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DEPARTMENT OF
WATER RESOURCES

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January 30, 2009

Gary Spackman
Idaho Department of Water Resources
322 W. Front Street
Boise, ID 83702

Re: Technical reports and preliminary plat application (and reports) submitted to evaluate JMM Dry Creek LLC Ground Water Right Application 63-32423 and JMM Transfer 73817 (63-2535, 63-4023B, 63-4086B, 63-7123, and 63-17454)

Dear Mr. Spackman:

In November 2008, IDWR was advised of the Water Rights Agreement between JMM Dry Creek LLC (JMM) and Dry Creek Rural Neighborhood Association (DCRNA).

The Agreement provides that the four documents listed below be submitted to IDWR to evaluate JMM's Ground Water Right Application 63-32423 and Transfer 73817. See accompanying binder and CD.[1]

1) SPF Water Engineering, LLC's investigation of Julius Jeker's property (May 17, 2005) (approximately 262 pages, including Attachments A-M). (A full copy of document is on CD and in binder.)

2) SPF's Conceptual Water System Report (July 18, 2006) (including Appendices A-G). (A full copy of document is on CD and in binder.)

[1] The four documents are provided simultaneously in electronic format (CD) and paper format (3-inch ring binder). The CD is in the front pocket of the binder. Both the binder and the CD are labeled Exhibit D, in reference to Exhibit D of the Water Rights Agreement between JMM Dry Creek LLC (JMM) and Dry Creek Rural Neighborhood Association (DCRNA).

3) Jeker's Place Ranch Subdivision Preliminary Plat and Hillside Development application submitted to Ada County on January 12, 2007 and accepted by Ada County on April 14, 2007. (Original 65 page document is on CD; binder has 19 representative pages: 000, 002, and 018 – 034.)

4) Ada County Staff Report, with exhibits, for Jeker's Place Ranch Preliminary Plat and Hillside Development prepared for the Planning and Zoning Commission dated May 22, 2008. (A full copy of document is on CD and in binder.)

The DCRNA/JMM Agreement was fully executed on January 14, 2009, and recorded with all exhibits at the Ada County Recorder's Office on January 26, 2009, as Instrument No. 109008451. A formal withdrawal of the DCRNA protest will be filed today, January 30, 2009.

Please feel free to contact me if you have any questions.

Sincerely,

BEEMAN & ASSOCIATES, P.C.

Josephine P. Beeman

Enclosures
cc: Charlie Honsinger (JMM Dry Creek)
DCRNA Board

SPF Water Engineering, LLC
water resource consultants

May 17, 2005

Mr. Mike Chernine
LandBaron Investments
8080A W. Sahara
Las Vegas, Nevada 89117

Subject: Water rights investigation of Julius Jeker property

Dear Mr. Chernine,

At your request, SPF Water Engineering, LLC (SPF) has performed an initial review of water rights associated with the Julius Jeker property. The review included (1) assembling Jeker property boundary information through an online search of Ada County tax-lot data, (2) searching the Idaho Department of Water Resources (IDWR) online water rights database, and (3) reviewing relevant water rights information found in the IDWR online database.

Conclusions from this review include the following:

1. Nine water rights were identified as appurtenant to the Jeker property.
2. These nine water rights, described in the following sections, represent a total maximum diversion rate of 19.6 cubic feet per second (cfs) or approximately 8,800 gallons per minute (gpm) for irrigation, stockwater, and domestic purposes. However, several rights have overlapping places of use, thus the actual maximum diversion rate is substantially less.
3. IDWR determined in 1999 that the actual irrigated area for the Jeker property was approximately 386 acres. At one miner's inch per acre (0.02 cfs or 9 gpm) the maximum irrigation diversion rate would be approximately 7.72 cfs (3,464 gpm).
4. It appears that ground water is the only source of irrigation on approximately 301 acres. Ground water is supplemented by surface water from Dry Creek (or vice versa) on approximately 85 acres.
5. Three of the Jeker water rights have received partial decrees (63-17451, 63-17452, and 63-17453) in the Snake River Basin Adjudication (SRBA). Claims filed for 63-2535, 63-4023B, 63-4086B, 63-7123, 63-17454 and 63-17455 have received preliminary recommendations for decree. The chances of decree for these rights appear to be good, but there are no guarantees that the recommended rights will ultimately be decreed.
6. A substantial portion of these water rights have not been used since 1994. However, forfeiture from non-use has been suspended while the Snake River Basin Adjudication (SRBA) claims are pending.

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7. Use of the rights will need to resume within five years following decrees through the SRBA to avoid forfeiture unless other measures are taken to protect rights.

Recommendations from this review include the following:

1. Actual acreages listed as places of use under the Jeker rights should be confirmed using existing aerial photography taken in 1987 and/or 1994. The purpose of this exercise would be to determine if the water rights should be decreed for irrigation on more than 386 acres.
2. Obtain and review water right "back files" held by IDWR but not available online.
3. Review back files of water rights adjacent to the Jeker property for possible overlapping places of use or for points of diversion on the Jeker property.
4. Determine historical diversions from Dry Creek under water right 63-17454. Confirm that Dry Creek water has not been used on more than the 85 acres claimed by 63-17454.

These results and recommendations are based on the information outlined in the following sections. Tables and Figures are presented at the end of this letter. A series of attachments (listed on page 7) contain supporting information.

Background

The Julius Jeker property is located in the Dry Creek Valley in northern Ada County. The property includes approximately 1407 acres (based on tax lot data) in T5N R1E Sections 25, 35, 36; T4N R1E Sections 1 and 2; and T5N R2E Section 30[1]. The subject property parcels were identified by John Starr (Colliers International), and were plotted based on property listed in the Ada County tax-lot GIS database under the name of Julius Jeker (Figure 1).

Water Rights Search

This water rights review began with a search of the IDWR online water rights database. The search criteria consisted of water rights listed (1) under the name of Julius Jeker and (2) by the quarter-quarter sections fully or partially owned by Julius Jeker (Figure 1).

The IDWR database lists two statutory claims (63-4023 and 63-4086), two beneficial use claims (63-17454 and 17455), two licensed rights (63-2535 and 63-7123), and three decreed rights (63-17451, 63-17452, and 63-17453) under the name of Julius Jeker

[1] The assessed acreage is listed as 1668.8 acres, suggesting that 260+ acres may not have been included in the water rights search area.

(Table 1 and Attachment A). These rights are used for irrigation, stockwater, and domestic purposes. The places of use for the recommended irrigation rights are shown in Figure 2. The places of use and points of diversion for each of the rights are shown in Figures 3 through 11. Information for individual water rights is provided in Attachments D through L.

A search for water rights in the quarter-quarters listed as Jeker property included an additional eight water rights (Attachment B) listed under different names. These rights appear to be associated with properties adjacent to the Jeker property. All of these except one (63-10235) list domestic uses as at least one of the recognized beneficial uses.

Individual Jeker water rights are summarized in the following sections.

Water Right 63-2535

Water right 63-2535 (Figure 3[1]) lists a maximum ground water diversion rate of 0.70 cfs (314 gpm) for irrigation and domestic uses under a priority date of August 24, 1937. Originally owned by Karl Paine, this right lists one point of diversion in the NENE of Section 35 in T5N R1E. The right lists a place of use covering a total of 35 acres in the quarter-quarters listed in Table 2 and shown in Figure 2.

Water Right 63-4023B

Water right 63-4023B (Figure 4) is for a maximum ground water diversion of 3.0 cfs (1,346 gpm) for irrigation and stockwater uses under a priority date of July 1, 1927. The right covers 210 acres in T5N R1E Sections 35 and 36 (Table 2). The right lists one well as point of diversion in the NENE of Section 35 (T5N R1E) and three wells in the NENW, SWNW, and SENW quarter-quarters (respectively) of Section 36 (T5N R1E).

The original right based on statutory claim (63-4023) listed a place of use of covering a total of 350 acres. This place of use included property reportedly owned by Helen Weisshaupt (sister of Julius Jeker) on the west side of Highway 55. This statutory claim has been split to separate the portion of the water right used to irrigate 140 acres in the NW quarter of Section 35 (located on the west side of Highway 55) from the portion of the water right used on the Jeker property. The place of use under the adjudication claim for 63-4023B (A63-4023B) includes only Jeker property that is located on the east side of Highway 55.

An adjudication claim is listed under the name of Helen Weisshaupt for water right 63-4023A (Attachment M). The claim is for 2.44 cfs of surface water from Dry Creek and

[1] This and all subsequent figures show the places of use only by quarter-quarter (not by actual irrigated acres). Points of diversion are indicated at quarter-quarter centroids.

Spring Creek Ditch. The claim lists two points of diversion in the NW ¼ of the NE ¼ of Section 35, T5N, R1E. The points of diversion appear to be located on property owned by Julius Jeker.

It is unusual that a water right is split is such a way that one part is based on surface water and another part is based on ground water sources. However, this issue is addressed in an April 13, 1999 IDWR memo by Lori Graves (Attachment C):

> "Per telecon with Helen (sister) and telecon with Julius 4/13/1999, both state that Helen's property was not and has not been irrigated with ground water. Her irrigation sources are Dry Creek and Spring Creek. The ground water is only applied to Julius' acres east of HWY55."

Water Right 63-4086B

Water right 63-4086B (Figure 5) lists a maximum ground water diversion rate of 5.0 cfs (2,244 gpm) for irrigation under a priority date of July 20, 1960. The right lists one point of diversion in the NENE of Section 36 in T5N R1E. The right lists a place of use covering a total of 359 acres as shown in Table 2.

The original statutory claim for this right lists a place of use covering 473 acres. This statutory claim was split to separate the portion of the water right used to irrigate the NW quarter of Section 35 located on the west side of Highway 55 (owned separately by Helen Weisshaupt, sister of Julius Jeker). The place of use under 63-4086B now includes only Jeker property that is located on the east side of Highway 55.

An adjudication claim is listed under the name of Helen Weisshaupt for water right 63-4086A (Attachment M). The claim is for 2.44 cfs of surface water from Dry Creek and Spring Creek Ditch. The claim lists two points of diversion in the NW ¼ of the NE ¼ of Section 35, T5N, R1E. The points of diversion appear to be located on property owned by Julius Jeker.

Water Right 63-7123

Water right 63-7123 (Figure 6) is a licensed ground water right for irrigation with a maximum ground water diversion rate of 0.79 cfs (355 gpm) under a priority date of July 11, 1968. The right lists a place of use covering a total of 351 acres as shown in Table 2. The right lists one point of diversion in the NENE of Section 36 in T5N R1E.

This right has a volume limit of 2,128.5 acre-feet per year (afa). The flow represented by the maximum diversion limit, even if diverted 365 days per year, is not enough to meet this volume limit.

The original license for this right lists a place of use covering 473 acres. The adjudication recommendation for this right lists a place of use of 351 acres. According to the April 13, 1999 IDWR memo, the adjudication recommendation under 63-7123

excludes as a place of use the NW quarter of Section 35, located on the west side of Highway 55 (property owned by Helen Weisshaupt).

Water Right 63-17451

Water right 63-17451 (Figure 7) is a domestic ground water right for 0.01 cfs (4.5 gpm) with a priority date of May 20, 1944. The point of diversion and place of use is in the SENW of Section 36 in T5N R1E. A partial decree was issued as part of the SRBA for this right on May 17, 2001. The right lists a maximum diversion volume of 13,000 gallons per day (gpd), although the listed diversion rate could only produce 6,480 gpd.

Water Right 63-17452

Water right 63-17452 (Figure 8) is a domestic ground water right for 0.04 cfs (18 gpm) with a priority date of July 1, 1927. The point of diversion and place of use listed as the SWNW of Section 36 in T5N R1E. A partial decree was issued as part of the SRBA for this right on May 17, 2001. The right has a maximum diversion volume of 13,000 gpd.

Water Right 63-17453

Water right 63-17053 (Figure 9) is a right for 0.07 cfs (31 gpm) of ground water for stockwater purposes with a priority date of October 25, 1974. The right is limited to a maximum of 13,000 gpd. The right received a partial decree in the SRBA on May 17, 2001.

Water Right 63-17454

The IDWR water rights database lists a beneficial use claim and recommendation under water right 63-17454 (Figure 10) for the use of surface water from Dry Creek to irrigate 85 acres. The priority date for this claim is March 20, 1938. The right has a maximum diversion of 1.7 cfs (763 gpm) when water is available. The basis for this claim is not available online.

Water Right 63-17455

Water right 63-17455 (Figure 11) is a beneficial use claim and recommendation listing for a maximum diversion rate of 0.41 cfs (184 gpm) of ground water for irrigation and stockwater uses under a priority date of May 20, 1930. The right lists one point of diversion in the SWNE of Section 35 in T5N R1E. The right lists a place of use covering a total of 17.1 acres as shown in Table 2. The basis for this claim is not available online.

Snake River Basin Adjudication (SRBA)

The SRBA is an adjucation of all water rights in the Snake River Basin. This applies to the Jeker water rights because the Dry Creek valley is within the Snake River basin.

Three of the Jeker water rights have received partial decrees (63-17451, 63-17452, and 63-17453). Claims filed for 63-2535, 63-4023B, 63-4086B, 63-7123, 63-17454 and 63-17455 have received preliminary recommendations for decree. Two of the ground water rights (63-2535 and 63-7123) have previously been licensed and two (63-4023B and 63-4086B) are statutory claims. The licensed rights total 1.49 cfs (669 gpm) and the statutory claims total 8 cfs (3,590 gpm). Statutory claims receive a higher level of scrutiny in the SRBA than licensed or previously-decreed rights.

Lori Graves (IDWR Western Region) reviewed the water rights in response to applications for extensions of time to avoid forfeiture (see next section and April 13, 1999 memo in Attachment C). The memo indicates that although there are 508 licensed acres held in these Jeker water rights, the actual area irrigated from ground water was approximately 386 acres. The most junior right (63-7123 with a priority date of July 11, 1968) was licensed for only 0.79 cfs because the system capacity was 9.49 cfs and the three senior rights totaled 8.7 cfs. Thus, although two of the SRBA claims are based on statutory claims, they were essentially examined as part of licensing of water right 63-7123. Therefore, the chances of successful decree for the 8.0 cfs represented by 63-4023B and 63-4086B appear good. However, in combination, the rights may be reduced to a total diversion rate of 7.72 cfs based on 386 irrigated acres and a standard duty of water to 0.02 cfs per acre.

Risk of Forfeiture

A water right may be at risk of forfeiture if not used for a period of five years. An extension may be granted for a longer period of non-use (typically an additional five years). Extensions of time to avoid forfeiture on water rights 63-2535, 63-4023, 63-4086, and 63-7123 were granted on January 27, 2000. The extensions expired on November 1, 2004. However, an SRBA court ruling after January 27, 2000 determined that the "forfeiture clock" is stopped for claims pending in the adjudication. The "clock" stopped on the date that the claims were filed. Claims were filed for 63-2535, 63-4023, 63-4086, and 63-7123 between August 11, 1989 and August 15, 1989. The water rights were actively being used in 1987 (Figure 13) and 1994, as documented in the 1999 IDWR memo. The risk of forfeiture of these rights during the SRBA is therefore low. Water use must resume within five years of issuance of a partial decree.

Please call Terry Scanlan or me if you have any questions about this review, or of you would like additional information. Thank you for the opportunity to be of assistance.

Sincerely,

Christian R. Petrich, Ph.D., P.E.
Principal Engineer/Hydrologist



Attachments:

Attachment A: Water Right Search by the Name (Jeker)

Attachment B: Water Right Search by Location

Attachment C: April 13, 1999 IDWR Memo

Attachment D: Water Right 63-2535

Attachment E: Water Right 63-4023B

Attachment F: Water Right 63-4086B

Attachment G: Water Right 63-7123

Attachment H: Water Right 63-17451

Attachment I: Water Right 63-17452

Attachment J: Water Right 63-17453

Attachment K: Water Right 63-17454

Attachment L: Water Right 63-17455

Attachment M: Water Right 63-8023A and 63-8046A

Number	Basis	Priority Date	Maximum Diversion Rate (cfs)	Water Uses	Acres Irrigated	Volume Limit	Season of Use	Source	SRBA Claim Filed?	Status	Remarks
63-2535	License	8/24/1937	0.7	Irrigation	35	-	3/15-11/15	Ground water	Yes	Pending adjudication (preliminary recommendation made)	Original owner: Karl Paine
			0.02	Domestic		13,000 gpd	1/1-12/31				
Total Maximum Diversion Rate (cfs):			0.7								
63-4023B	Statutory claim	7/1/1927	3	Irrigation	210		4/1-10/31	Ground water	Yes	Pending adjudication (preliminary recommendation made)	Four artesian wells noted. 350 acres originally listed for irrigation; split resulted in a reduction of 140 acres (which are located on adjacent property west of Highway 55 - see text). Stockwater originally requested for 400 head of cattle.
			0.08	Stockwater			1/1-12/31				
Total Maximum Diversion Rate (cfs):			3								
63-4086B	Statutory claim	7/20/1960 (see remarks)	5	Irrigation	359		4/1-10/31	Ground water	Yes	Pending adjudication (preliminary recommendation made)	Priorities are 7/20/1960 for 3.2 cfs and 5/15/68 for 1.8 cfs (based on expired permit 63-3179). 473 acres originally listed for irrigation; split resulted in a reduction of 114 acres (which are located on adjacent property west of Highway 55 - see text).
63-7123	License	7/11/1968	0.79	Irrigation	351	2185.5 afa	4/1-10/31	Ground water	Yes	Pending adjudication (preliminary recommendation made)	473 acres originally listed for irrigation; split resulted in a reduction of 122 acres (which are located on adjacent property west of Highway 55 - see text).
63-17451	Decreed	5/20/1944	0.01	Domestic		13,000 gpd	1/1-12/31	Ground water	Yes	Partial decree (5/17/01)	
63-17452	Decreed	7/1/1927	0.04	Domestic		13,000 gpd	1/1-12/31	Ground water	Yes	Partial decree (5/17/01)	
63-17453	Decreed	10/25/1974	0.07	Stockwater		13,000 gpd	1/1-12/31	Ground water	Yes	Partial decree (5/17/01)	
63-17454	Beneficial use claim	3/20/1938	1.7	Irrigation	85		3/15-11/15	Dry Creek	Yes	Pending adjudication (preliminary recommendation made)	Point of diversion appears to be east of Jeker property
63-17455	Beneficial use claim	5/20/1930	0.34	Irrigation	17.1		3/15-11/15	Ground water	Yes	Pending adjudication (preliminary recommendation made)	
			0.07	Stockwater			1/1-12/31				
Total Maximum Diversion Rate (cfs):			0.41								

Table 1: Jeker water right summary.

Number	Twp	Rge	Sec	Quarter	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Total Irrigated Acres
					NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
63-2535 (irrigation, domestic)																					
Point of Diversion	05N	01E	35	POD																	
Place of Use	05N	01E	35	20	10	5															35
Total irrigated acres																					35
63-4023B (irrigation, stockwater)																					
Point of Diversion	05N	01E	35	POD																	
Point of Diversion	05N	01E	36					POD		POD	POD										
Place of Use	05N	01E	35	40	40	15	20														115
Place of Use	05N	01E	36					15	40	30	10										95
Total irrigated acres																					210
63-4086B (irrigation)																					
Point of Diversion	05N	01E	36	POD																	
Place of Use	05N	01E	25												5	4					9
Place of Use	05N	01E	25																22	31	53
Place of Use	05N	01E	35	15	21	13	13														62
Place of Use	05N	01E	36	38	40	20	8														106
Place of Use	05N	01E	36					39	39	17	11										106
Place of Use	05N	02E	30												23						23
Total irrigated acres																					359
63-7123 (irrigation)																					
Point of Diversion	05N	01E	36	POD																	
Place of Use	05N	01E	25													4					4
Place of Use	05N	01E	25																22	31	53
Place of Use	05N	01E	35	15	21	13	13														62
Place of Use	05N	01E	36	38	40	20	8														106
Place of Use	05N	01E	36					39	39	17	11										106
Place of Use	05N	02E	30												20						20
Total irrigated acres																					351

Table 2: Points of diversion and places of use (page 1 of 2).
Numbers listed under quarter-quarters represent irrigated acres.

Number	Twp	Rge	Sec	Quarter	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Total Irrigated Acres
					NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
63-17451 (domestic)																					
Point of Diversion	05N	01E	36									POD									
Place of Use	05N	01E	36									D									
Total irrigated acres																					n/a
63-17452 (domestic)																					
Point of Diversion	05N	01E	36								POD										
Place of Use											D										
Total irrigated acres																					n/a
63-17453 (stockwater)																					
Point of Diversion	05N	01E	25														POD				
Place of Use																	S				
Total irrigated acres																					n/a
63-17454 (Irrigation)																					
Point of Diversion	05N	02E	25						POD												
Place of Use	05N	01E	25																	26.5	26.5
Place of Use	05N	01E	36	35.5																	35.5
Place of Use	05N	02E	30												23						23
Total irrigated acres																					85
63-17455 (Irrigation, stockwater)																					
Point of Diversion	05N	01E	35				POD														
Place of Use	05N	01E	35			5.5	11.6														17.1
Total irrigated acres																					17.1

Table 2: Points of diversion and places of use (page 2 of 2).
Numbers listed under quarter-quarters represent irrigated acres.

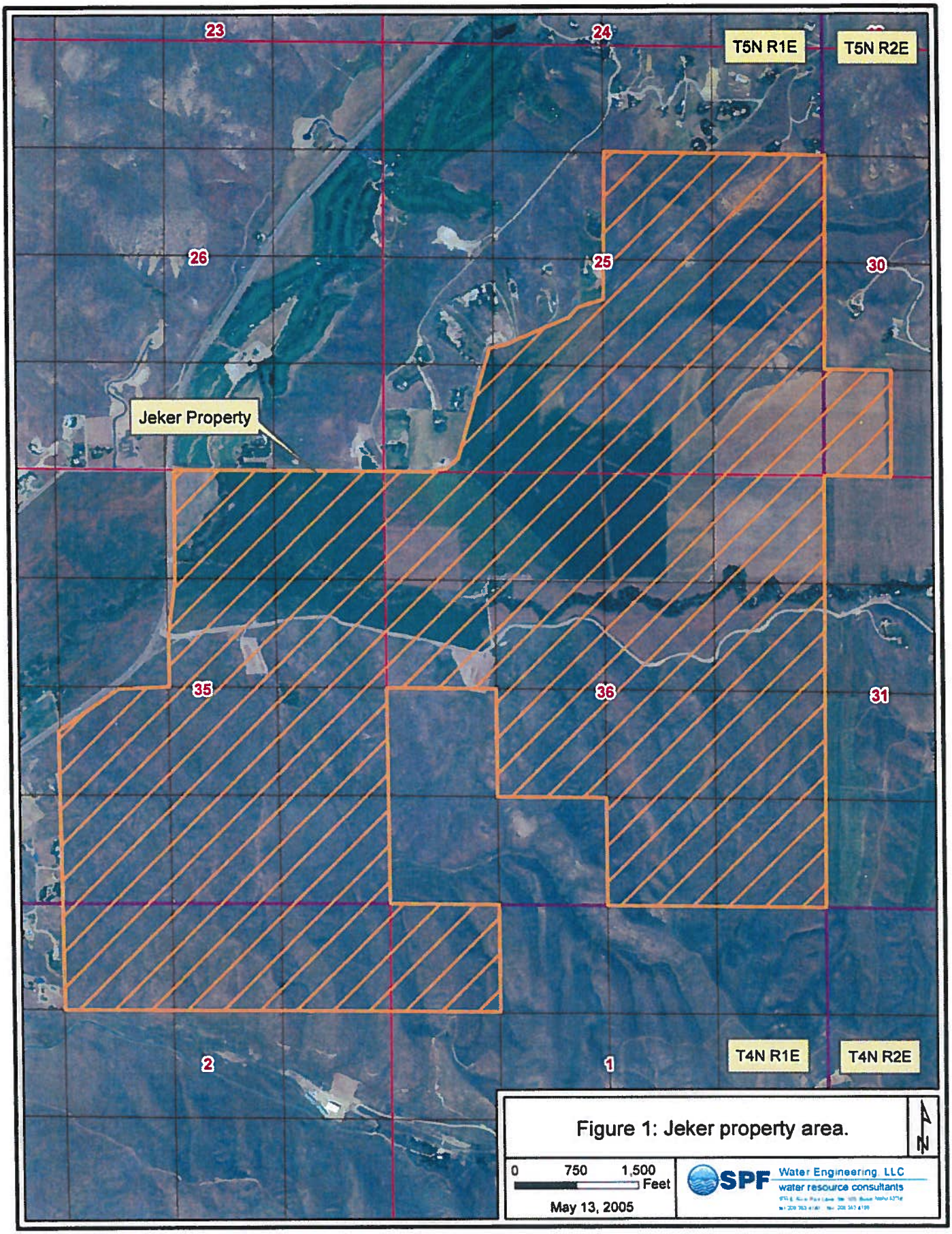


Figure 1: Jeker property area.

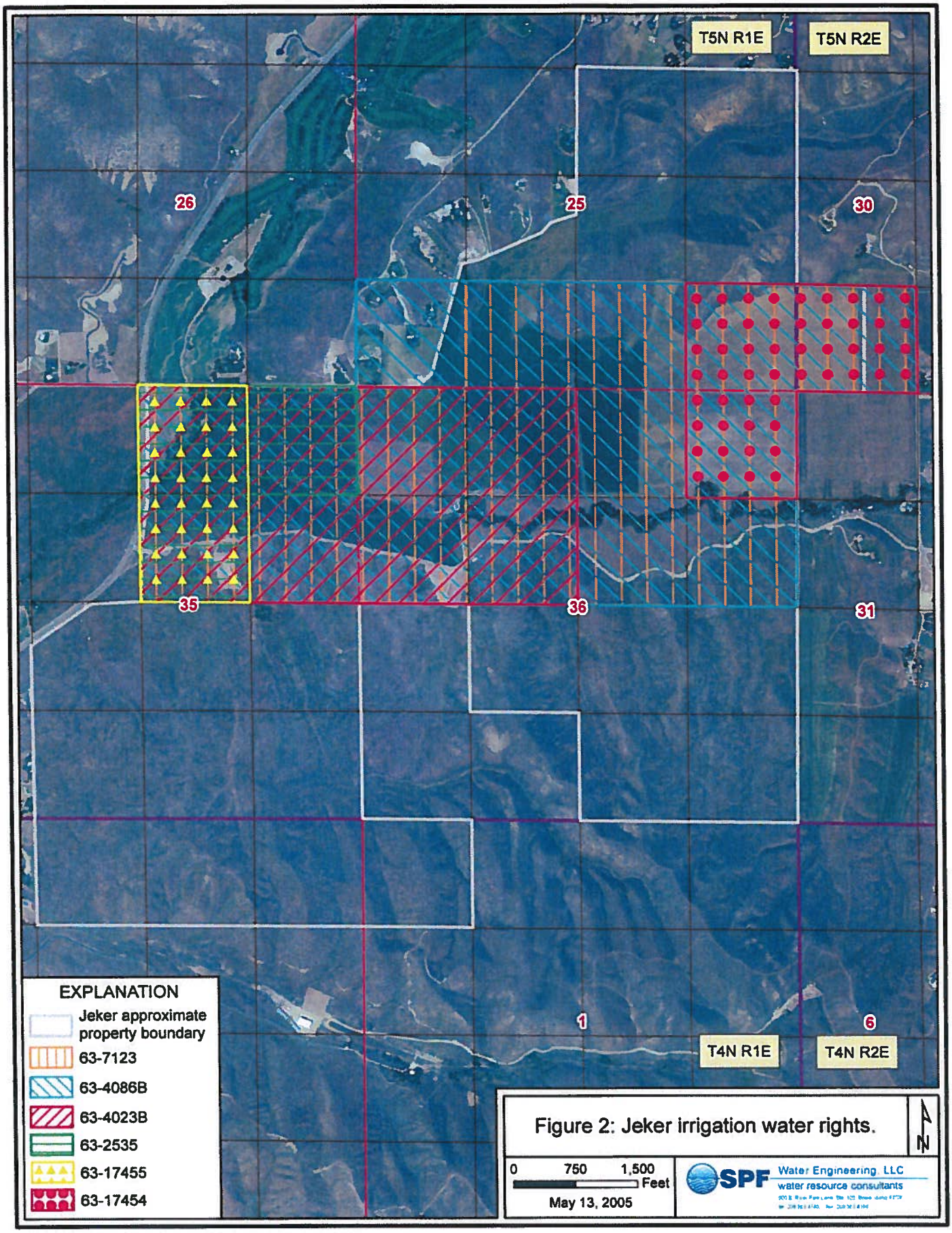
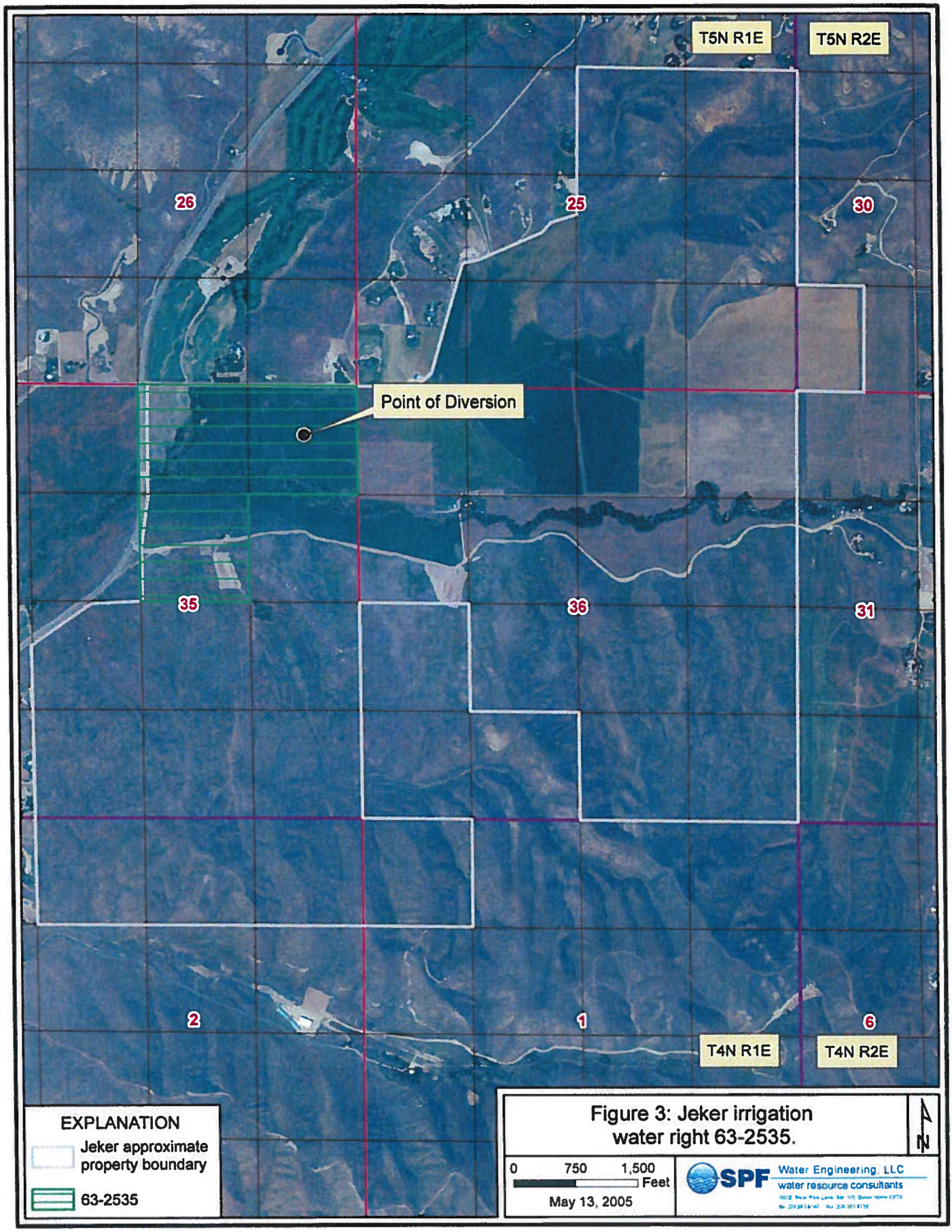
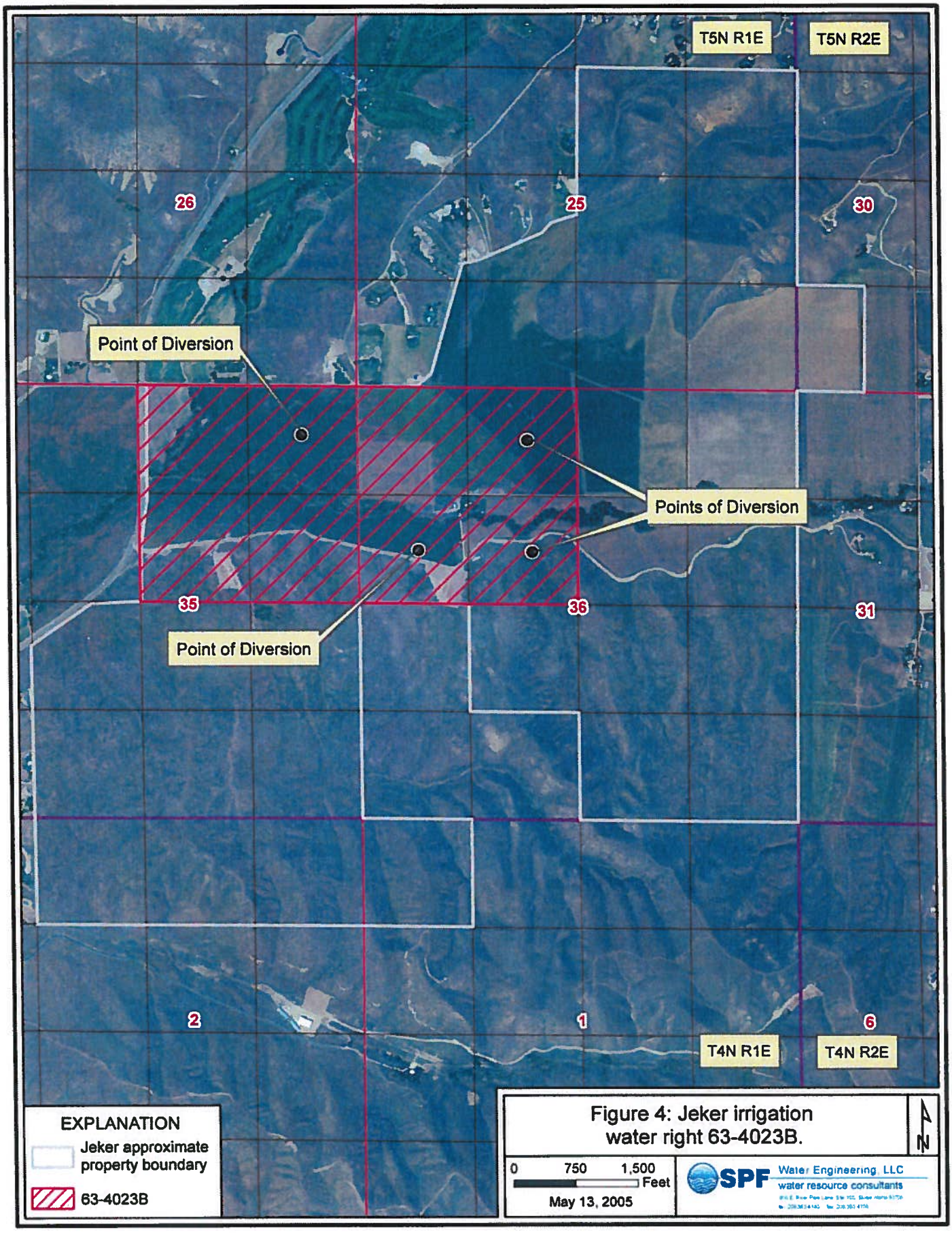
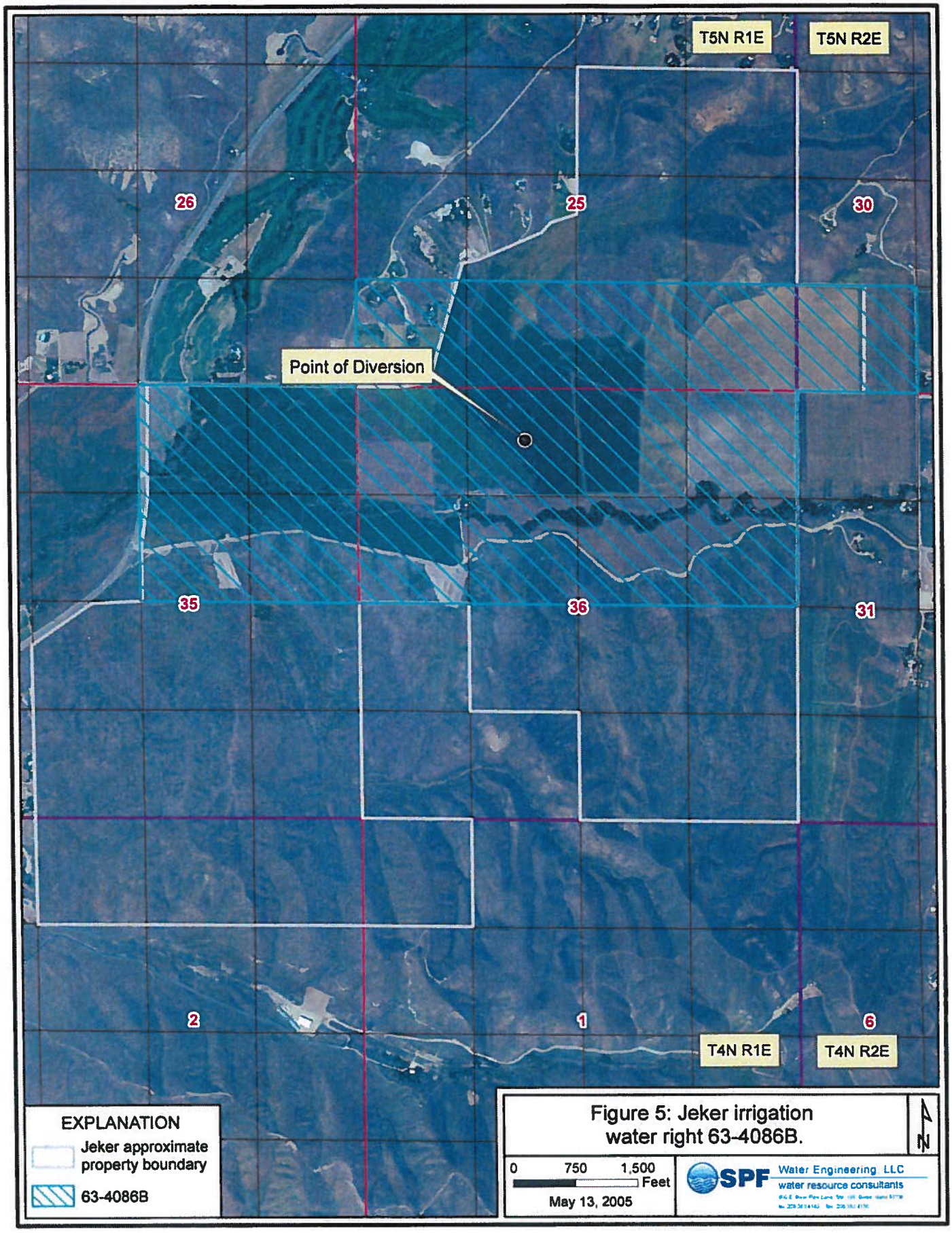
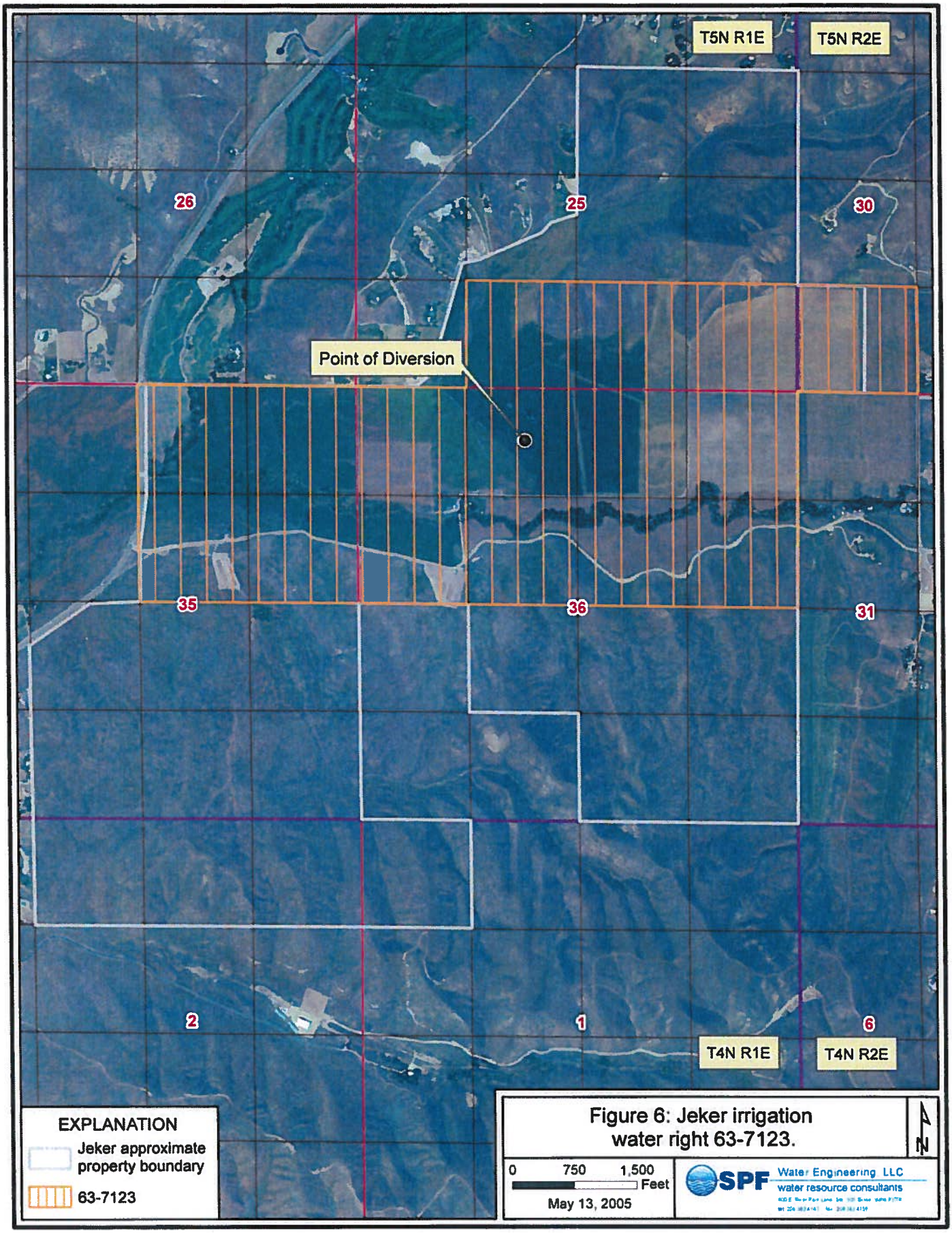


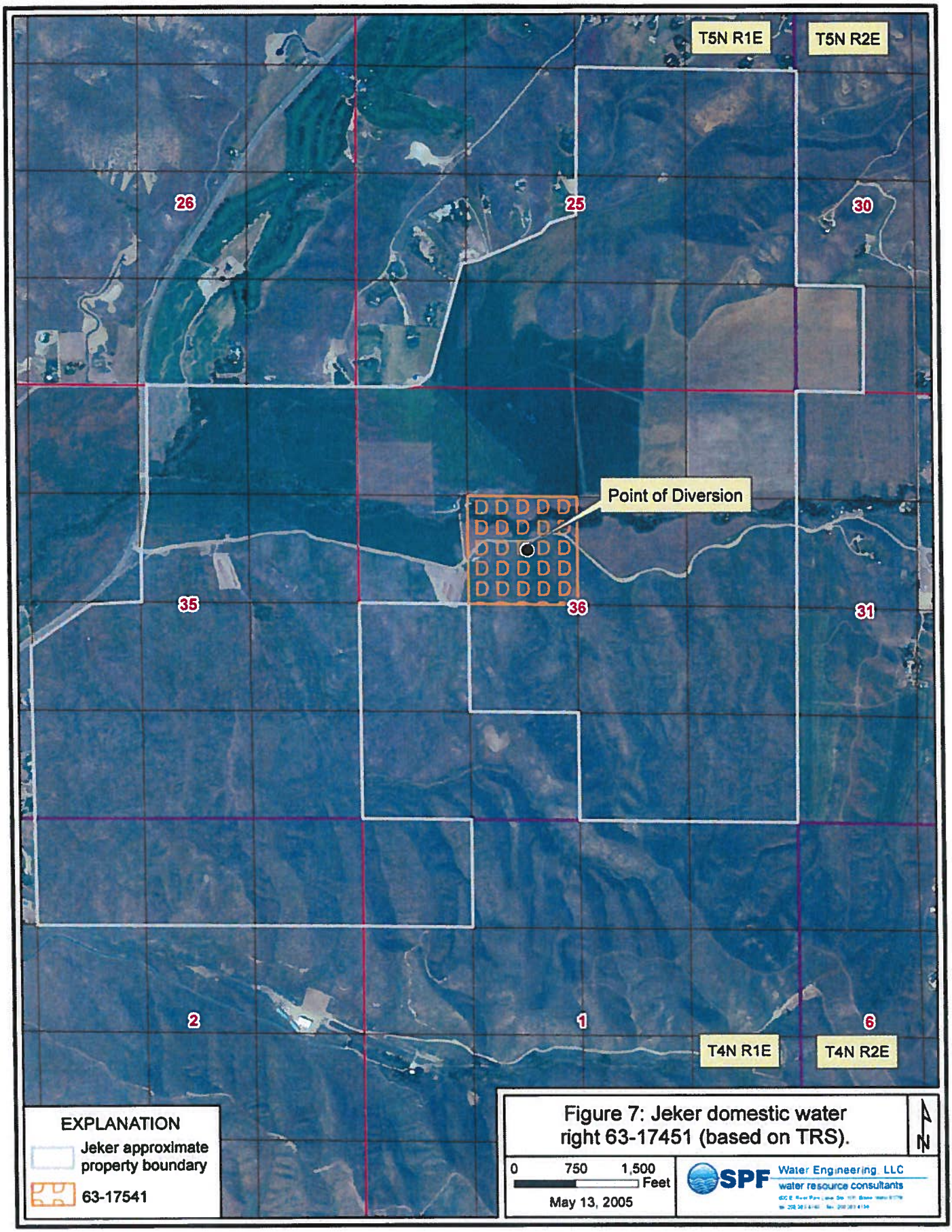
Figure 2: Jeker irrigation water rights.

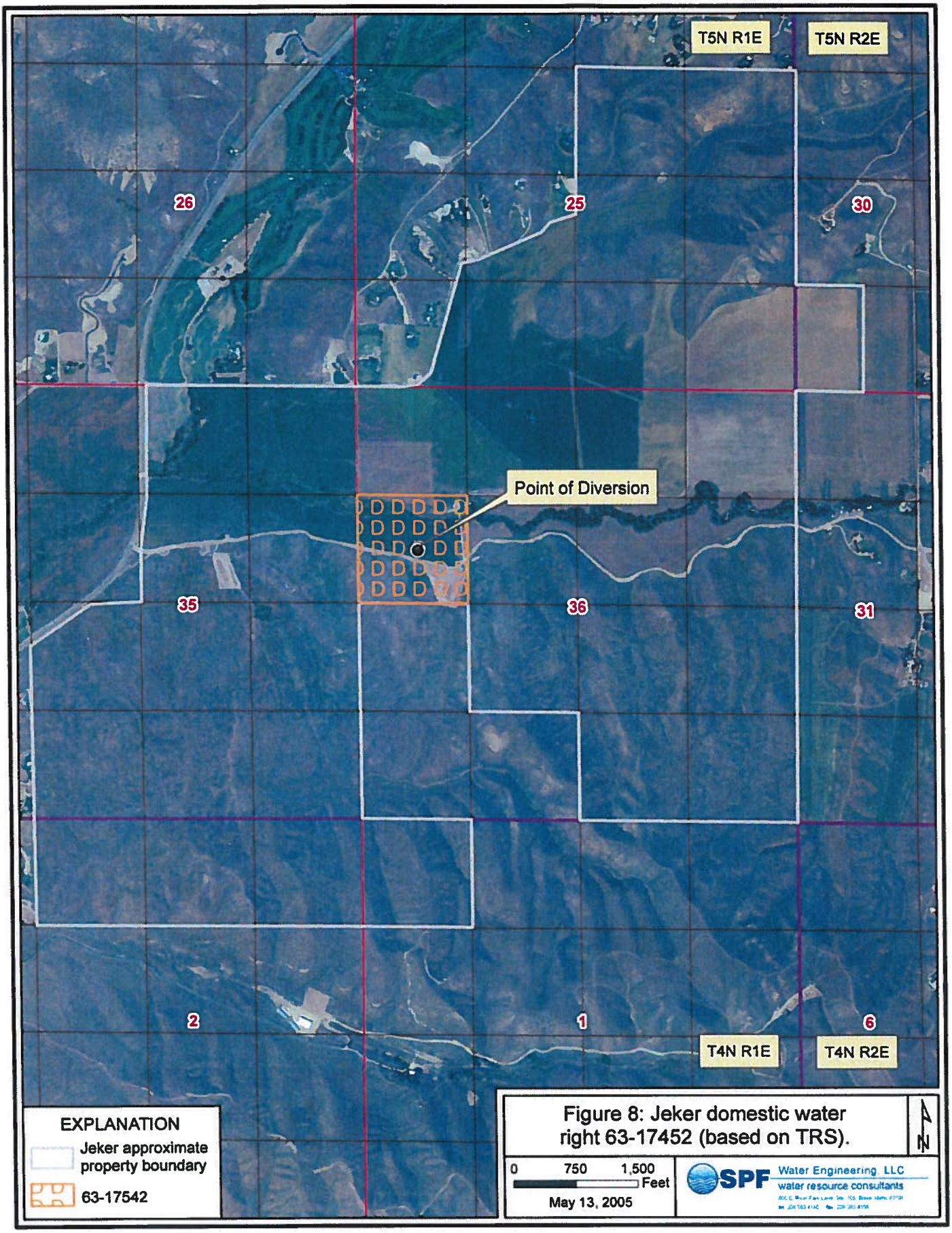

T5N R1E
T5N R2E
26
25
30
Point of Diversion
35
36
31
2
1
6
T4N R1E
T4N R2E
EXPLANATION
Jeker approximate property boundary
63-2535
Figure 3: Jeker irrigation water right 63-2535.
N
0
750
1,500
Feet
May 13, 2005
SPF
Water Engineering, LLC
water resource consultants

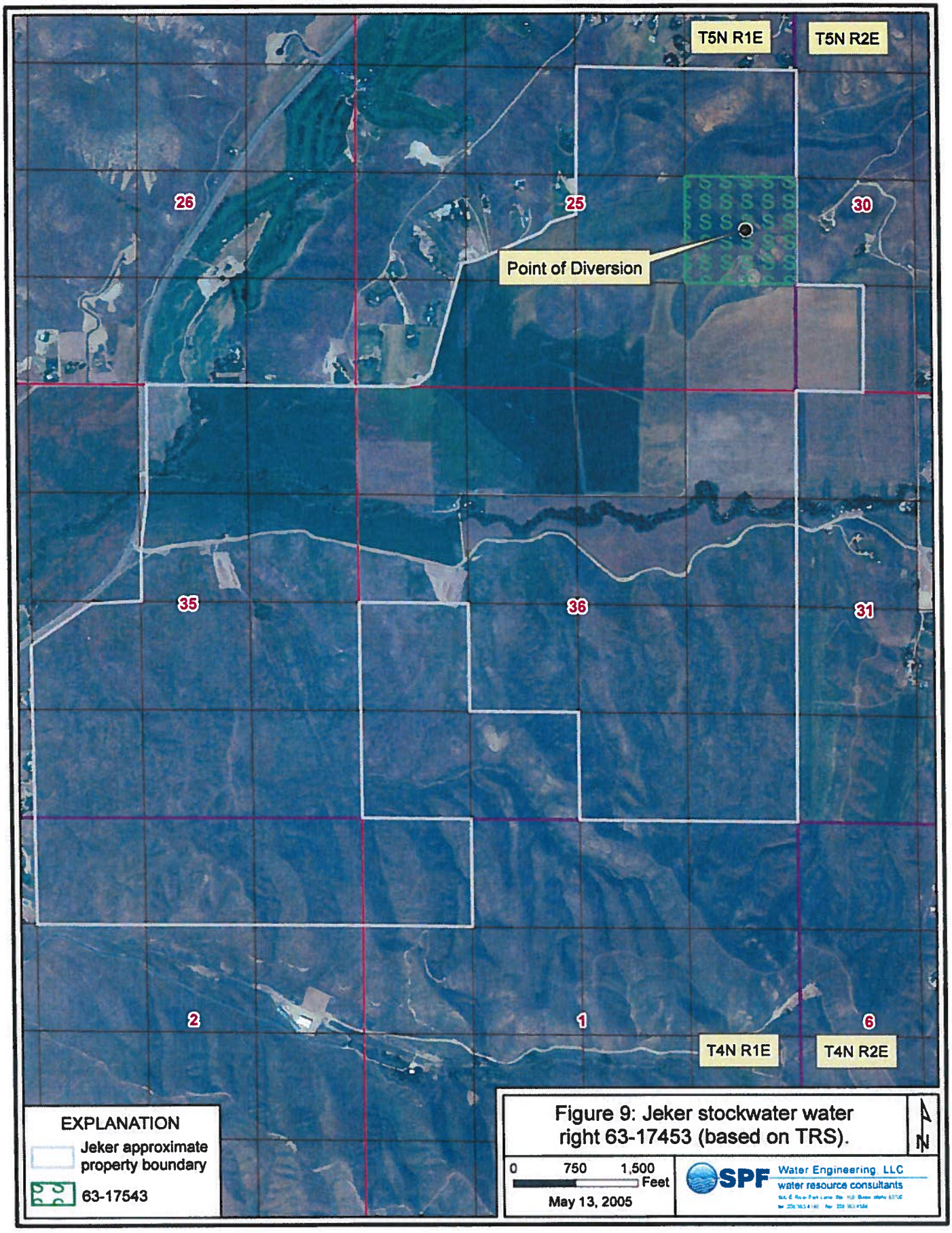

T5N R1E
T5N R2E
26
25
30
Point of Diversion
Points of Diversion
35
36
31
Point of Diversion
2
1
6
T4N R1E
T4N R2E
EXPLANATION
Jeker approximate property boundary
63-4023B
Figure 4: Jeker irrigation water right 63-4023B.
N
0
750
1,500
Feet
May 13, 2005
SPF
Water Engineering, LLC
water resource consultants

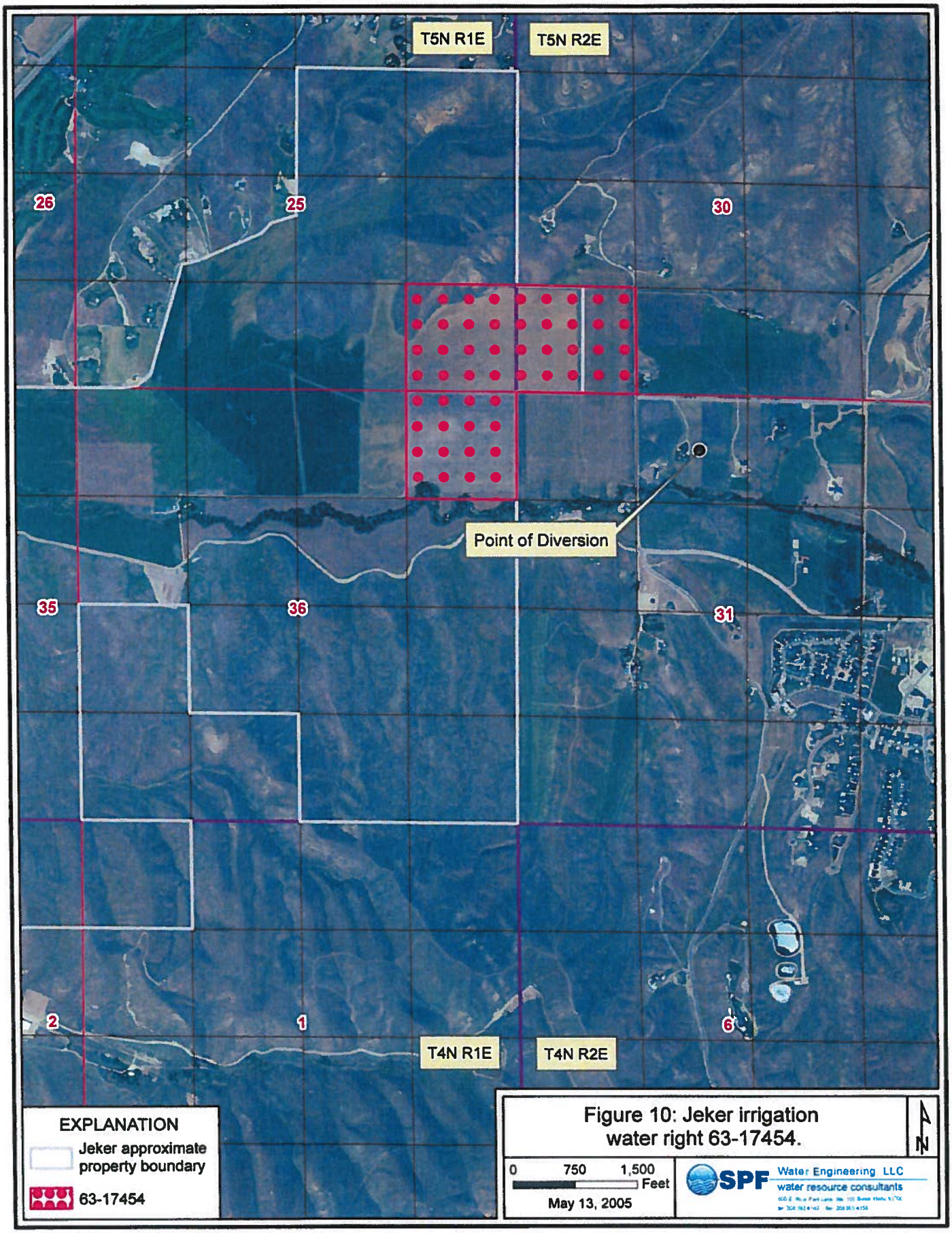

T5N R1E
T5N R2E
26
25
30
Point of Diversion
35
36
31
2
1
6
T4N R1E
T4N R2E
EXPLANATION
Jeker approximate property boundary
63-4086B
Figure 5: Jeker irrigation water right 63-4086B.
N
0
750
1,500
Feet
May 13, 2005
SPF
Water Engineering LLC
water resource consultants

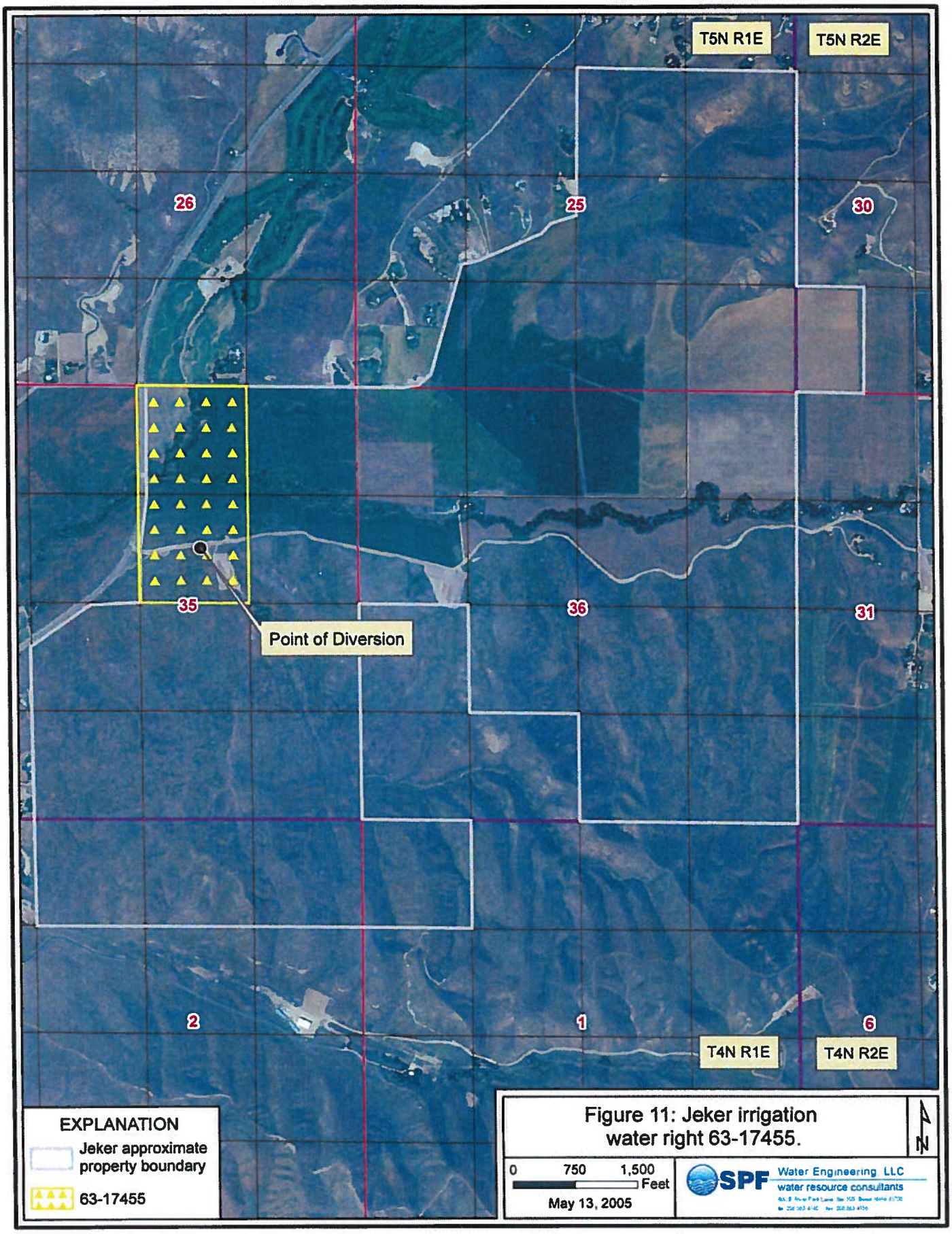

T5N R1E
T5N R2E
26
25
30
Point of Diversion
35
36
31
2
1
6
T4N R1E
T4N R2E
EXPLANATION
Jeker approximate property boundary
63-7123
Figure 6: Jeker irrigation water right 63-7123.
N
0
750
1,500
Feet
May 13, 2005
SPF
Water Engineering LLC
water resource consultants


T5N R1E
T5N R2E
26
25
30
Point of Diversion
35
36
31
2
1
6
T4N R1E
T4N R2E
EXPLANATION
Jeker approximate property boundary
63-17541
Figure 7: Jeker domestic water right 63-17451 (based on TRS).
N
0
750
1,500
Feet
May 13, 2005
SPF
Water Engineering, LLC
water resource consultants


T5N R1E
T5N R2E
26
25
30
Point of Diversion
35
36
31
2
1
6
T4N R1E
T4N R2E
EXPLANATION
Jeker approximate property boundary
63-17542
Figure 8: Jeker domestic water right 63-17452 (based on TRS).
N
0
750
1,500
Feet
May 13, 2005
SPF Water Engineering, LLC
water resource consultants


T5N R1E
T5N R2E
26
25
30
Point of Diversion
35
36
31
2
1
6
T4N R1E
T4N R2E
EXPLANATION
Jeker approximate property boundary
63-17543
Figure 9: Jeker stockwater water right 63-17453 (based on TRS).
N
0
750
1,500
Feet
May 13, 2005
SPF
Water Engineering, LLC
water resource consultants


T5N R1E
T5N R2E
26
25
30
Point of Diversion
35
36
31
2
1
6
T4N R1E
T4N R2E
EXPLANATION
Jeker approximate property boundary
63-17454
Figure 10: Jeker irrigation water right 63-17454.
N
0
750
1,500
Feet
May 13, 2005
SPF
Water Engineering LLC
water resource consultants


T5N R1E
T5N R2E
26
25
30
35
36
31
Point of Diversion
2
1
6
T4N R1E
T4N R2E
EXPLANATION
Jeker approximate property boundary
63-17455
Figure 11: Jeker irrigation water right 63-17455.
N
0
750
1,500
Feet
May 13, 2005
SPF
Water Engineering LLC
water resource consultants

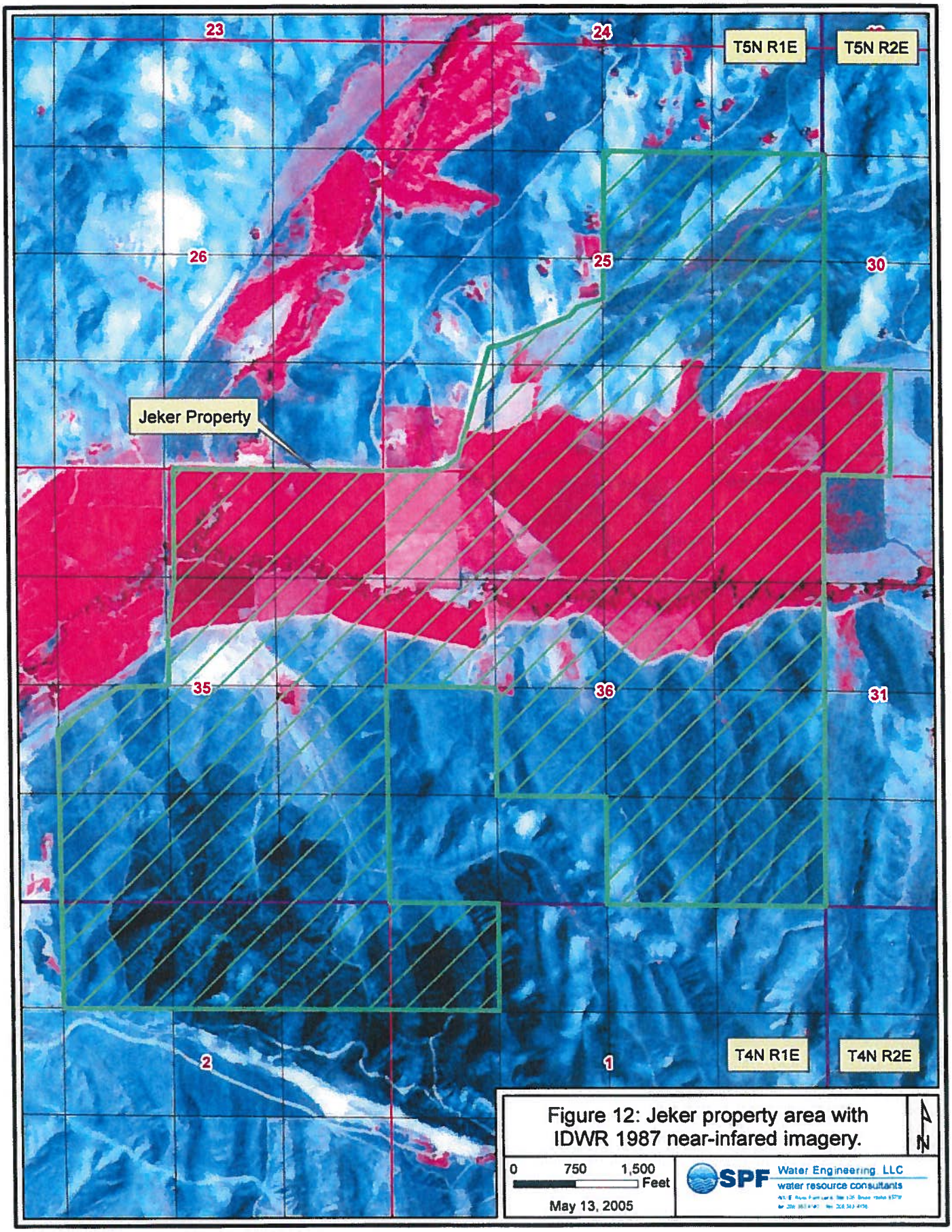


Figure 12: Jeker property area with IDWR 1987 near-infared imagery.

DCRNA/JMM Water Rights Agreement

Exhibit D

Technical reports and preliminary plat applications and reports submitted to IDWR to evaluate Application 63-32423 and Transfer 73817

D-1: SPF Water Engineering, LLC's investigation of Julius Jeker's property (May 17, 2005) (approximately 262 pages, including Attachments A-M)

D-2: SPF's Conceptual Water System Report (July 18, 2006) (including Appendices A-G)

D-3: Jeker's Place Ranch Subdivision Preliminary Plat and Hillside Development application submitted to Ada County on January 12, 2007 and accepted by Ada County on April 14, 2007.

D-4: Ada County Staff Report, with exhibits, for Jeker's Place Ranch Preliminary Plat and Hillside Development prepared for the Planning and Zoning Commission dated May 22, 2008.

Attachment A:

Water Right Search by the Name (Jeker)

Information for type: Claim

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate (cfs)	Source List	Water Uses	Owner List
	1	63	2535			License	Active	8/24/1937	0.7	GROUND WATER	DOMESTIC, IRRIGATION	JEKER, JULIUS (Current)
	2	63	4023				See Remarks	7/1/1927	3	GROUND WATER	IRRIGATION, STOCKWATER	
	3	63	4023	B		Beneficial Use	Active	7/1/1927	3	GROUND WATER	IRRIGATION, STOCKWATER	JEKER, JULIUS (Current)
	4	63	4086				See Remarks	7/20/1960	5	GROUND WATER	IRRIGATION	
	5	63	4086	B		Beneficial Use	Active	7/20/1960	5	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)
	6	63	7123			License	Active	7/11/1968	0.79	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)
	7	63	17454			Beneficial Use	Active	3/20/1938	1.7	DRY CREEK	IRRIGATION	JEKER, JULIUS (Current)
	8	63	17455			Beneficial Use	Active	5/20/1930	0.41	GROUND WATER	IRRIGATION, STOCKWATER	JEKER, JULIUS (Current)
									19.6			

Remarks: Rights 63-4023 and 63-4086 have been split into 63-4023A and 63-4023B and 63-4086A and 63-4086B. Rights 63-4023B and 63-4086B list Julius Jeker as owner and list places of use associated with Jeker property east of Highway 55.

Information for type: Recommendation

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate (cfs)	Source List	Water Uses	Owner List
	9	63	2535		1		Active	8/24/1937	0.7	GROUND WATER	DOMESTIC, IRRIGATION	JEKER, JULIUS (Current)
	10	63	4023	B	1		Active	7/1/1927	3	GROUND WATER	IRRIGATION, STOCKWATER	JEKER, JULIUS (Current)
	11	63	4086	B	1		Active	7/20/1960	5	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)
	12	63	7123		1		Active	7/11/1968	0.79	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)
	13	63	17454		1		Active	3/20/1938	1.7	DRY CREEK	IRRIGATION	JEKER, JULIUS (Current)
	14	63	17455		1		Active	5/20/1930	0.41	GROUND WATER	IRRIGATION, STOCKWATER	JEKER, JULIUS (Current)

Information for type: Statutory Claim, Decree and License

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate (cfs)	Source List	Water Uses	Owner List
8535	15	63	4023			Statutory Claim	Active	7/1/1927	3	GROUND WATER	IRRIGATION, STOCKWATER	JEKER, JULIUS (Current)
	16	63	4086			Statutory Claim	Active	7/20/1960	5	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)
	17	63	7123			License	Active	7/11/1968	0.79	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)
	18	63	17451			Decreed	Active	5/20/1944	0.01	GROUND WATER	DOMESTIC	JEKER, JULIUS (Current)
	19	63	17452			Decreed	Active	7/1/1927	0.04	GROUND WATER	DOMESTIC	JEKER, JULIUS (Current)
	20	63	17453			Decreed	Active	10/25/1974	0.07	GROUND WATER	STOCKWATER	JEKER, JULIUS (Current)

Information for type: Permit

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate (cfs)	Source List	Water Uses	Owner List
	21	63	3179				Cancelled					JEKER, JULIUS (Current)

Total number of records = 21

Attachment B:

Water Right Search by Location

Query Parameters:

Township = 5n
Range = 1e
Section = 25
Quarter = SE
Search for: active Records

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
	1	63	4086	B		Beneficial Use	Active	7/20/1960	5	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)
	2	63	7123			License	Active	7/11/1968	0.79	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)
	3	63	17454			Beneficial Use	Active	3/20/1938	1.7	DRY CREEK	IRRIGATION	JEKER, JULIUS (Current)

Information for type: Recommendation

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
	4	63	4086	B	1		Active	7/20/1960	5	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)
	5	63	7123		1		Active	7/11/1968	0.79	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)
	6	63	17454		1		Active	3/20/1938	1.7	DRY CREEK	IRRIGATION	JEKER, JULIUS (Current)

Information for type: Statutory Claim, Decree and License

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
	7	63	4086			Statutory Claim	Active	7/20/1960	5	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)
	8	63	7123			License	Active	7/11/1968	0.79	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)
	9	63	17453			Decreed	Active	10/25/1974	0.07	GROUND WATER	STOCKWATER	JEKER, JULIUS (Current)

Number of records = 9

Query Parameters:

Township = 5n
Range = 1e
Section = 25
QQ = SE
Quarter = SW
Search for: active Records

Information for type: Claim

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
	1	63	4086	B		Beneficial Use	Active	7/20/1960	5	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)
	2	63	7123			License	Active	7/11/1968	0.79	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)

Information for type: Recommendation

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
	3	63	4086	B	1		Active	7/20/1960	5	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)
	4	63	7123		1		Active	7/11/1968	0.79	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)

Information for type: Statutory Claim, Decree and License

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
	5	63	4086			Statutory Claim	Active	7/20/1960	5	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)
	6	63	7123			License	Active	7/11/1968	0.79	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)

Number of records = 6

Query Parameters:

Township = 5n
Range = 1e
Section = 25
QQ = SW
Quarter = SW
Search for: active Records

Information for type: Claim

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
	1	63	4086	B		Beneficial Use	Active	7/20/1960	5	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)
	2	63	7941			License	Active	2/26/1974	0.24	GROUND WATER	DOMESTIC, IRRIGATION	FERGUSON, JOHN B (Current)
	3	63	9376			License	Active	5/8/1980	0.13	GROUND WATER	DOMESTIC, IRRIGATION, STOCKWATER	BYNUM, BOBBIE (Current); BYNUM, JACK (Current)

Information for type: Recommendation

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
	4	63	4086	B	1		Active	7/20/1960	5	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)
	5	63	7941		1	License	Active	2/26/1974	0.2	GROUND WATER	DOMESTIC, IRRIGATION	FERGUSON, JOHN B (Current)
	6	63	9376		1	License	Active	5/8/1980	0.13	GROUND WATER	DOMESTIC, IRRIGATION, STOCKWATER	BYNUM, BOBBIE (Current); BYNUM, JACK (Current)

Information for type: Statutory Claim, Decree and License

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List

	7	63	4334			Decreed	Active	10/1/1972	0.04	GROUND WATER	DOMESTIC	SWANSON, BEVERLY A (Current); SWANSON, DONALD R (Current)
	8	63	7941			License	Active	2/26/1974	0.2	GROUND WATER	DOMESTIC, IRRIGATION	FERGUSON, JOHN B (Current)
	9	63	9376			License	Active	5/8/1980	0.13	GROUND WATER	DOMESTIC, IRRIGATION, STOCKWATER	DRAKE, L RAY (Current); DRAKE, SHELLEY M (Current)
	10	63	20102			Decreed	Active	10/10/1976	0.04	GROUND WATER	DOMESTIC	PENCE, DAVID M (Current); PENCE, JOANNE M (Current)

Query Parameters:

Township = 5n
Range = 1e
Section = 35
Quarter = NE
Search for: active Records

Information for type: Claim

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
	1	63	2535			License	Active	8/24/1937	0.7	GROUND WATER	DOMESTIC, IRRIGATION	JEKER, JULIUS (Current)
	2	63	4023	B		Beneficial Use	Active	7/1/1927	3	GROUND WATER	IRRIGATION, STOCKWATER	JEKER, JULIUS (Current)
	3	63	4086	B		Beneficial Use	Active	7/20/1960	5	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)
	4	63	7123			License	Active	7/11/1968	0.79	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)
	5	63	17455			Beneficial Use	Active	5/20/1930	0.41	GROUND WATER	IRRIGATION, STOCKWATER	JEKER, JULIUS (Current)

Information for type: Recommendation

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
	6	63	2535		1		Active	8/24/1937	0.7	GROUND WATER	DOMESTIC, IRRIGATION	JEKER, JULIUS (Current)
	7	63	4023	B	1		Active	7/1/1927	3	GROUND WATER	IRRIGATION, STOCKWATER	JEKER, JULIUS (Current)
	8	63	4086	B	1		Active	7/20/1960	5	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)
	9	63	7123		1		Active	7/11/1968	0.79	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)
	10	63	17455		1		Active	5/20/1930	0.41	GROUND WATER	IRRIGATION, STOCKWATER	JEKER, JULIUS (Current)

Information for type: Statutory Claim, Decree and License

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
	11	63	2535			License	Active	8/24/1937	0.7	GROUND WATER	DOMESTIC, IRRIGATION	PAINE, KARL (Current)
	12	63	4023			Statutory Claim	Active	7/1/1927	3	GROUND WATER	IRRIGATION, STOCKWATER	JEKER, JULIUS (Current)
	13	63	4086			Statutory Claim	Active	7/20/1960	5	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)
	14	63	7123			License	Active	7/11/1968	0.79	GROUND WATER	IRRIGATION	JEKER, JULIUS (Current)

Number of records = 14

Query Parameters:

Township = 5n
Range = 1e
Section = 35
Quarter = SE
Search for: active Records

Number of records = 0

Query Parameters:

Township = 5n
Range = 1e
Section = 35
QQ = NE
Quarter = SW
Search for: active Records

Information for type: Claim

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
	1	63	4982			Statutory Claim	Active	1897-03-01	0.45	DRY CREEK	IRRIGATION	BRUSHER, MARGARET (Current); WEISSHAUPT, HELEN (Current)

Information for type: Recommendation

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
	2	63	4982		1		Active	1897-03-01	0.45	DRY CREEK	IRRIGATION	BRUSHER, MARGARET (Current); WEISSHAUPT, HELEN (Current)

Information for type: Statutory Claim, Decree and License

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
	3	63	4982			Statutory Claim	Active	1897-03-01	0.45	DRY CREEK	IRRIGATION	BRUSHER, MARGARET (Current); WEISSHAUPT, HELEN (Current)

Number of records = 3

Query Parameters:

Township = 5n
Range = 1e
Section = 35
QQ = SW
Quarter = SW
Search for: active Records

Information for type: Claim

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
	1	63	10235			License	Active	6/12/1984	0.04	GROUND WATER	IRRIGATION	TOMTAN, BETTY L (Current); TOMTAN, THOMAS O (Current)

Information for type: Recommendation

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
	2	63	10235		1	License	Active	6/12/1984	0.04	GROUND WATER	IRRIGATION	TOMTAN, BETTY L (Current); TOMTAN, THOMAS O (Current)

Information for type: Statutory Claim, Decree and License

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
	3	63	7771			Decreed	Active	4/9/1973	0.04	GROUND WATER	DOMESTIC	MC KENZIE, DEAN (Current)
	4	63	10235			License	Active	6/12/1984	0.04	GROUND WATER	IRRIGATION	TOMTAN, BETTY L (Current); TOMTAN, THOMAS O (Current)

Number of records = 4

Query Parameters:

Township = 5n
Range = 1e
Section = 36
Quarter = SE
Search for: active Records

Number of records = 0

Query Parameters:

Township = 5n
Range = 1e
Section = 36
QQ = NE
Quarter = SW
Search for: active Records

Number of records = 0

Query Parameters:

Township = 4n
Range = 1e
Section = 1
QQ = NW
Quarter = NW
Search for: active Records

Number of records = 0

Query Parameters:

Township = 4n
Range = 1e
Section = 2
QQ = NE
Quarter = NW
Search for: active Records

Number of records = 0

Query Parameters:

Township = 4n
Range = 1e
Section = 2
QQ = NE
Quarter = NE
Search for: active Records

Number of records = 0

Query Parameters:

Township = 4n
Range = 1e
Section = 2
QQ = NW
Quarter = NE
Search for: active Records

Number of records = 0

Query Parameters:

Township = 5n
Range = 1e
Section = 25
QQ = SW
Quarter = NE
Search for: active Records
POD = 1

Information for type: Statutory Claim, Decree and License

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
	1	63	15281			Decreed	Active	12/31/1983	0.04	GROUND WATER	DOMESTIC	O KEEFE, DENNIS (Current); O KEEFE, JACQUELINE (Current)

Number of records = 1

Query Parameters:

Township = 5n
Range = 1e
Section = 25
QQ = SE

Quarter = NE
Search for: active Records
POD = 1

Number of records = 0

Attachment C:

April 13, 1999 IDWR Memo

MEMO

DATE: 4/13/1999
FR: lg
TO: Files 63-02535, 63-04023, 63-04086, 63-07123
RE: Extensions of Time to Avoid Forfeiture

Due to illness and incompetent help, applicant stated that claimed and licensed acres have not been irrigated since 1994 and has requested protection from forfeiture on the above listed rights.

Two licenses and two statutory claims are used for irrigation, with overlapping p/u and p/d's. 508 total acres have been licensed for the ground water system; 35 listed on license 63-02535 and 473 acres listed on license 63-07123. The statutory claims represent the same system and overlap within the 508 acres. The capacity of the NENE sec 36 well was calculated at 9.49 cfs during the field exam for license 63-07123, however total system capacity has yet to be determined if additional wells are incorporated as listed on 63-04023.

The SRBA claims were basically filed as recorded except that the two statutory claims were split to reflect the portion of the farm owned separately by applicant's sister (Helen Weisshaupt). License 63-07123 also included the sister's acres but was not split in the SRBA, however the sister's acres were excluded from A63-07123. Applicant's sister owns the NW qtr of section 35 (property west of HWY 55).

Per telecon with Helen (sister) and telecon with Julius 4/13/1999, both stated that Helen's property was not and has not been irrigated with ground water. Her irrigation sources are Dry Creek and Spring Creek. The ground water is only applied to Julius' acres east of HWY 55.

All 508 acres appeared irrigated in 1987 per napp photo and also in 1994 per scanned airphoto.

Based on this information, I recommend that the acres in the NW qtr, sec 35, be forfeited and that A63-04023A and A63-04086A be disallowed due to ground water non-use (Helen's acres).

MICROFILMED
FEB 03 2000

Attachment D:

Water Right 63-2535

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Adjudication Recommended Right Report

05/06/2005

WATER RIGHT NO. 63-2535

Owner Type	Name and Address
Current Owner	JULIUS JEKER
	6598 DRY CREEK RD
	BOISE, ID 83703
	(208)939-6235
Original Owner	KARL PAINE
	BOISE, ID

Priority Date: 08/24/1937
Basis:
Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	3/15	11/15	0.7 CFS	
DOMESTIC	1/01	12/31	0.02 CFS	
Total Diversion			0.7 CFS	

Location of Point(s) of Diversion:

GROUND WATER | NENE | Sec. 35 | Township 05N | Range 01E | ADA County

Place(s) of use:

Place of Use Legal Description: IRRIGATION ADA County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
05N	01E	35		NENE	20		NWNE	10		SWNE	5			

Place of Use Legal Description:DOMESTIC same as IRRIGATION

Total Acres: 35

Conditions of Approval:

1.	C18	This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

Dates:

Other Information:
State or Federal: S
Owner Name Connector:
Water District Number:
Generic Max Rate per Acre:
Generic Max Volume per Acre:
Swan Falls Trust or Nontrust:
Swan Falls Dismissed:
DLE Act Number:
Cary Act Number:
Mitigation Plan: False

Close

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Water Right Report

05/10/2005

WATER RIGHT NO. 63-2535

Owner Type	Name and Address
Current Owner	KARL PAINE BOISE, ID

Priority Date: 08/24/1937
Basis: License
Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	/	/	0.7 CFS	
DOMESTIC	/	/		
Total Diversion			0.7 CFS	

Location of Point(s) of Diversion:

GROUND WATER	NENE	Sec. 35	Township 05N	Range 01E	ADA County

Place(s) of use:

Place of Use Legal Description: IRRIGATION ADA County

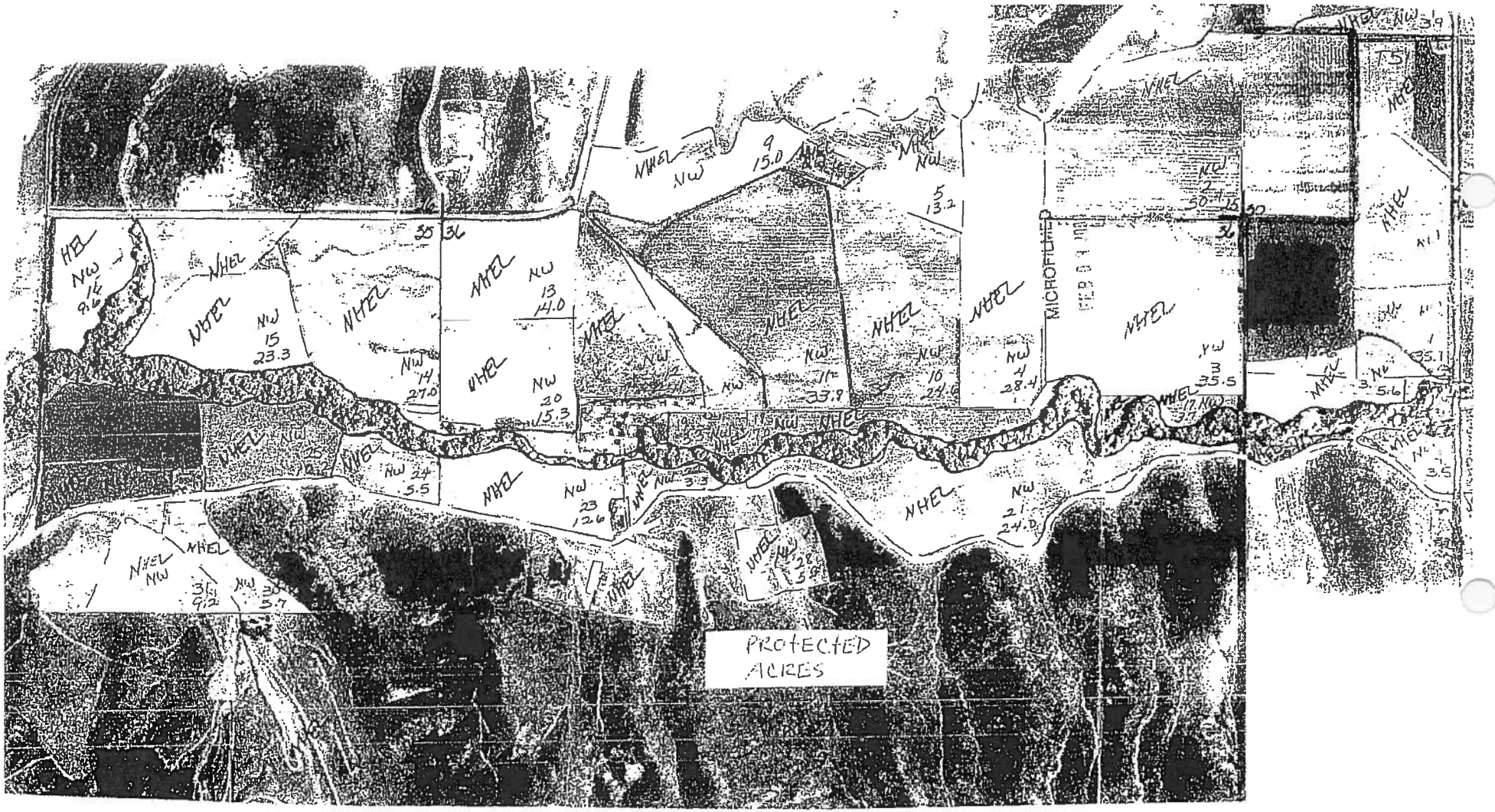
Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acre:
05N	01E	35		NENE	20		NWNE	10		SWNE	5			

Place of Use Legal Description:DOMESTIC same as IRRIGATION

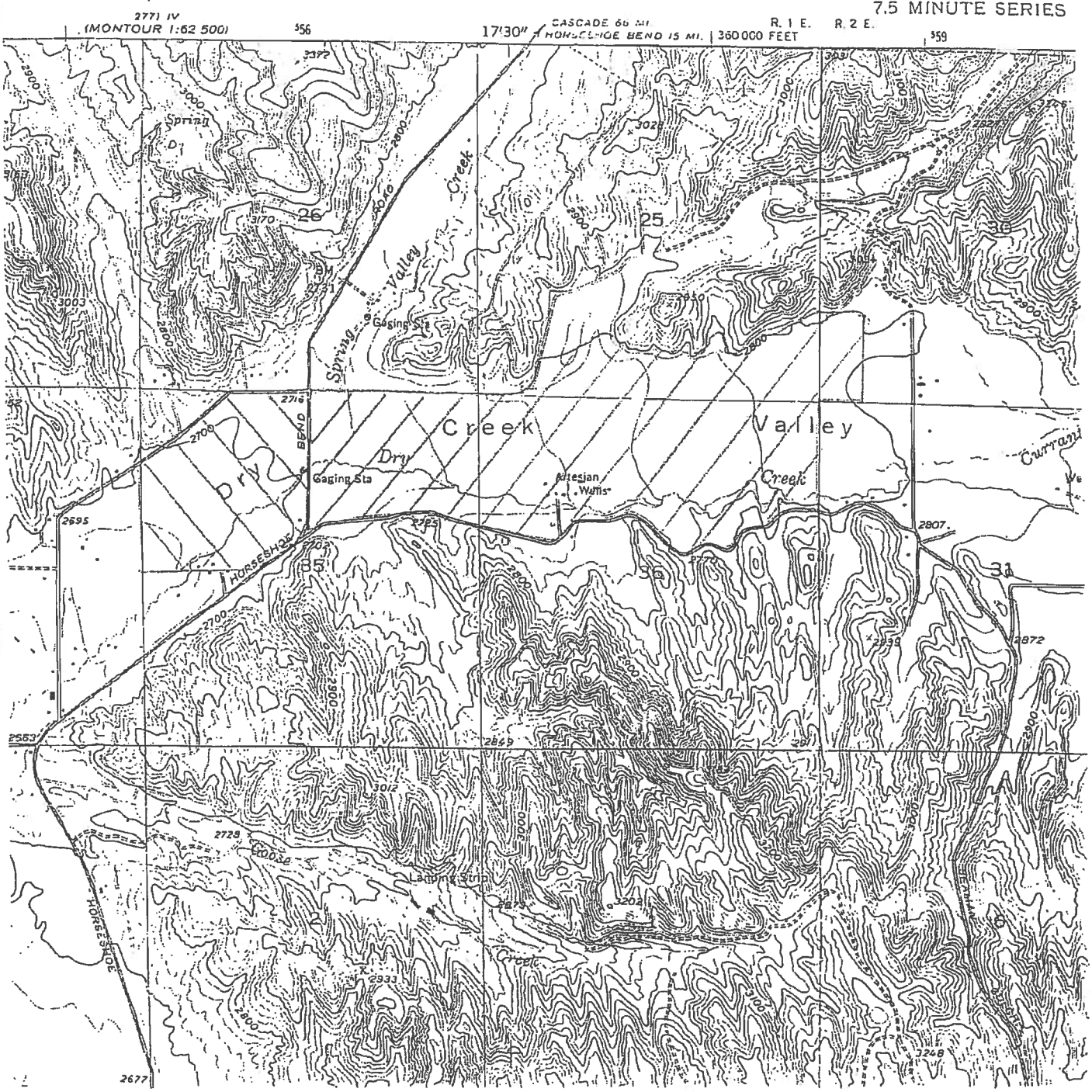
Total Acres: 35

Dates:
Licensed Date: 08/28/1979
Decreed Date:
Permit Proof Due Date:
Permit Proof Made Date:
Permit Approved Date:
Permit Moratorium Expiration Date:
Enlargement Use Priority Date:
Enlargement Statute Priority Date:
Water Supply Bank Enrollment Date Accepted:
Water Supply Bank Enrollment Date Removed:
Application Received Date:
Protest Deadline Date:
Number of Protests: 0

Other Information:
State or Federal:
Owner Name Connector:
Water District Number:
Generic Max Rate per Acre:
Generic Max Volume per Ac e:
Civil Case Number:
Old Case Number:
Decree Plantiff:
Decree Defendant:
Swan Falls Trust or Nontrust:
Swan Falls Dismissed:
DLE Act Number:
Cary Act Number:
Mitigation Plan: False
Close


PROTECTED
ACRES

T5N
R1E



area protected

area not protected
(use surface water only)

MICROFILMED
FEB 0 3 2000

The Idaho
Statesman

P.O. BOX 40, BOISE, IDAHO 83707-0040

LEGAL ADVERTISING INVOICE

Amount Due: $82.75

Account Number/Trans. #	Identification
047628	PROPOSED EXTENSION OF TIME TO AVOID FORFEITURE OF WATER RIGHTS

Ordered By	P.O. Number	Rate	Run Dates
SUE TAYLOR		NT	MARCH 4, 11, 1999

STATE OF IDAHO
DEPT. OF WATER RESOURCES WESTERN REG.
2735 AIRPORT WAY
BOISE, IDAHO 83705 - 5082

Estimated Inches	Real Inches
# Affidavits	Legal Number
1	3459

RECEIVED
MAR 2 2 1999
WATER RESOURCES
WESTERN REGION

LEGAL NOTICE
A NOTICE OF PROPOSED EXTENSION OF TIME
TO AVOID FORFEITURE OF WATER RIGHTS

Notice is given that JULIUS JEKER, 6598 Dry Creek Rd., Boise, ID 83703, has applied to the Dept. of Water Resources for an Extension of Time to Avoid Forfeiture pursuant to I.C. 42-222(2) for groundwater rights recorded as follows in T5N R1E, Ada County, unless otherwidenind:

No.	Priority	CFS	Uses	Point of Diversion
63-02535	8/24/1937	.70	Irrig/Dom	NENE S35
63-04023	7/01/1927	3.00	Irrig/Stock	NWSW S4 (Pit)
63-04086	7/20/1960	5.00	Irrig	NENE S36
63-04123	7/11/1968	.70	Irrig	NENE S36

The first and last rights are licenses and the other shares in Boise Project irrigation district claimed and diversions in S27, S35, S36 and S4 (Pit) (acres) Snake River Basin Adjudication claims are the uses described above, except for a reduction in irrigation to 288 total acres.

Site encompasses 4 miles of Dry Creek drainage just east of HWY 55.

EXTENSION REQUESTED FOR

Sworn, or until 2004. Due to poor quality, applicant has been unable to irrigate the prop-

erty since 1984. Any protests against the approval of the proposed water right applications must be filed with the Department of Water Resources, Western Region, 2735 Airport Way, Boise, ID 83705, together with a protest fee of $25.00 per right on or before March 22, 1999. The protestant must also send a copy of the protest to the applicant.

Karl J. Dreher, Director

Pub: Mar. 4 & 11, 1999

3459

JANICE HILDRETH, being duly sworn, deposes and says: That she is the Principal Clerk of The Idaho Statesman, a daily newspaper printed and published at Boise, Ada County, State of Idaho, and having a general circulation therein and which said newspaper has been continuously and uninterruptedly published in said County during a period of twelve consecutive months prior to the first publication of the notice, a copy of which is attached hereto; that said notice was published in The Idaho Statesman in conformity with Section 60-108, Idaho Code as amended, for TWO

☒ consecutive weekly ☐ single
☐ consecutive daily ☐ odd skip

insertion(s) beginning with the issue of MARCH 4, 1999
and ending with the issue of MARCH 11, 1999

Janice Hildreth

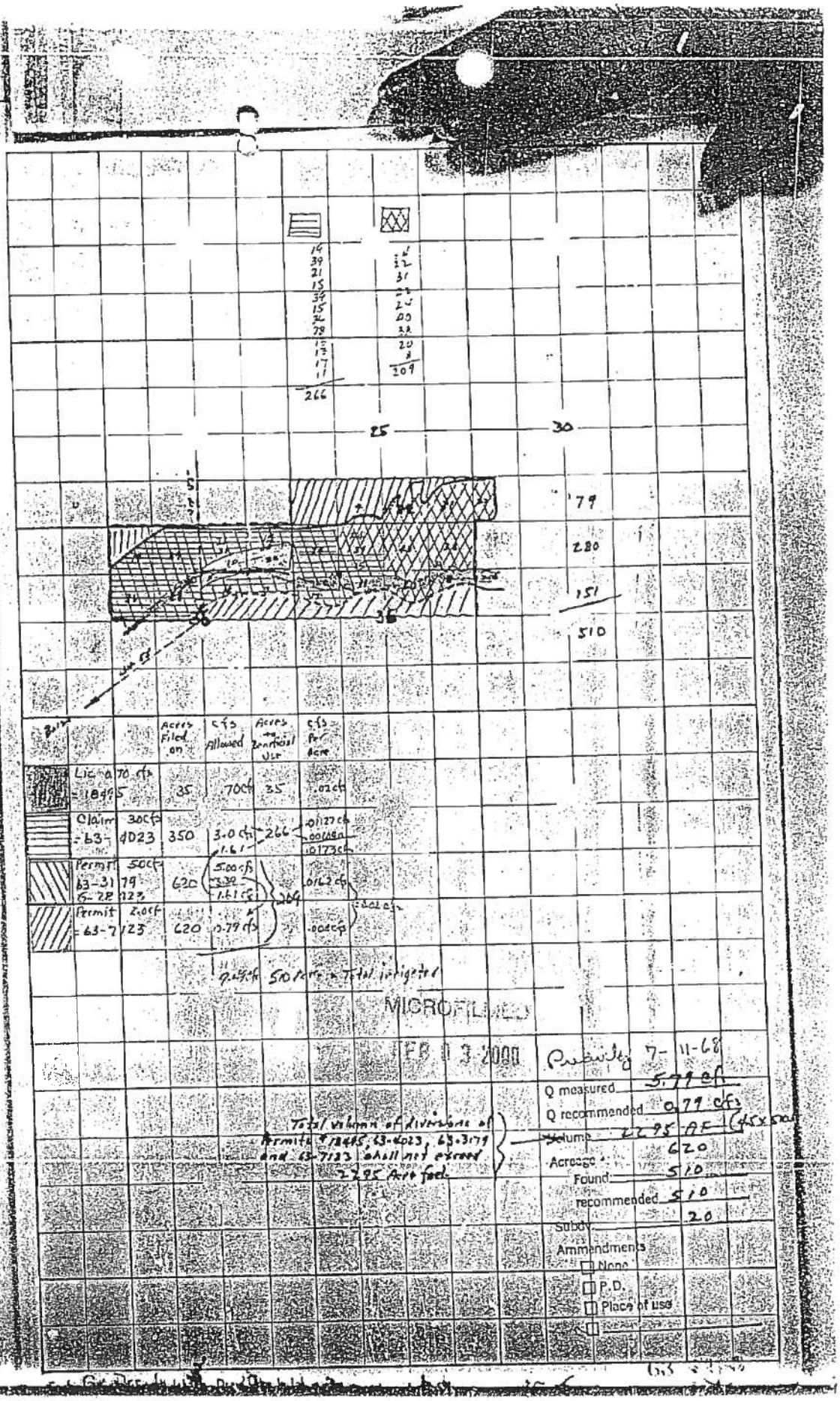
STATE OF IDAHO)
) ss.
COUNTY OF ADA)

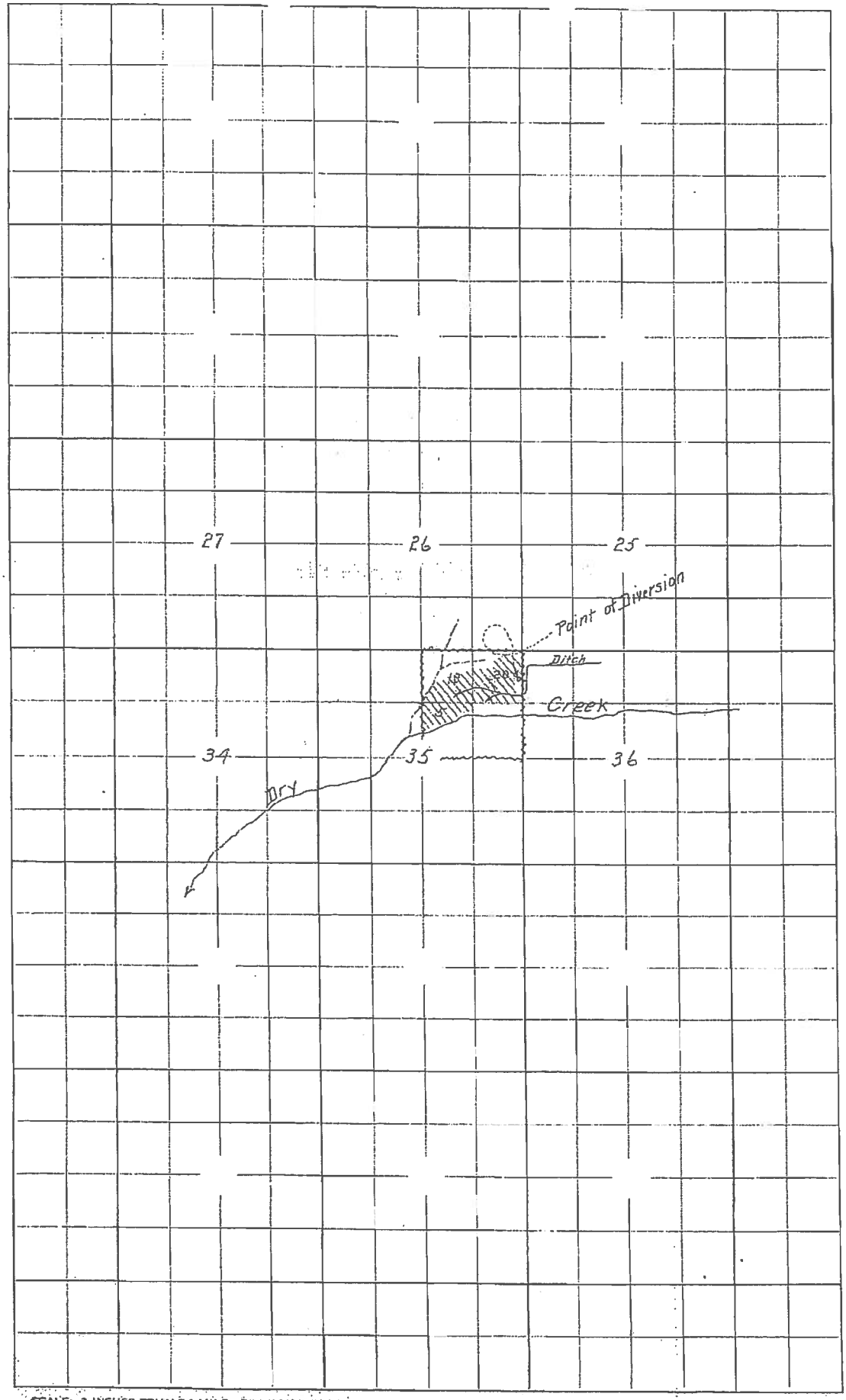
On this 11TH day of MARCH in the year of 1999, before me, a Notary Public, personally appeared JANICE HILDRETH known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that she executed the same.

ANGELA M. NEWLAND NOTARY PUBLIC STATE OF IDAHO

MICROFILMED FEB 2009

Angela M Newland
Notary Public for Idaho
Residing at: Boise, Idaho
My commission expires: 2/16/05


14
39
21
15
35
15
32
78
15
13
17
11
266
12
31
24
20
32
20
8
209
25
30
179
280
151
510
35
Use
Acres Filed on
cfs Allowed
Acres in Contract Use
cfs per Acre
Lic. 18495
70 cfs
35
70cfs
35
.02cfs
Claim 63-4023
30cfs
350
3.0 cfs
1.61
266
.01127 cfs
.00148
.01735cfs
Permit 63-3179
50cfs
620
5.00 cfs
3.39
1.61 cfs
269
.0162 cfs
Permit 63-7123
2.0cfs
620
0.79 cfs
.002cfs
Total 510 Acres Total irrigated
MICROFILMED
FEB 13 2000
Rebuilt 7-11-68
Q measured 5.99 cfs
Q recommended 0.79 cfs
Volume 2295 AF (45x50)
Acreage 620
Found 510
recommended 510
20
Subdv.
Ammendments
None
P.D.
Place of use
Total volume of diversions of Permits #18495, 63-4023, 63-3179 and 63-7123 shall not exceed 2295 Acre feet.



SCALE: 2 INCHES EQUALS 1 MILE. DRAW MAP IN INK.

18495

PROOF OF PUBLICATION

State of Idaho, } ss.
County of Ada, }

L B Jennings being first duly sworn, on oath says that he is the Principal Clerk of the IDAHO PIONEER, a newspaper of general circulation, published weekly by Frank C. Burroughs, Inc., publishers and printers thereof, at Boise, County of Ada, State of Idaho;

That the annexed notice was published in said newspaper once each and every week for 4 consecutive weeks, the first publication being on the 11 day of August, 193 9, and the last publication being on the 1st day of Sept., 193 9;

That the said newspaper has been published continuously and uninterruptedly in said county during a period of more than seventy-eight consecutive weeks prior to the first publication of the attached notice.

Principal Clerk.
~~Foreman~~.

Subscribed and sworn to before me this 1st day of Sept., 193 9.

F. N. Aguirre
Notary Public.

My commission expires June 11, 1940

(SEAL)

NOTICE FOR PUBLICATION

Notice of Proof Application of Water to Beneficial Use.

Notice is hereby given that at 11:40 A.M. Saturday 16th day of September, 1939, at Room 312 Idaho Building, Boise, County of Ada, State of Idaho, before Bert W. Wright Notary Public proof will be submitted of the application to beneficial use of 2½ cubic feet per second of underground waters in the NE¼ NE¼, Sec. 25, Twp. 5 N., R. 2 E., in Ada County, Idaho under and in accordance with the terms and conditions of Permit No. 18445 heretofore issued by the Department of Reclamation of the State of Idaho.

The name and postoffice address of the person or corporation holding said permit is Lawrence Boise, Idaho.

The use to which said water has been applied is irrigation and domestic purposes.

The amount applied to beneficial use is 2½ cubic feet per second.

The place where said water is used is [illegible] and more particularly described as follows: NE¼ NE¼ Quarter Section 25, Twp. 5 N., R. 2 E. B.M.

The name of the canal or ditch or other works by which said water is conducted to such place of use is private ditch.

The right to take water from said works is based upon Permit No. 18495.

The source of supply from which such water is diverted is underground water diverted by means of well.

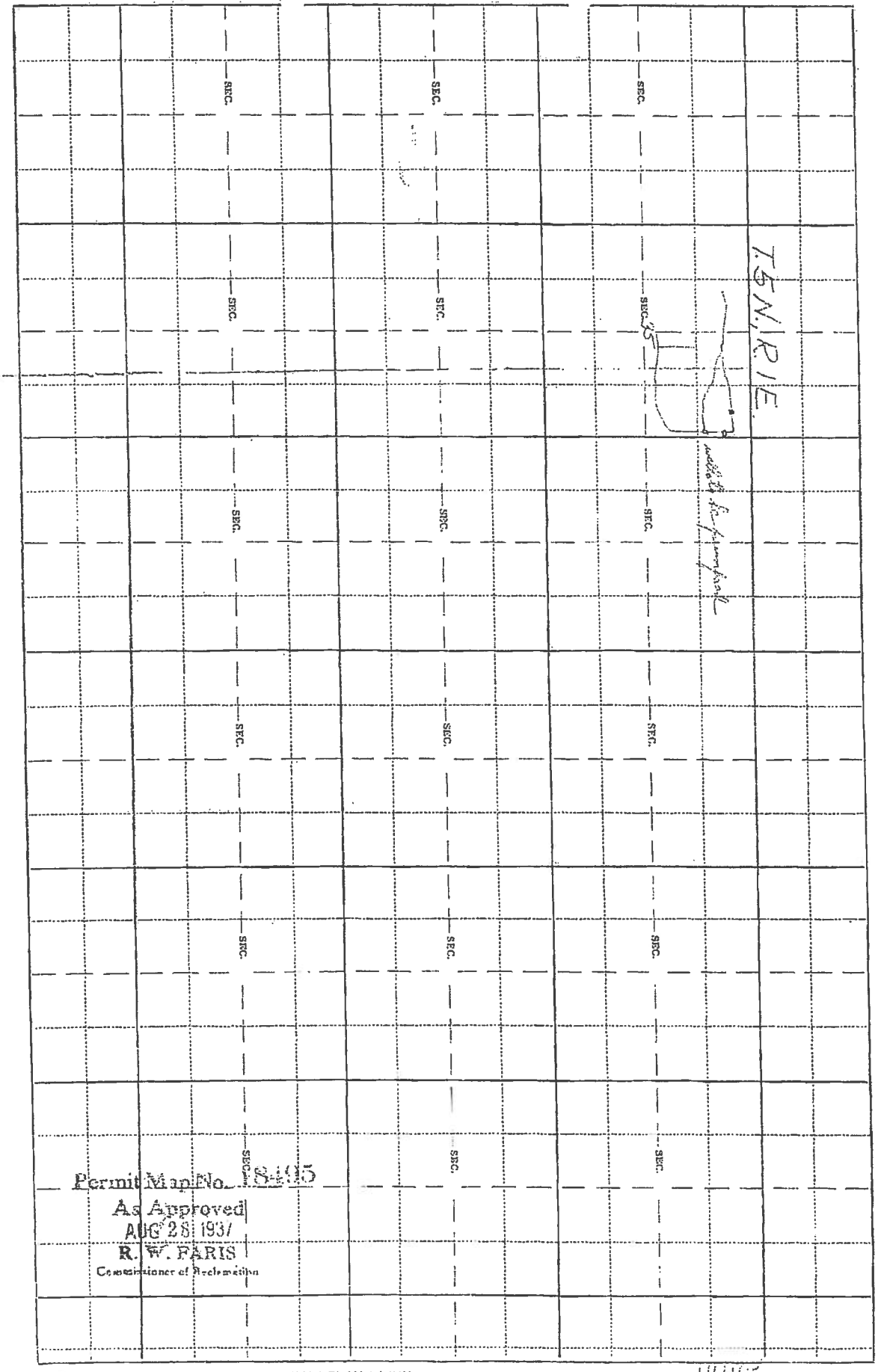
The date of priority which said user is prepared to establish is August 24, 1937.

JAMES SELLUND
Commissioner of Reclamation
1st pub. Aug. 11
last pub. Sept. 1, 1939

18495

NAME OF APPLICANT KARL [illegible] INE

FORM NO. 0



Permit Map No. 8405

As Approved
AUG 28 1937
R. W. PARIS
Commissioner of Reclamation

SCALE: 2 INCHES EQUAL 1 MILE. DRAW PLAN IN INK

1905

Form 2-222
7/94

RECEIVED
JAN 13 1999
Department of Water Resources

Water Right No. 63-2535

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR EXTENSION OF TIME TO AVOID FORFEITURE OF A WATER RIGHT

Section 42-222, Idaho Code, provides that a water right shall be lost and forfeited and the water right revert to the state upon the failure of a water user to apply the water to beneficial use for a period of five (5) years. The Director may allow an additional five (5) year period of non-use without forfeiture upon a showing of reasonable cause.

1. Name of water right holder Julius Jeker
2. Mailing address 6598 Dry Creek Road, Boise, ID 83703
3. The right was obtained or is evidenced by:
   a. Decree to _____ in Case of _____
   vs. _____, Dated _____ in _____ (Name of Court)
   Court, County of _____. Fully describe decree _____
   b. License No. 63-2535 c. Claim No. _____
   d. SRBA No. _____
4. Source of water Underground (Name of stream or source) tributary to _____
5. Date of priority of right August 24, 1937
6. Description of Right:
   amount 0.7 cfs (cfs/ac-ft) for Irrigation purposes from April 1 to October 31
   amount _____ (cfs/ac-ft) for _____ purposes from _____ to _____
7. Point of Diversion NE ¼ NE ¼ of Sec. 35 Twp. 5N Rge. 1E County Ada

8. Lands Irrigated or Place(s) of Use:

TWP	RGE	SEC	NE				NW				SW				SE				Totals
5N	1E	35	20	10	5														35

MICROFILMED
FEB 03 2000

Total Acreage 35

9. Give the last date when water was put to beneficial use 1994 irrigation

Length of extension of time requested five years, or until _____ (Date)

10. Explain fully your reasons for requesting an extension of time within which to resume the use of your water right and reasons for non-use Because of poor health I have been unable to irrigate under this water right since 1994. I have also been unable, thus far, to hire suitable and competent help for the irrigation

The information contained in this application is true to the best of my knowledge.

X _____ (Signature of Applicant)

Subscribed and sworn to before me this 26th day of January, 19 99.

_____ (Notary Public)

TINA L. PAYNE NOTARY PUBLIC STATE OF IDAHO

My commission expires 10/15/04 Residing at Meridian, Idaho

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined this application for extension of time within which to resume the use of a water right and I hereby APPROVED said application subject to the following conditions or reasons:

Approval of this extension does not preclude the review of the extent and validity of the right in the Snake River Basin Adjudication.

The right holder shall resume use of water on or before November 1, 2004.

Signed this 27th day of January, 19 2000.

_____

L. GLEN SAXTON, Bureau Chief, Water Allocations Bureau

FOR DEPARTMENT USE ONLY

Date Received 1-13-99 $100 FEE Receipted by HW Date 1-13-99 Receipt # C044340

Preliminary ✓ by _____ Publication prepared by _____ Pub. approved by _____ Date _____

Published in Idaho Statesman Dates Published 3-4 & 11-99

Protests filed by _____

Copies of protests forwarded by _____ Hearing held by _____ Date _____

Recommended for - APPROVAL / DENIAL By _____

MICROFILMED FEB 03 2000

AFFIDAVIT

The Department hereby files an exception to Claim of Water Right No. 63-4023. An examination of the land listed under Claim No. 63-4023 was made by this Department on November 3, 1939 concerning Permit No. 63-2535. At that time, the examiner found only 35 acres being irrigated within the N½NE¼, SW¼NE¼ Sec. 35, T. 5 N., R. 1 E., B.M. The Claim, as filed, states that there has been 95 acres continuously irrigated within this area since July 1, 1927. Therefore, the basis for this exception is the examination made by this Department on November 3, 1939 which indicates that there could not possibly be 95 acres irrigated within the N½NE¼, SW¼NE¼ Sec. 35 since July 1, 1927.

Dated this 6th day of November, 1970.

Bobby D. Fleenor

BOBBY D. FLEENOR
Assistant Director

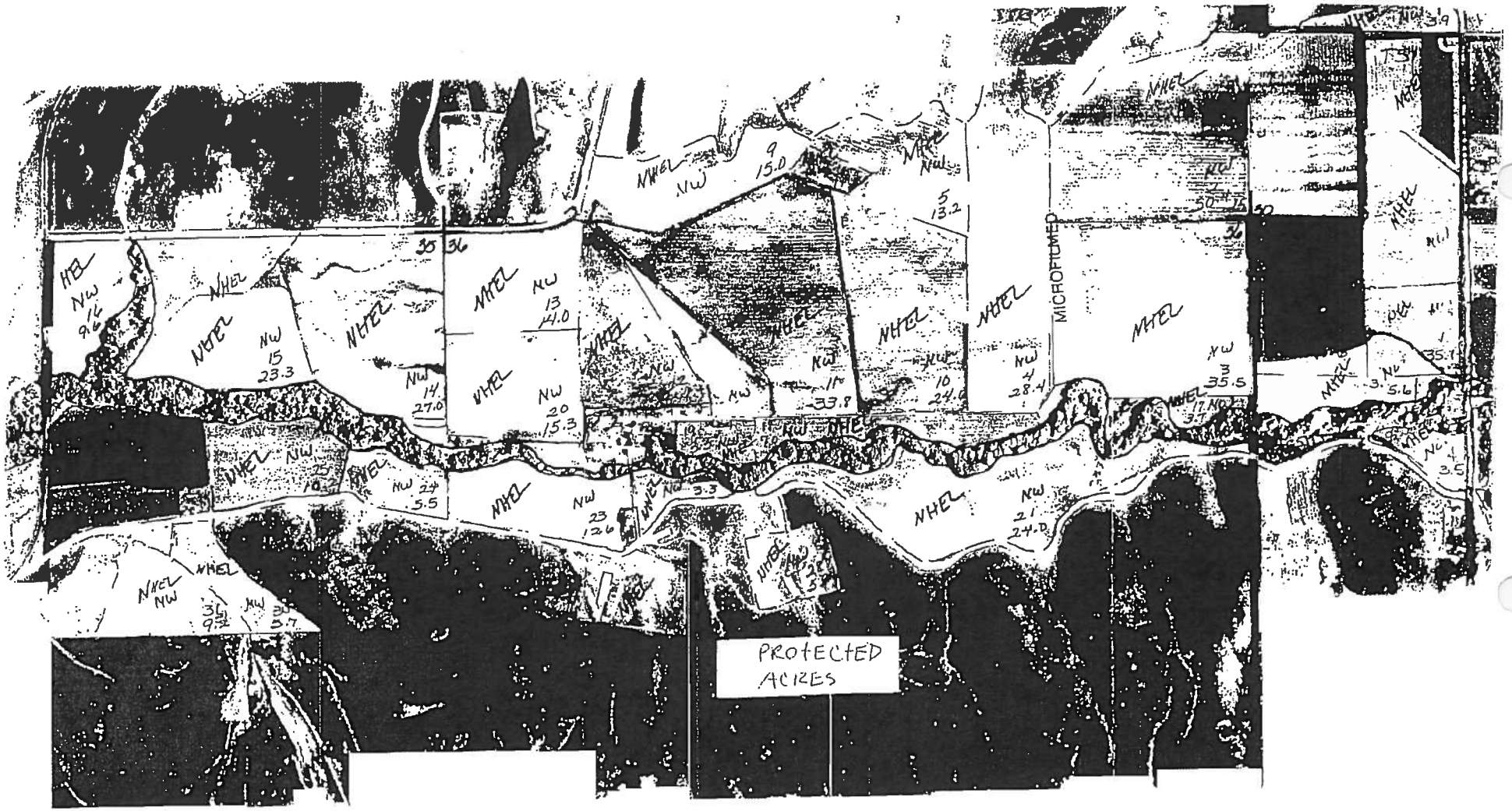
State of Idaho)
County of Ada) ss.

On this 6 day of November, 1970, personally appeared before me the signer(s) of the above instrument, who duly acknowledged to me that he executed the same.

Notary Public

My Commission expires: 2-18-74

63 2535


PROTECTED
ACRES
MICROFILMED

State of Idaho

License and Certificate of Water Right

Water License No. 18495 — Amount 0.7 second foot

Water District No. ____ — Priority August 24, 1937

THIS IS TO CERTIFY that KARL PAINE of Boise, Idaho, made application for a permit to appropriate the public waters of the State of Idaho, dated August 24, 19 37; that Permit No. 18495 was issued under said application; that Certificate of Completion of works, with a carrying capacity of 2.5 second feet, was issued thereunder on August 14, 19 39, showing that said works were completed on the 7th day of August, 19 39; and that on the 15th day of September, 19 39,

KARL PAINE of Boise, State of Idaho, made proof to the satisfaction of the Commissioner of Reclamation of Idaho, of the right to use ~~the waters of~~ underground waters, ~~a tributary of~~, for the purpose of irrigation and domestic use, under Use Permit No. 18495 of the Commissioner of Reclamation and that said right to the use of said waters has been perfected in accordance with the laws of Idaho, and is hereby confirmed by the Commissioner of Reclamation of Idaho and entered of record in Volume 7 of Licenses, at page 3973, on the 18th day of January, 1940;

The right hereby confirmed dates from August 24, 19 37;

The Point of Diversion is located in the NE ¼ NE ¼, Sec. 35, Tp. 5 N., R. 1 E., B. M. Ada County

That the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually needed and beneficially used for said purposes, and shall not exceed 0.7 cubic feet per second.

Description and location of use:

Twp.	Range	Sec.	Forty-acre Tract	No. Acres Described in Permit	No. Acres Actually Irrigated
5 N.	1 E.	35	NE¼ NE¼	40	20
			NW¼ NE¼	30	10
			SW¼ NE¼	30	5
			SE¼ NE¼	25	-
				125	35

The right to the use of the water aforesaid hereby confirmed is restricted to the lands or place of use herein described, as provided by the laws of Idaho.

WITNESS the seal and signature of the Commissioner of Reclamation, affixed at Boise, Idaho, this 18th day of January, 19 40

JAMES SPOFFORD
Commissioner of Reclamation

(SEAL)

3974

State of Idaho

License and Certificate of Water Right

Water License No. 17564 Amount 0.2 second foot

Water District No. Priority December 11, 1931

THIS IS TO CERTIFY that CARLOS WEED of Council, Idaho, made application for a permit to appropriate the public waters of the State of Idaho, dated August 26, 1931; that Permit No. 17564 was issued under said application; that Certificate of Completion of works, with a carrying capacity of 0.2 second feet, was issued thereunder on October 6, 1932, showing that said works were completed on the 16th day of September, 1932; and that on the 9th day of April, 1939,

CARLOS WEED of Council, State of Idaho, made proof to the satisfaction of the Commissioner of Reclamation of Idaho, of the right to use the waters of a group of wet weather springs, ~~a tributary of~~, for the purpose of irrigation and domestic use, under Use Permit No. 17564 of the Commissioner of Reclamation and that said right to the use of said waters has been perfected in accordance with the laws of Idaho, and is hereby confirmed by the Commissioner of Reclamation of Idaho and entered of record in Volume 7 of Licenses, at page 3974, on the 18th day of January, 1940;

The right hereby confirmed dates from December 11, 1931;

The Point of Diversion is located on the line between the NE¼ NW¼ and NW¼ NE¼ in the ~~¼~~ ~~¼~~, Sec. 14, Tp. 15 N., R. 1 W., B. M. Adams County

That the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually needed and beneficially used for said purposes, and shall not exceed 0.2 cubic feet per second.

Description and location of use:

Twp.	Range	Sec.	Forty-acre Tract	No. Acres Described in Permit	No. Acres Actually Irrigated
15 N.	1 W.	14	NE¼ NW¼	25	10
			SE¼ NW¼	3	-
				28	10

The right to the use of the water aforesaid hereby confirmed is restricted to the lands or place of use herein described, as provided by the laws of Idaho.

WITNESS the seal and signature of the Commissioner of Reclamation, affixed at Boise, Idaho, this 18th day of January, 1940

JAMES SPOFFORD
Commissioner of Reclamation

(SEAL)

Karl Paine
Box 483
Boise, Idaho

No 18495

63-2535

APPLICATION FOR PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF IDAHO

Application No. 25814
Permit No. 18495
District No.

1. Name of Applicant: Karl Paine

Postoffice address: Boise County: Ada State: Idaho

I. If applicant is a corporation, give:
(a) Date and place of incorporation:
(b) Amount of capital stock:
(c) Amount paid in:
(d) Names and addresses of directors:

II. The financial resources of the applicant are:
(a) Cash on hand:
(b) Treasury stock
(c) Bonds to be issued:
(d) Other resources:

2. Quantity of water claimed: 2½ cubic feet per second.

3. Source of water supply: Underground water which is a tributary of No other water course so far as known.

4. Location of point of diversion: feet distant from the corner of Section , T. , R. , B. M., and is in the NE¼ NE¼ of Section 35 , T. 5 N. , R. 1 E. , B. M., County of Ada, State of Idaho. See also "Statement" under "Remarks"

5. Water is to be used for: Irrigation and domestic purposes.

6. If for mining, milling, power or manufacturing purposes, give:
(a) Point of use of water: feet distant from corner of Section T. , R. , B. M., in the of Section , T. , R. , B. M.
(b) Amount of power generated: H. P., under feet head.
(c) Water is to be returned to at a point feet distant from the corner of Section , T. , R. , B. M., in the of Section , T. , R. , B. M.

7. Estimated cost of works: $ 3,500

8. Kind of works: wells and ditches

9. Height of dam feet; length of dam at top feet; length of dam at bottom feet; material used in dam:

10. Size of headgate: Width 3 feet; height 2 feet.

11. Ditch: Width at bottom 1½ feet; width at water line 2 feet; depth of water 1½ feet; dimensions of flume:
Diameter of pipe 12 inches; length of conduit One miles.
Average grade per mile 10 feet.

12. The time required for the completion of such work is 2 years.

13. The time required for the complete application of the water to the proposed use is 2 additional years.

14. The land to be irrigated is described in the following tabulation: See remarks.

15. (a) Is reservoir to be used? No. If so, fill in (b) and (c) below.
(b) Name of Reservoir and number of Storage Permit:
(c) Date of filing of Application for Storage Permit and Name of Applicant:

BE IT KNOWN THAT The undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth

KARL PAINE *Applicant.*

By *Agent.*

Date of first receipt at Department of Reclamation: 4:30 P. M., Aug. 24, 1937

Returned to applicant for correction:

Corrected application received:

APPROVAL OF COMMISSIONER OF RECLAMATION

The number of this permit is 18495
Recorded in Book 67 Page 18495 Approved Aug. 28, 1937
This is to certify that I have examined the within application for a permit to appropriate the public waters of the State of Idaho, and hereby approve the same, subject to the following limitations and conditions:
Bond in the sum of $ to be filed on or before
Work to begin on or before October 27, 1937 and to continue diligently and uninterruptedly to completion, unless temporarily interrupted by circumstances over which permit holder has no control.
One-fifth of the work above specified to be completed on or before August 28, 1938
The whole of said work to be completed on or before August 28, 1939
Beneficial use of water appropriated in accordance herewith, to be made on or before August 28, 1941

Witness my hand this 28th day of August, 1937.

R. W. FARIS
Commissioner of Reclamation.

Remarks: See below.

14.

Twp.	Range	Sec.	NE¼				NW¼				SW¼				SE¼				Totals
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
5 N.	1 E.	35	40	30	30	25													125
																			125

Total Number of Acres to be Irrigated---------

Remarks: The water is to be used on both sides of Dry Creek, which runs through the land, and the water used to irrigate the land on the southerly side thereof will be conveyed across said creek by pipe or flume.

One or more wells will be dug or drilled for the development of artesian water, all located in the NE¼ of the NE¼, Sec. 35, Twp. 5 North, Range 1 East, B. M. which subdivision is a part of the land to be irrigated.

In testimony whereof, we, BARZILLA W. CLARK, Governor of the State of Idaho, and IRA H. MASTERS, Secretary of State of the State of Idaho, have hereunto caused this instrument to be executed in the name of the of the State of Idaho, and caused the Great Seal of the State of Idaho to be hereunto affixed this 28th day of August, 1937.

STATE OF IDAHO

By BARZILLA W. CLARK
Governor

(SEAL)

Countersigned:

By IRA H. MASTERS
Secretary of State

PERMIT NO. 18495
Certificate of Completion of Works

TO ALL WHOM IT MAY CONCERN:

This is to certify that KARL PAINE, of Boise, County of Ada, and State of Idaho, the holder of Permit No. 18495 issued upon Application No. 25814, bearing date of priority of August 24, 1937, authorizing the diversion of 2½ second feet of subterranean waters, County of Ada, State of Idaho, for irrigation and domestic purposes, has fully complied with the provisions of the laws of the State of Idaho relating to the proof of completion of the works of diversion set out and described in said Permit; that said works are adequate for diverting and conveying to the place of intended use 2½ second feet of the waters of a well (subterranean), that the point of diversion of said waters is in the NE¼NE¼ of Section 35, Township 5 North, Range 1 East, B.M., and that the lands proposed to be irrigated by the use of said water are described as follows, to-wit: Northeast Quarter of Section 35, Township 5 North, Range 1 East, B.M.

Witness my hand this 14th day of August, A. D. 1939

JAMES SPOFFORD
Commissioner of Reclamation

Proof of Completion of works made August 7, 1939
Certificate of Completion of Works issued August 14, 1939

LICENSE ISSUED FOR .07 SEC. FT.
Page 9973

State of Idaho
DEPARTMENT OF WATER RESOURCES
1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098
Phone: (208) 327-7900 FAX: (208) 327-7866

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

January 27, 2000

JULIUS JEKER
6598 DRY CREEK ROAD
BOISE ID 83703

RE: **WATER RIGHT NOS. 63-02535, 63-04023, 63-04086 AND 63-07123**

Dear Water Right Holder:

Enclosed are copies of approved Applications for Extension of Time to Avoid Forfeiture of a Water Right for the above referenced water rights. Please note that resumption of beneficial use of water shall occur on or before **November 1, 2004.**

Please notify the Department as soon as you resume use of the water. If you have not notified the Department sixty (60) days prior to the resumption date, the Department will send a Resumption of Use Notice to you by certified mail.

Be advised that Section 42-248, Idaho Code, requires you or the owner of these water rights to maintain current ownership and address records on file with the Department. Please contact any office of the Department for the proper form to file a change of ownership of the water rights and/or a change in the address of the owner or if you have any questions concerning this matter.

Sincerely,

L. GLEN SAXTON, Chief
Water Allocation Bureau

Enclosure

c: IDWR - Region

MICROFILMED
FEB 0 3 2000

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM	USE PERIOD TO	DIVERSION RATE	DIVERSION VOLUME
C	KARL PAINE BOISE ID	08/24/1937	IRRIGATION DOMESTIC	00/00 00/00	00/00 00/00	0.700 CFS	
				TOTAL DIVERSION:		0.700 CFS	

Water Source: GROUNDWATER Tributary to: Stage: LICENSE

Point(s) of Diversion: T05N R01E S35 NENE ADA County

Place of use Legal Description for: IRRIGATION

			NE				NW				SW				SE				
			NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	
T	R	S	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	SUM
05N	01E	35	20	10	05														35.0
																	TOTAL ACRES		35.0

Place of use location for DOMESTIC is the same location as described for: IRRIGATION

Pou County: ADA

Other Water Rights Listing Overlapping Place(s) of use:
63-04023 63-04086 63-07123

Dates: App. Received: Priority Date: 08/24/1937
Proof Due Date: Proof Made Date:
Exam Made Date: Exam Sent to S.O.:
Licensed Date: 08/28/1979

Misc: Water District Number: Field Exam Fee:

Comments: Date: 01/13/1999 User-ID: VAULT Subject: Extension of Time Received
Extension of Time Received

Audit: 05/20/85 05/01/88 CONVERT 01/13/99 COMMENTS

I-99

RECEIVED

MAY 1 3 1999

Department of Water Resources

REGIONAL STAFF REVIEW FOR EXTENSION OF TIME TO AVOID FORFEITURE

Water Right 63-02535, -04023, -04086, -07123 Applicant Julius Jaker

Initial review by: LG 1/27/99 (name & date)

ADVERTISING & PROCESSING INFORMATION

WP File Name ADV_FORFEIT. JEKER

Legal Notice electronically sent to State Office ✓

Comment Letters ✓ No ___ Yes, see attached

Extension published correctly ✓ Yes ___ No

Affidavit of publication received ✓ Yes ___ No

Protests received (deadline & fee?) ✓ No ___ Yes, acknowledgement sent

Copy for Regional File ___ Appl. ___ Staff Review page ___ Legal Notice

___ Other, list: _____ pam

REVIEWER'S COMMENTS

Recorded rights overlapping acres + wells. Acres verified for L63-07123 (see below) total system capacity has yet to be determined

SRBA factors Filed as recorded, but with 122 less acres in NW 535. Looks like rights should be split

Verification & other comments Field exam for Lic 63-07123 verified total irrigation for all 4 wells @ 510 acres and system capacity for NENE 536 well @ 9.49 cfs

Additional review memorandum attached? ___ Yes ✓ No

REGIONAL MANAGER'S RECOMMENDATIONS

___ Deny ✓ Approve as noted below:

See Lori Grave's breakdown of approvable POU for this extension in memo dated 4/13/99

by: Gary S 5/11 (name & date)

MEMO

DATE: 4/13/1999
FR: lg
TO: Files 63-02535, 63-04023, 63-04086, 63-07123
RE: Extensions of Time to Avoid Forfeiture

Due to illness and incompetent help, applicant stated that claimed and licensed acres have not been irrigated since 1994 and has requested protection from forfeiture on the above listed rights.

Two licenses and two statutory claims are used for irrigation, with overlapping p/u and p/d's. 508 total acres have been licensed for the ground water system; 35 listed on license 63-02535 and 473 acres listed on license 63-07123. The statutory claims represent the same system and overlap within the 508 acres. The capacity of the NENE sec 36 well was calculated at 9.49 cfs during the field exam for license 63-07123, however total system capacity has yet to be determined if additional wells are incorporated as listed on 63-04023.

The SRBA claims were basically filed as recorded except that the two statutory claims were split to reflect the portion of the farm owned separately by applicant's sister (Helen Weisshaupt). License 63-07123 also included the sister's acres but was not split in the SRBA, however the sister's acres were excluded from A63-07123. Applicant's sister owns the NW qtr of section 35 (property west of HWY 55).

Per telecon with Helen (sister) and telecon with Julius 4/13/1999, both stated that Helen's property was not and has not been irrigated with ground water. Her irrigation sources are Dry Creek and Spring Creek. The ground water is only applied to Julius' acres east of HWY 55.

All 508 acres appeared irrigated in 1987 per napp photo and also in 1994 per scanned airphoto.

Based on this information, I recommend that the acres in the NW qtr, sec 35, be forfeited and that A63-04023A and A63-04086A be disallowed due to ground water non-use (Helen's acres).

MICROFILMED
FEB 0 3 2000

Specifc acres to be protected include:

T5N	R1E	S25	SESW	4
			SWSE	22
			SESE	31
		S35	NENE	35
			NWNE	31
			SWNE	18
			SENE	13
		S36	NENE	38
			NWNE	40
			SWNE	20
			SENE	8
			NENW	39
			NWNW	39
			SWNW	17
			SENW	11
		S30	SWSW	20
				386 total

Specific acres not to be protected include:

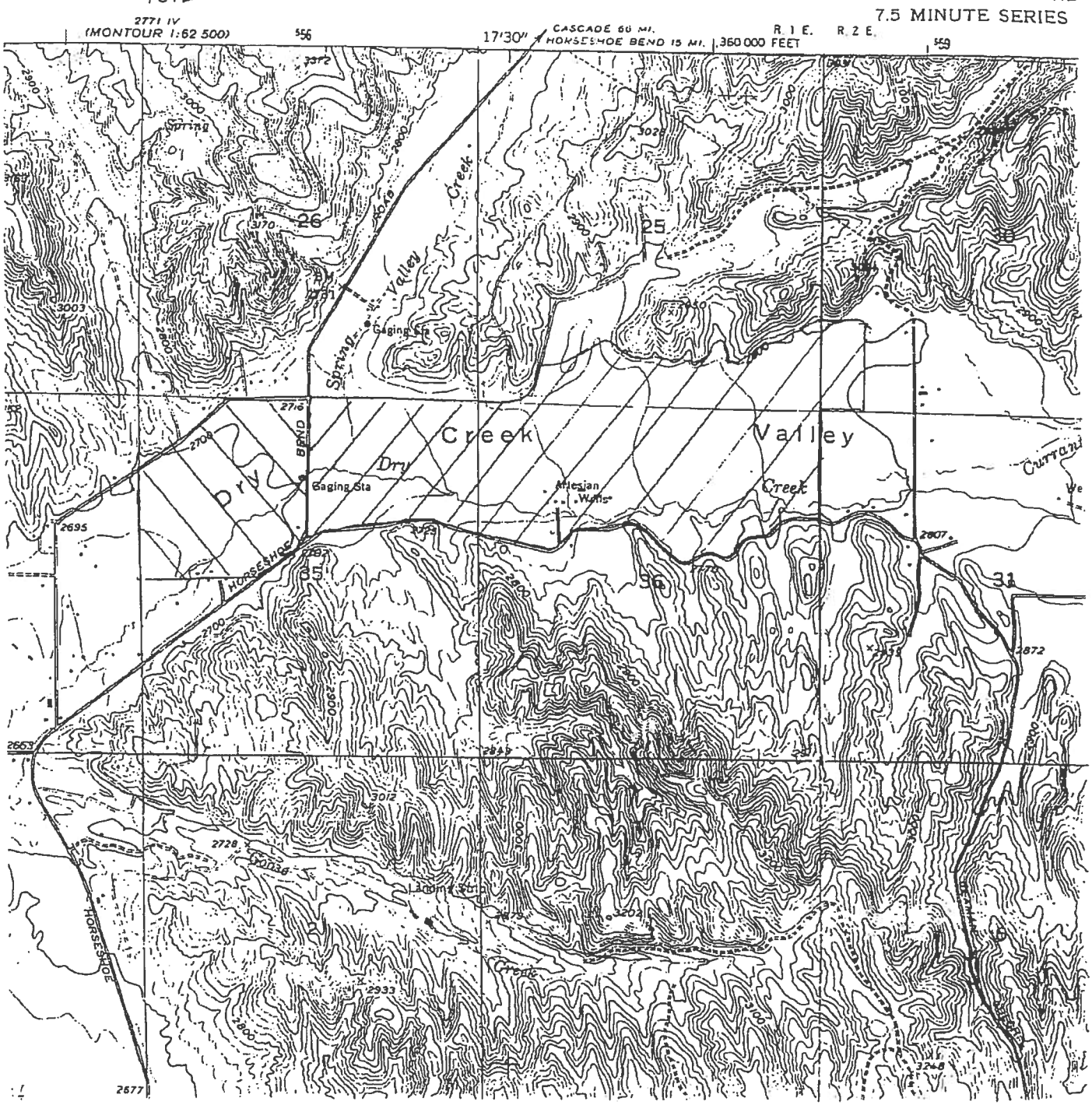
T5N	R1E	S35	NENW	39
			NWNW	19
			SWNW	36
			SENW	28
				122 total

See attached topo map and CFSA photo for visual clarification.

cc: A63-02535, A63-04023A, A63-04086A, A63-07123

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FEB 0 3 2000

T5N
R1E



area protected

area not protected
(use surface waters only)

MICROFILMED
FEB 03 2000

The Idaho
Statesman

P.O. BOX 40, BOISE, IDAHO 83707-0040

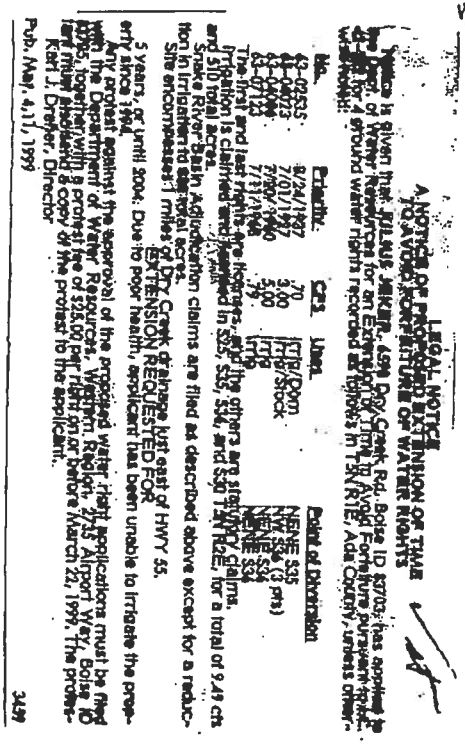
LEGAL ADVERTISING INVOICE

Account Number/Trans. #	Identification			Amount Due
047628	PROPOSED EXTENSION OF TIME TO AVOID FORFEITURE OF WATER RIGHTS			$82.75
Ordered By	P.O. Number	Rate	Run Dates	
SUE TAYLOR		NT	MARCH 4, 11, 1999	

STATE OF IDAHO
DEPT. OF WATER RESOURCES WESTERN REG.
2735 AIRPORT WAY
BOISE, IDAHO 83705 - 5082

Estimated Inches	Real Inches
# Affidavits	Legal Number
1	3459

RECEIVED
MAR 2 2 1999
WATER RESOURCES
WESTERN REGION



LEGAL NOTICE
NOTICE OF PROPOSED EXTENSION OF TIME TO AVOID FORFEITURE OF WATER RIGHTS

Notice is given that JULIUS JEKER, 4590 Dry Creek Rd, Boise ID 83703, has applied to the Department of Water Resources for an Extension of Time to Avoid Forfeiture pursuant to Idaho Code 42-222(4) for 4 ground water rights recorded as follows in T.5N.R.1E, Ada County, unless otherwise noted:

No.	Priority	CFS	Uses	Point of Diversion
63-02933	9/24/1947	70	IRR/Dom	NENE S35
63-04023	7/01/1957	3.60	IRR/Stock	NW SW (3 pts)
63-04044	7/01/1960	5.60	IRR	NENE S34
63-07122	7/11/1968	7/8	IRR	NENE S34

The first and last rights are licensed and the others are claims.
Irrigation is claimed and licensed in S33, S32, S34, and S30 T.6N.R.1E, for a total of 9.49 cfs and 510 total acres.
Snake River Basin Adjudication claims are filed as described above except for a reduction in irrigation to 388 total acres.
Site encompasses 1 miles of Dry Creek drainage just east of HWY 55.
EXTENSION REQUESTED FOR
5 years, or until 2004. Due to poor health, applicant has been unable to irrigate the property since 1994.
Any protest against the approval of the proposed water right applications must be filed with the Department of Water Resources, Western Region, 2735 Airport Way, Boise, ID 83705, together with a protest fee of $25.00 per right on or before March 22, 1999. The protest must state specifically the grounds for protest.
Karl J. Dreher, Director
Pub. May. 4,11, 1999
3459

JANICE HILDRETH, being duly sworn, deposes and says: That she is the Principal Clerk of The Idaho Statesman, a daily newspaper printed and published at Boise, Ada County, State of Idaho, and having a general circulation therein and which said newspaper has been continuously and uninterruptedly published in said County during a period of twelve consecutive months prior to the first publication of the notice, a copy of which is attached hereto; that said notice was published in The Idaho Statesman in conformity with Section 60-108, Idaho Code as amended, for TWO

☒ consecutive weekly ☐ single
☐ consecutive daily ☐ odd skip

insertion(s) beginning with the issue of
MARCH 4, 1999
and ending with the issue of
MARCH 11, 1999

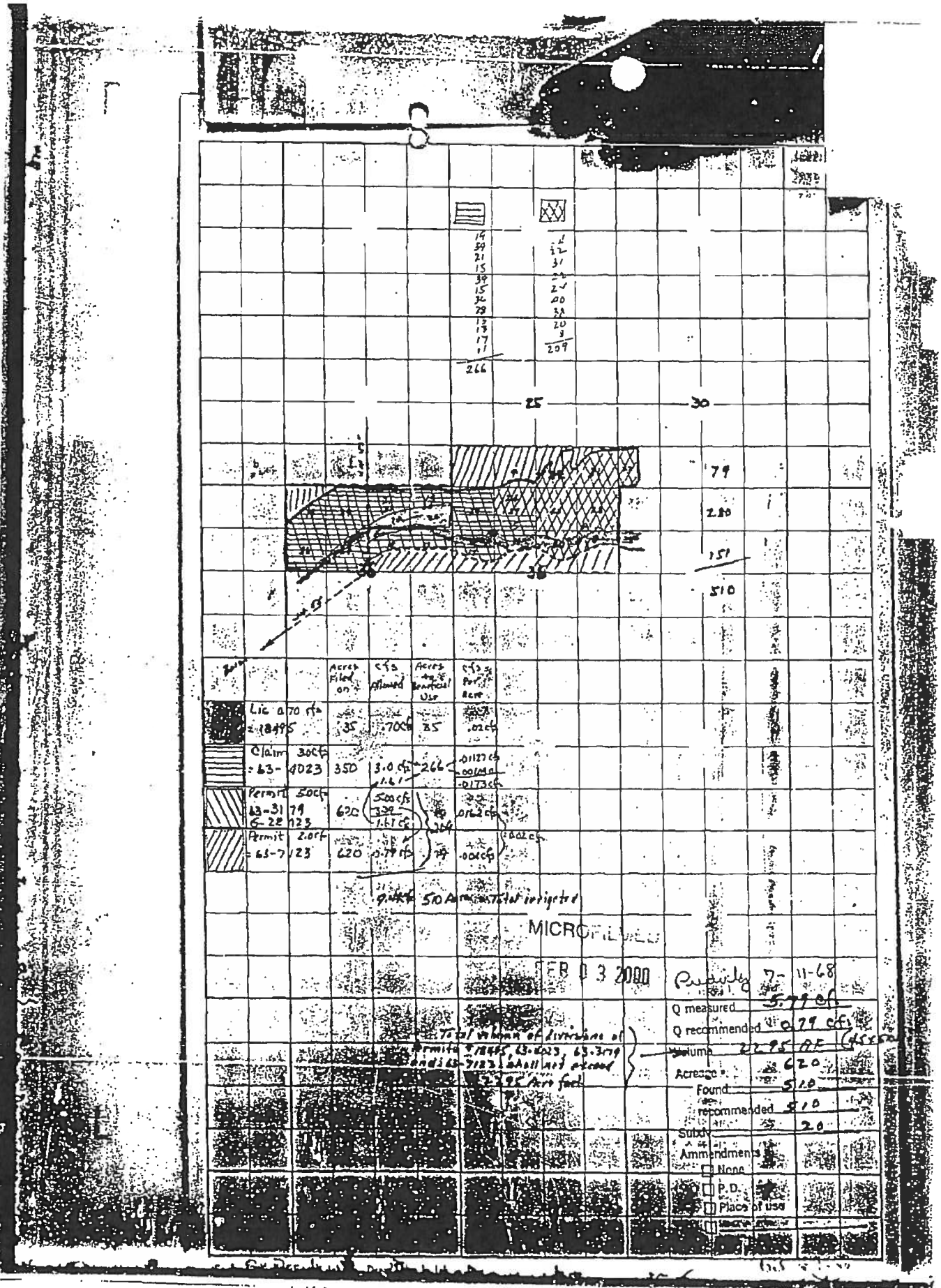
Janice Hildreth

STATE OF IDAHO)
) ss.
COUNTY OF ADA)

On this 11TH day of MARCH in the year of 1999, before me, a Notary Public, personally appeared JANICE HILDRETH known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that she executed the same.

ANGELA M. NEWLAND NOTARY PUBLIC STATE OF IDAHO

Angela M Newland
Notary Public for Idaho
Residing at: Boise, Idaho
My commission expires: 2/11/05


25
30
35
Acres Filed on
cfs allowed
Acres Beneficial Use
cfs Per Acre
Lic a 70 cfs
=18495
35
700cfs
35
.02cfs
Claim 30cfs
=63-4023
350
3.0 cfs
1.61
266
.01127cfs
.00150
.01730cfs
Permit 50cfs
63-31 79
6-28 123
620
5000 cfs
339
1.61 cfs
266
.0162cfs
Permit 2.0cfs
=63-7123
620
0.79 cfs
79
.00128cfs
.0402cfs
9.4cfs 50 Acres total irrigated
MICROFILMED
FEB 03 2000
Q measured 5.79 cfs
Q recommended 0.79 cfs
Volume 22.95 AF
Acreage 620
Found 510
recommended 510
Subdv 20
Ammendments
None
P.D.
Place of use

Janice Hildreth, Idaho Statesman called Monday, February 22, 1999, at 8:15 a.m. She had been on vacation for a month and the people responsible for getting the legal ads in the paper didn't get 6 applications advertised on February 18 and 25. She will advertise them on March 4 and 11 with the protest date on March 22, 1999.

United Water, amendment

Julius Jeker, ext. of time.

City of Eagle, amendment

Lisa Gray, transfer

Don Watkins, app.

Don Watkins, app.

MICROFILMED
FEB 0 3 2000

A NOTICE OF PROPOSED EXTENSION OF TIME TO AVOID FORFEITURE OF WATER RIGHTS

Notice is given that **JULIUS JEKER**, 6598 Dry Creek Rd, Boise ID 83703, has applied to the Dept. of Water Resources for an Extension of Time to Avoid Forfeiture pursuant to I.C. § 42-222 for 4 ground water rights recorded as follows in T5N R1E, Ada County, unless otherwise noted:

No.	Priority	CFS	Uses	Point of Diversion
63-02535	8/24/1937	.70	Irrig/Dom	NENE S35
63-04023	7/01/1927	3.00	Irrig/Stock	NW S36 (3 pts)
63-04086	7/20/1960	5.00	Irrig	NENE S36
63-07123	7/11/1968	.79	Irrig	NENE S36

The first and last rights are licenses, and the others are statutory claims.

Irrigation is claimed and licensed in S25, S35, S36, and S30 T5N R2E, for a total of 9.49 cfs and 510 total acres.
Snake River Basin Adjudication claims are filed as described above except for a reduction in irrigation to 388 total acres.
Site encompasses 1½ miles of Dry Creek drainage just east of HWY 55.

EXTENSION REQUESTED FOR
5 years, or until 2004. Due to poor health, applicant has been unable to irrigate the property since 1994.

Any protest against the approval of the proposed water right applications must be filed with the Department of Water Resources, Western Region, 2735 Airport Way, Boise ID 83705, together with a protest fee of $25.00 per right on or before March ~~8~~ 22 1999. The protestant must also send a copy of the protest to the applicant.

Karl J. Dreher, Director

Published in the Idaho Statesman on ~~February 18 and 25~~ March 4 + 11, 1999.
Statesman error

MICROFILMED
FEB 0 3 2000

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

BOISE

2 June 20, 1941

Re: 18495

Carl Paine
Box 483
Boise, Idaho

Dear Sir:

I enclose herewith blank notice for proof of application of water to beneficial use under your Permit No. 18495, which should be filled out and returned to this office at least 40 days before the date upon which you wish to make proof. The proof must be submitted before a notary public or other officer authorized by law to administer oaths. The date for proof, as set out in your permit, is Aug. 28, 1941, and if proof is submitted subsequent to said date, your priority will be brought down a length of time equal to the time elapsing between the date proof should have been made and the date proof is actually made.

Yours truly,

E. V. BERG.

Commissioner of Reclamation

18495

January 19, 1940

Re: Permit No. 18495

Mr. Karl Paine,
Idaho Building,
Boise, Idaho.

Dear Mr. Paine:-

We are enclosing herewith License and Certificate of Water Right, issued under the above numbered Permit, confirming your right to the use of 0.7 second foot of underground waters, with point of diversion in the NE¼NE¼ Section 35, Township 5 North, Range 1 East, B.M., Ada County.

This is for irrigation and domestic use upon 35 acres in the NE¼NE¼, NW¼NE¼, SW¼NE¼ of this same section, with a date of priority of August 24, 1937.

We also enclose the Department's Receipt No. 17263 for the $6.00 fee paid by you in connection with this final proof.

Very truly yours,

JAMES SPOFFORD
Commissioner of Reclamation
By

JLA
Encs.

Chief Clerk

18495

KARL PAINE
ATTORNEY AT LAW
BOISE, IDAHO

January 16, 1940

James Spofford
Commissioner of Reclamation
Boise, Idaho

Attention Jeanne L. Anderson,
Chief Clerk

Dear Sir

Reference is made to your letter of January 15, 1940.

We enclose Mr. Paine's check for $6.00 to cover the statutory fee.

Yours very truly,

Betty H. Wright

Secretary to Karl Paine

bw.
Encl.

JAN 17 1940

18495

January 15, 1940

Re: Permit No. 18495

Mr. Earl Paine,
Idaho Building,
Boise, Idaho.

Dear Mr. Paine:-

We have received the report of our Field Engineer in connection with his examination for beneficial use proof under the above numbered permit.

This report shows that you are irrigating 35 acres in three legal subdivisions, namely the NE¼NE¼, NE¼NW¼ and SE¼NE¼ Section 35, Township 5 North, Range 1 East, B.M.

Therefore, upon receipt of the statutory fee of $6.00- being at the rate of $2.00 for each legal subdivision, a License will be issued.

Very truly yours,

JAMES SPOFFORD
Commissioner of Reclamation

JLA

By

Chief Clerk

18495

Form 33

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO

REPORT OF ENGINEER

Permit No. 18495

This proof is for Beneficial Use In Water District No.

1. Name of applicant Karl Paine, Idaho Bldg., Boise, Idaho
2. Source of water supply Underground water
3. Location of point of diversion: Is in the NE¼ NE¼ of Section 35
   T. 5 N. R. 1 E. County of Ada
4. Describe works as they exist, giving dimensions and capacities of same: Drilled artesian well, 525 ft total depth, Cased 60 ft with 8 inch casing. Flow controlled by Crane type valve. Ditch 2 ft wide x 1 ft deep
5. Water is used for: Irrigation and domestic purposes
6. State whether or not water has been turned into works of diversion: yes
7. List legal subdivisions of lands to be irrigated. If proof is for beneficial use, give exact number of acres under cultivation in each forty-acre tract. (Describe manner and place of use if for other than irrigation): NE¼ Section 35, Township 5 North, Range 1 East, B.M.

(Submit map on attached plat, showing location and details of above description.

8. What large stream would the water here appropriated finally reach? None

Remarks: Well not in use at time of examination. The ranch Foreman, Mr. Goade, stated that the maximum flow of the well was 125 miners inches.

This examination was made on the 3rd day of November, 1939.

(Signed) Fred L. Tolman
Examiner

18495

53

Karl Paine
Idaho Bldg., Boise, Idaho

Permit No. 18495

Examination for Beneficial Use

County Ada

INSTRUCTIONS TO EXAMINERS

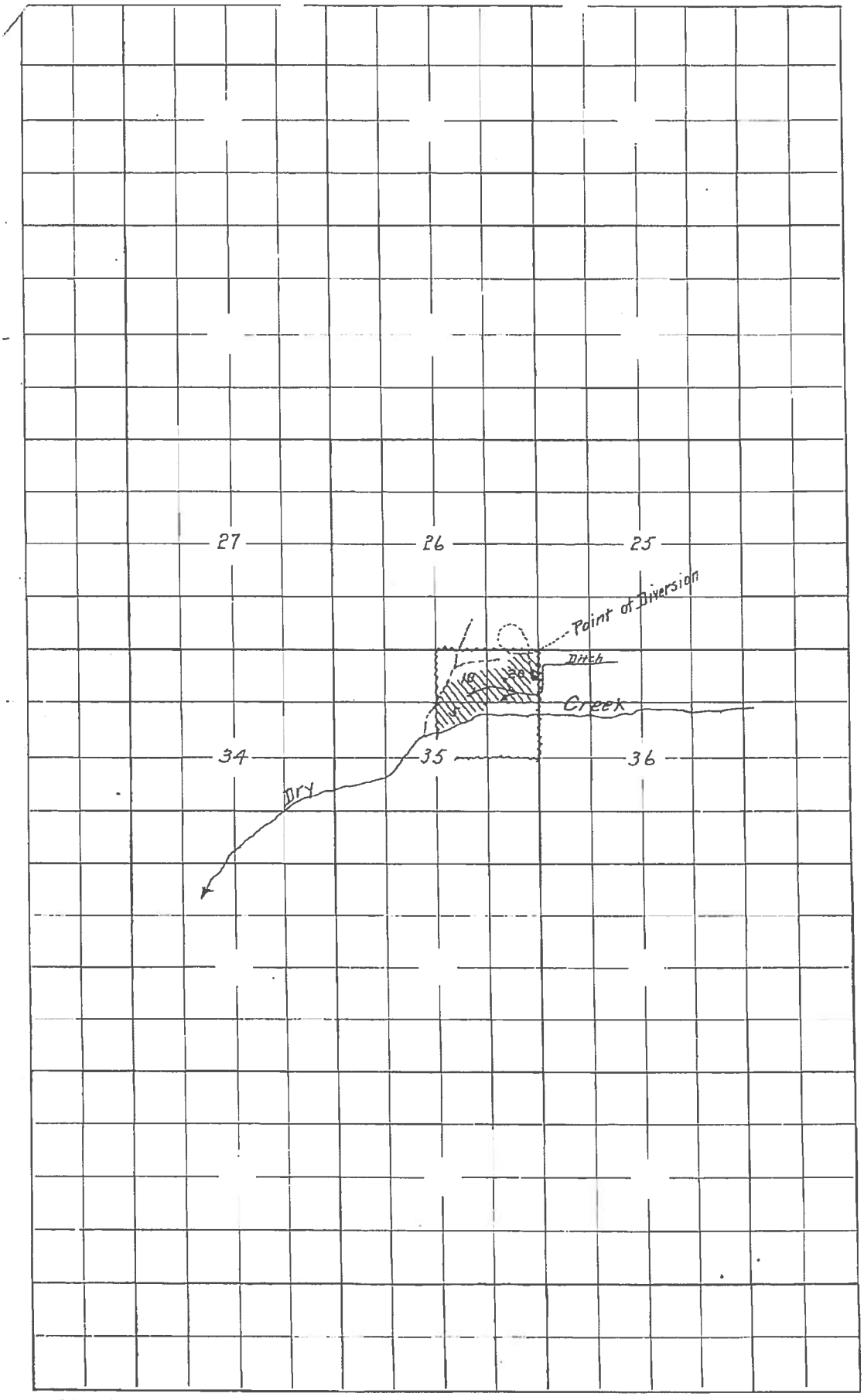
1. Always carefully note the location of the point of diversion and accurately plat same.

2. When proof is for beneficial use, carefully check up the number of acres actually irrigated in each forty and accurately plat same.

3. Make a map showing the correct location of streams and ditches, and the irrigated lands, and any adjacent permanent landmarks, such as towns, lakes, large streams and public roads.

4. If any unusual conditions are discovered, make a plain statement of them under remarks.

5. Always see the holder, if possible, and go over the whole ground with him and make your report only upon actual existing facts and conditions.



SCALE: 2 INCHES EQUALS 1 MILE. DRAW MAP IN INK.

18495

Form 23

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

BOISE

REPORT OF ENGINEER

PERMIT NO. 18495

REPORT ON PROOF OF Beneficial Use

Cert. 0.705F
Fee $6 on 35 acres NW 3 SWS

AD [illegible] AD

18495

October 13, 1939

Re: Permit No. 18495

Mr. Karl Paine,
Idaho Building,
Boise, Idaho.

Dear Sir:-

This will acknowledge receipt of the deposition of the holder, depositions of two witnesses, and the affidavit of proof of publication from the Idaho Pioneer, all in connection with beneficial use proof under the above numbered permit.

Before final action can be taken in this matter, the law requires that a field examination be made by an engineer from this department. We are unable to say just when this examination will be made, since the Department has but one field engineer who makes examinations all over the State.

However, Mr. Tolman, Field Engineer for this department, will contact you at the time set for examination, so that you may show him over the grounds.

After his report is on file in this office, you will be further notified as to fees before the issuance of your license.

Very truly yours,

JAMES SPOFFORD
Commissioner of Reclamation

JLA

By

Chief Clerk

18495

September 18, 1939

Re: Permit No. 18495

Miss Betty L. Wright,
Notary Public,
C/o Mr. Karl Paine,
Idaho Building,
Boise, Idaho.

Dear Miss Wright:-

We are in receipt of your letter of September 15th, which reached us this morning, enclosing depositions as stated in regard to above numbered permit.

However, these are made on Completion of Works forms, instead of the forms for Beneficial Use, and evidently the wrong forms were sent you, which we regret exceedingly.

Can you get the witnesses in your office again to exe ute the proper forms?

Forms for Beneficial Use proof are enclosed herein.

Very truly yours,

JAMES BOFFORD
Commissioner of Reclamation

By

Chief Clerk

TLA
Enc.

18495

KARL PAINE
ATTORNEY AT LAW
BOISE, IDAHO

September 15, 1939

Mr. James Spofford
Commissioner of Reclamation
Boise, Idaho

Dear Sir

Reference is made to your letter of September 5, 1939.

I am returning herewith the following papers in connection with proof of beneficial use of water under Permit No. 18495.

1. Two forms of deposition of witness, one executed by A. E. Goade and the other by Jay W. Goade.

2. Deposition of holder.

3. Affidavit of publication of notice.

Yours very truly,

Betty L. Knight

Notary Public

bw.
Encl.

RECEIVED
SEP 18 1939
Department of Reclamation

18495

PROOF OF PUBLICATION

State of Idaho, } ss.
County of Ada, }

L B Jennings being first duly sworn, on oath says that he is the Principal clerk of the IDAHO PIONEER, a newspaper of general circulation, published weekly by Frank G. Burroughs, Inc., publishers and printers thereof, at Boise, County of Ada, State of Idaho;

That the annexed notice was published in said newspaper once each and every week for 4 consecutive weeks, the first publication being on the 11 day of August, 193 9, and the last publication being on the 1st day of Sept., 193 9;

That the said newspaper has been published continuously and uninterruptedly in said county during a period of more than seventy-eight consecutive weeks prior to the first publication of the attached notice.

Principal Clerk.
~~Foreman.~~

Subscribed and sworn to before me this 1st day of Sept., 193 9.

F. H. Aggers
Notary Public.

My commission expires June 11, 1940

(SEAL)


NOTICE FOR PUBLICATION

18495

Form 15

PERMIT NO. 18495

Proof of Completion of Works

DEPOSITION OF HOLDER

Ques. 1. State your name, residence, occupation and postoffice address.

Ans. Karl Paine; residence, Boise, Ada County, Idaho; occupation, lawyer; postoffice address, Box 483, Boise, Idaho.

Ques. 2. If acting in behalf of a corporation, state its name, principal place of business, your position with reference to same, and your authority for appearing in its behalf.

Ans. ----

Ques. 3. State number and date of permit, amount of water you are authorized to divert, source, and point of diversion.

Ans. No. 18495; date August 28, 1937; 2½ cubic feet per second; source, underground water; point of diversion in NE¼ NE¼, Sec. 35, T. 5 N., R. 1 E, B.M., Ada County, Idaho.

Ques 4. State purpose for which water is to be used, and, if for irrigation, state the number of acres and give description of the land you intend to reclaim.

Ans. For irrigation. 95 acres in Northeast Quarter, Sec. 35, T. 5 N., R. 1 E., B. M., Ada County, Idaho.

Ques. 5. State whether or not the water has been turned into your works of diversion, and, if so, when and to what extent.

Ans. Turned in in fall of 1937 and during the irrigation season of 1938. 125 inches.

Ques. 6. State whether or not the works of diversion are fully completed, and whether or not they comply in all respects with the terms of the permit.

Ans. Yes.

Ques. 7. If the works of diversion do not comply with all the terms of your permit, state fully those particulars in which there is any variance.

Ans. ---

Ques. 8. Give description of works, state dimensions and capacity of each part, and give cost of same.

Ans. Artesian well and ditches. Ditch on north side of Dry Creek. Width of ditch at bottom 1½ ft.; at water line 2 ft; depth of water 1½ ft. length of ditch 1/2 mile; capacity 125 inches of water. Ditch on south side of Dry Creek: Width at bottom 1 ft; width at water line 1½ ft; depth of water 1 ft; capacity 100 inches; length of ditch 1/2 mile; cost of both ditches $100.00. Cost of well $1,000.00.

(Sign here.) Karl Paine

I hereby certify that the foregoing testimony was read to the above subscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me, in Boise, County of Ada, State of Idaho, on this 15th day of September, A. D. 19 39.

Betty L. Wright
Notary Public.

My Commission expires October 24, 1942. Residence: Boise, Idaho

18495

Form 14

The Depositions of two Witnesses, in this form, taken separately, required in each case.

Permit No. 18495

Proof of Completion of Works

DEPOSITION OF WITNESS

Ques. 1. State your name, residence, occupation and postoffice address.

Ans. A. E. Goade, Eagle, Idaho, rancher, Route 1, Eagle, Idaho. (P. O. address.)

Ques. 2. Are you acquainted with Karl Paine, the holder of Permit No. 18495, authorizing the diversion of 2½ second-feet of the waters of an artesian well, at in Ada County, Ida. for irrigation purposes? How long have you known him, and where does he reside?

Ans. Yes, for ten years. He resides at 115 West Jefferson St., Boise, Idaho

Ques. 3. Have you read or heard read said Permit No. 18495, and are you familiar with its terms and conditions?

Ans. Yes.

Ques. 4. (If for irrigation purposes). Are you acquainted with the land proposed to be irrigated under said permit? If so, describe same, state its character, and give your estimate of the amount of water required for its profitable cultivation.

Ans. Yes. 95 acres of arid land which require irrigation at rate of 1/50 of a second foot (1 miner's inch) per acre.

Ques. 5. Are the works of diversion fully completed and of sufficient capacity to convey the entire amount of water set out in the permit from point of diversion to place of use?

Ans. Yes.

Ques. 6. Describe the works of diversion as they now exist, and give your estimate of their capacity.

Ans. Artesian well and ditches. Ditch on north side of Dry Creek: Width of ditch at bottom 1½ ft.; at water line 2 feet; depth of water 1½ ft.; length of ditch 1/2 mile; estimate of capacity 125 inches of water. On south side of Dry Creek: Width at bottom 1 foot; width at water line 1½ ft; depth of water 1 ft; capacity 100 inches; length of ditch 1/2 mile.

(Sign here.) A. E. Goade

I hereby certify that the foregoing testimony was read to the above subscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me, at my office in Boise, County of Ada, State of Idaho, on this 15th day of September, A. D. 1939.

Betty K. Wright
Notary Public for Idaho
Residence: Boise, Idaho

18495

Form 14

The Depositions of two Witnesses, in this form, taken separately, required in each case.

Permit No. 18495

Proof of Completion of Works

DEPOSITION OF WITNESS

Ques. 1. State your name, residence, occupation and postoffice address.

Ans. Jay W. Goade; residence and post-office address, Route 3, Boise, Idaho; occupation rancher.

Ques. 2. Are you acquainted with Karl Paine, the holder of Permit No. 18495, authorizing the diversion of 2½ second-feet of the waters of an artesian well in Ada County, Idaho, for irrigation purposes? How long have you known him, and where does he reside?

Ans. Yes, I have known him for ten years. He resides at 115 West Jefferson St., Boise, Idaho.

Ques. 3. Have you read or heard read said Permit No. 18495, and are you familiar with its terms and conditions?

Ans. Yes.

Ques. 4. (If for irrigation purposes). Are you acquainted with the land proposed to be irrigated under said permit? If so, describe same, state its character, and give your estimate of the amount of water required for its profitable cultivation.

Ans. Yes. 95 acres of arid land which require irrigation at rate of 1/50 of a second foot (1 miner's inch) per acre.

Ques. 5. Are the works of diversion fully completed and of sufficient capacity to convey the entire amount of water set out in the permit from point of diversion to place of use?

Ans. Yes.

Ques. 6. Describe the works of diversion as they now exist, and give your estimate of their capacity.

Ans. Artesian well and ditches. Ditch on north side of Dry Creek: Width of ditch at bottom 1½ ft.; at water line 2 feet; depth of water 1½ ft.; length of ditch 1/2 mile; estimate of capacity 125 inches of water. On south side of Dry Creek: Width at bottom of ditch 1 foot; width at water line 1½ ft; depth of water 1 ft; capacity 100 inches of water; length of ditch 1/2 mile.

(Sign here.) Jay W. Goade

I hereby certify that the foregoing testimony was read to the above subscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me, at my office in Boise, County of Ada, State of Idaho, on this 15th day of September, A. D. 1939.

Betty H. Wright
Notary Public for Idaho
Residence: Boise, Idaho

18495

Form 16.

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

BOISE, IDAHO

Permit No. 18495

Proof of Application of Water to Beneficial Use

Deposition of Holder

Ques. 1. State your name, residence, occupation and postoffice address.

Ans. Karl Paine; residence and post-office address Box 483, Boise, Idaho; 115 W. Jefferson St., Boise, Idaho; occupation, lawyer.

Ques. 2. If acting in behalf of corporation, state its name, principal place of business (if a foreign corporation, give name of postoffice of statutory agent), your position with reference to same, and your authority for appearing in its behalf.

Ans. ------

Ques. 3. State number and date of permit, and date of priority you propose to establish under the permit.

Ans. No. 18495; date August 28, 1937; date of priority August 28, 1937.

Ques. 4. State source of water supply and give exact location of point of diversion.

Ans. Source, underground water; point of diversion in NE¼ NE¼, Sec. 35, T. 5 N. R. 1 E. B. M., Ada County, Idaho

Ques. 5. Describe your works of diversion, and state amount of water they are capable of conveying from point of diversion to place of use, and give name of canal or ditch or other works by which water is conducted to such place of use.

Ans. Artesian well and ditches. Ditch on north side of Dry Creek: Width of ditch at bottom 1½ ft.; at water line 2 ft.; depth of water 1½ ft.; length of ditch 1/2 mile; capacity 125 inches of water. Ditch on south side of Dry Creek: Width at bottom 1 ft.; width at water line 1½ ft.; depth of water 1 ft.; capacity ~~100 inches; length of ditch 1/2 mile;~~

Ques. 6. State for what purpose water is used and describe place of use. (If for irrigation, name each subdivision in which used, and number of acres in each subdivision that have actually been irrigated with said water.) State whether cultivated or natural meadow land and the nature of all improvements which have been made as a direct result of said use.

Ans. Irrigation . 95 acres in Northeast Quarter of Sec. 35, T. 5 North, R. 1 E. B. M., Ada County, Idaho. Arid land. 95 acres in alfalfa, corn, and garden.

Ques. 7. If for other than for irrigation purposes; state how applied, amount of horse power generated, etc.

Ans. ----

OK
HD

18495

Ques. 8. What is the minimum amount of water required for the purpose specified above?

Ans. 125 inches.

Ques. 9. If you are not the person or representative of the corporation to whom above mentioned permit was originally issued, please state how ownership was acquired by present holder.

Ans. -------

Ques. 10. State when, how, in what amount and to what extent the water diverted under above mentioned permit has been used.

Ans. Turned in in fall of 1937 and during the irrigation season of 1938. 125 inches.

Ques. 11. State when, how, in what amount and to what extent waters other than those diverted under the above mentioned permit have been diverted and applied to beneficial use upon the lands herein described. Give full particulars regarding such other appropriations and rights claimed thereunder.

Ans. None

(Sign) T Earl Pair

I hereby certify that the foregoing testimony was read to the above subscribed before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me, at my office in Boise, County of Ada, State of Idaho, on this 22nd day of September, A.D. 19 39.

Betty L. Wright

Notary Public for Idaho
Residing at Boise, Idaho

My commission expires Oct. 24, 1942.

Form 17

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO

PERMIT NO. 18495

Proof of Application of Water to Beneficial Use

Deposition of Witness

The deposition of two witnesses, on this form, taken separately, required in each case.

Ques. 1. State your name, age, residence, occupation and postoffice address.

Ans. Jay M. Goade, residence and post-office address Route 3, Boise, Idaho; occupation rancher. Age over 21 years.

Ques. 2. Are you acquainted with Karl Paine, the holder of Permit No. 18495? How long have you known him and where does he reside?

Ans. Yes, I have known him for ten years. He resides at 115 West Jefferson St., Boise, Idaho.

Ques. 3. Have you read or heard read said Permit No. 18495, and are you familiar with its provisions and conditions?

Ans. Yes.

Ques. 4. State source of water supply, place of diversion, and describe works for conveying water frrom point of diversion to place of use.

Ans. Source, underground water; place of diversion is artesian well in NE¼ NE¼, Sec. 35, Twp. 5 North, Range 1 East, B. M., Ada County, Idaho: Two ditches: one on north side of Dry Creek 1½ ft wide at bottom, at water line 2 ft, depth of water 1½ ft, length of ditch 1/2 mile; capacity 125 inches of water; ditch on south side of Dry Creek, 1 ft wide at bottom, width at water line 1½ ft; depth of water 1 ft.; capacity 100 inches, length of ditch 1/2 mile.

Ques. 5. How many second feet of water do you estimate said works will safely conduct to place of use, and how much water have you seen being so conveyed?

Ans. 2½ second feet or 125 inches; have seen same amount so conveyed.

Ques. 6. State for what purpose water is used and at what place. (If for irrigation, give each sub-division in which water has been used and number of acres irrigated in each subdivision.) State whether cultivated or natural meadow land and the nature of all improvement which have been made as a direct result of said use.

Ans. Irrigation. 95 acres in Northeast Quarter, Sec. 35, T. 5 N., R. 1 E. B. M., Ada County, Idaho. Arid land. 95 acres in alfalfa, corn, and garden.

OK
HD

18495

Ques. 7. If for power or other purposes than irrigation, state how water has been applied and to what extent

Ans. ---

Ques. 8. (If for irrigation) state character of land that has been reclaimed, and give your estimate of the amount of water required for its profitable cultivation.

Ans. Arid land; 125 inches.

Ques. 9. Have you any interest in the works, water or lands above mentioned? If so, in what way and to what extent?

Ans. No interest.

Ques. 10. State when, how, in what amount and to what extent you have witnessed the application to beneficial use of water diverted under said permit.

Ans. Water turned into ditches in fall of 1937 and during the irrigation season of 1938. 125 inches.

(Signed) Jay R. Foote

I hereby certify that the foregoing testimony was read to the above subbscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me in _____, County of Ada, State of Idaho, on this 22nd day of September, A. D. 19 38

Betty V. Wright
Notary Public.

My commission expires Oct. 24, 1942.

Form 17

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO

PERMIT NO. 18495

Proof of Application of Water to Beneficial Use

Deposition of Witness

The deposition of two witnesses, on this form, taken separately, required in each case.

Ques. 1. State your name, age, residence, occupation and postoffice address.

Ans. A. E. Goade, residence and post-office address Route 1, Eagle, Idaho; occupation rancher. Age over 21 years.

Ques. 2. Are you acquainted with Karl Paine, the holder of Permit No. 18495? How long have you known him and where does he reside?

Ans. Yes, have known him for ten years. He resides at 115 West Jefferson, Boise, Idaho.

Ques. 3. Have you read or heard read said Permit No. 18495, and are you familiar with its provisions and conditions?

Ans. Yes.

Ques. 4. State source of water supply, place of diversion, and describe works for conveying water frrom point of diversion to place of use.

Ans. Source, underground water; place of diversion is artesian well in NE¼ NE¼, Sec. 35, Twp. 5 North, Range 1 East, B. M., Ada County, Idaho.

Two ditches; one on north side of Dry Creek 1½ ft wide at bottom, at water line 2 ft, depth of water 1½ ft, length of ditch 1/2 mile; capacity 125 inches of water; ditch on south side of Dry Creek, 1 ft wide at bottom, width at water line 1½ ft; depth of water 1 ft.; capacity 100 inches, length of ditch 1/2 mile.

Ques. 5. How many second feet of water do you estimate said works will safely conduct to place of use, and how much water have you seen being so conveyed?

Ans. 2½ second feet or 125 inches; have seen same amount so conveyed.

Ques. 6. State for what purpose water is used and at what place. (If for irrigation, give each sub-division in which water has been used and number of acres irrigated in each subdivision.) State whether cultivated or natural meadow land and the nature of all improvement which have been made as a direct result of said use.

Ans. Irrigation. 95 acres in Northeast Quarter, Sec. 35, T. 5 N., R. 1 E. B. M., Ada County, Idaho. Arid land. 95 acres in alfalfa, corn, and garden.

OK
MD

18495

Ques. 7. If for power or other purposes than irrigation, state how water has been applied and to what extent

Ans. ---

Ques. 8. (If for irrigation) state character of land that has been reclaimed, and give your estimate of the amount of water required for its profitable cultivation.

Ans. Arid land ; 125 inches.

Ques. 9. Have you any interest in the works, water or lands above mentioned? If so, in what way and to what extent?

Ans. No interest.

Ques. 10. State when, how, in what amount and to what extent you have witnessed the application to beneficial use of water diverted under said permit.

Ans. Water turned in to ditches in fall of 1937 and during the irrigation season of 1938. 125 inches.

(Signed) A. E. Soade

I hereby certify that the foregoing testimony was read to the above subbscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me in ---, County of Ada, State of Idaho, on this 22nd day of September, A. D. 1939.

Betty N. Wright
Notary Public.

My commission expires Oct. 24, 1942.

Form No. 22-B

State of Idaho

DEPARTMENT OF RECLAMATION

BOISE

INSTRUCTIONS

PROOF OF BENEFICIAL USE OF WATER

Boise, Idaho, September 5, 1939

Re: Permit No. 18495

Miss Betty W. Wright, Notary Public,
C/o Mr. Karl Paine,
Idaho Building,
Boise, Idaho

Dear Sir: Miss Wright:

I enclose herewith the following forms to be used in connection with proof of beneficial use of water under Permit No. 18495

Deposition of Permit Holder,
Depositions of Two Witnesses.

In submitting this proof the following instructions should be CAREFULLY followed out, since failure to do so may result in the loss of rights:

1. On September 15, 1939, the date set for proof, the enclosed forms (one for permit holder and one each for two disinterested witnesses) should be filled out and sworn to, at Boise, Idaho before Betty W. Wright, Notary Public,

2. When the depositions have been taken they should be mailed to this office, together with affidavit of publication of notice.

When these have been received, together with report of the examining engineer, if everything is properly executed, you will be further advised as to fees due, etc., before certificate is issued.

Yours truly,

JAMES SPOFFORD
Commissioner of Reclamation.

18495

August 14, 1939

Re: Permit No. 18495

Mr. Earl Paine,
Idaho Building,
Boise, Idaho.

Dear Sir:-

We enclose herein Certificate of Completion of Works issued under the above numbered permit to appropriate 2½ second feet of subterranean water in the NE¼ NE¼ Section 35, Township 3 North, Range 1 East, B.M., Ada County, for irrigation and domestic purposes; also Department's receipt for the statutory fee of $5.00 which you paid in connection with the completion of works proof.

We also acknowledge receipt of notice in duplicate for publication in connection with beneficial use proof on this same permit, and your authorization to have the notice published in the Idaho Pioneer.

A copy of the notice has been sent to the newspaper, with instructions to publish it once a week for four consecutive weeks prior to September 15th, 1939. About ten days prior to that date depositions, consisting one for the holder and one for each of two witnesses, will b mailed to Betty W. Wright, Notary Public, so that she may have them in ample time for the proof.

On the date designated, you should appear at her office, with two disinterested witnesses who are familiar with the terms of the permit and the works constructed thereunder, for the purpose of executing the depositions.

Very truly yours,

JAMES SPOFFORD
Commissioner of Reclamation

By
Chief Clerk

JLA
Encs.

18495

FORM NO. 11-A

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO

Date August 10, 1939

Re: Permit No. 18495

IDAHO PIONEER
Boise, Idaho

DEAR SIR:

Enclosed you will find notice for publication once a week for four consecutive weeks prior to September 15, 1939, the date set for proof, the expense of the publication to be paid by the applicant, Karl Paine, Boise, Idaho

to whom you should furnish proof of publication on or prior to the date set for proof.

Please acknowledge receipt of this notice and furnish this office with a copy of the first publication.

Very truly yours,

JAMES SPOFFORD

Commissioner of Reclamation

18495

Form 10 _

NOTICE FOR PUBLICATION

NOTICE OF PROOF APPLICATION OF WATER TO BENEFICIAL USE

Notice is hereby given that at 11:00 A. M. on the 15th day of September, 19 39 at Room 412 Idaho Bldg., Boise, County of Ada, State of Idaho, before Betty M. Wright, Notary Public, proof will be submitted of the application to beneficial use of 2½ cubic feet per second of ~~the waters of~~ underground waters in the NE¼ NE¼, Sec. 35, Twp. 5 N. R. 1 E., in Ada County, Idaho, in accordance with the terms and conditions of Permit No. 18495 heretofore issued by the Department of Reclamation of the State of Idaho.

The name and postoffice address of the person or corporation holding said permit are Karl Paine, Boise, Idaho

The use to which said water has been applied is irrigation and domestic purposes

The amount applied to beneficial use is 2½ cubic feet per second

The place where said water is used (if for irrigation, give full and accurate description of the lands irrigated) Northeast Quarter, Section 35, Twp. 5 N., R. 1 E. B. M.

The name of the canal or ditch or other works by which said water is conducted to such place of use is private ditch

The right to take water from such works is based upon Permit No. 18495

The source of supply from which such water is diverted is underground water diverted by means of well

The date of priority which said user is prepared to establish is Aug. 24, 1937

JAMES SPOFFORD
Commissioner of Reclamation.

18495

Form 6

Permit No. 18495

STATE OF IDAHO

Department of Reclamation

Proof of Completion of Works

AFFIDAVIT OF HOLDER

STATE OF IDAHO }
County of Ada } ss.

Karl Paine, being first duly sworn, upon his oath deposes and says:

First: That he is the holder and owner of Permit to Appropriate the Public Waters of the State of Idaho, No. 18495, and that his postoffice address is Box 483, Boise, State of Idaho

Second: That the name of the stream from which said water is to be directed is underground water.

Third: That the point of diversion of said water is a well

Fourth: That under the terms and conditions of said permit, construction thereunder was required to be completed by August 28, 1939

Fifth: That the use for which said water is intended is irrigation.

Sixth: That on the date above mentioned, the works constructed under said permit were ~~(or were not)~~ fully completed and consisted of the following:

I. Kind of works: Artesian well and ditch.
(Reservoir, dam, ditch, flume, pipe or otherwise.)

II. Dimensions of work:

(a) Height of dam --- feet, length of dam at top ..... feet, length of dam at bottom ..... feet. Material used in construction .....
(State whether wood, earth, stone or concrete.)

(b) Capacity of reservoir --- acre feet.

(c) Size of headgate: Width --- feet, height ..... feet.

(d) Conduit (ditch) width at bottom 1½ feet, width at water line 2 feet
(State whether ditch, flume or pipe.)
feet, depth of water 1½ feet; diameter of pipe --- inches, average grade per mile is 10 feet. Length of conduit is One miles.

Seventh: That said works are capable of conducting to the place of intended use 2½ second feet ~~second-feet~~ of water.

Eighth: That water appropriated under said permit is available for 125 acres of land described as follows: The Northeast Quarter of the Northeast Quarter, or 40 acres; 30 acres in Northwest Quarter of Northeast Quarter; 30 acres in Southwest Quarter of Northeast Quarter; 25 acres in Southeast Quarter of Northeast Quarter, or total of 125 acres.

Ninth: Remarks: That

/s/ Karl Paine
(Sign here)

Subscribed and sworn to before me this 7th day of August, 1939

Betty K. Wright
Notary Public.

My commission expires October 24, 1942

Residing at Boise, Idaho

OK
ID 8-8-39
18495

Form 6

Permit No. 18495

STATE OF IDAHO

Department of Reclamation

Proof of Completion of Works

AFFIDAVIT OF HOLDER

AUG 1 1939

STATE OF IDAHO
County of Ada } ss.

Karl Paine, being first duly sworn, upon his oath deposes and says:

First: That he is the holder and owner of Permit to Appropriate the Public Waters of the State of Idaho, No. 18495, and that his postoffice address is Box 483, Boise, State of Idaho.

Second: That the name of the stream from which said water is to be directed is underground water.

Third: That the point of diversion of said water is a well

Fourth: That under the terms and conditions of said permit, construction thereunder was required to be completed by August 28, 1939

Fifth: That the use for which said water is intended is irrigation.

Sixth: That on the date above mentioned, the works constructed under said permit were ~~(or were not)~~ fully completed and consisted of the following:

I. Kind of works: Artesian well and ditch.
(Reservoir, dam, ditch, flume, pipe or otherwise.)

II. Dimensions of work:

(a) Height of dam -- feet, length of dam at top ..... feet, length of dam at bottom. ..... feet. Material used in construction .....
(State whether wood, earth, stone or concrete.)

(b) Capacity of reservoir -- acre feet.

(c) Size of headgate: Width -- feet, height ..... feet.

(d) Conduit (ditch) width at bottom 1½ feet, width at water line 2 feet
(State whether ditch, flume or pipe.)
feet, depth of water 1½ feet; diameter of pipe -- inches, average grade per mile is 10 feet. Length of conduit is One miles.

Seventh: That said works are capable of conducting to the place of intended use 2½ second feet ~~second-feet~~ of water.

Eighth: That water appropriated under said permit is available for 125 acres of land described as follows: The Northeast Quarter of the Northeast Quarter, or 40 acres; 30 acres in Northwest Quarter of Northeast Quarter; 30 acres in Southwest Quarter of Northeast Quarter; 25 acres in Southeast Quarter of Northeast Quarter, or total of 125 acres.

Ninth: Remarks: That

/ Karl Paine
(Sign here)

Subscribed and sworn to before me this 7th day of August, 1939

Billy K. Wright
Notary Public.

My commission expires October 24, 1942

Residing at Boise, Idaho

OK ID 8-8-39
18495

Form No. 11

NOTICE TO ACCOMPANY THIS LETTER MUST BE MADE IN DUPLICATE

(Date) Aug 7 1939

(P. O.) Boise Idaho

TO THE COMMISSIONER OF RECLAMATION:

Boise, Idaho.

Dear Sir:

You are hereby authorized to have the attached notice published at my expense in the Idaho Pioneer of Boise Idaho, published in the county in which the works are situated.

Karl Parvin

(In case of canals or other works designed to divert and carry more than 50 cubic feet of water per second, the following certificate must be signed by a well-known and competent engineer)

I hereby certify that the facts set forth in the attached notice are true.

Engineer.

18495

May 10, 1939

Re: Permit No. 18495
Karl Paine

Mr. Edwin Snow,
Idaho Building,
Boise, Idaho.

Dear Mr. Snow:-

In reply to your letter of May 10th, we are enclosing herewith blank notice for proof of application of water to beneficial use under the above numbered permit, which should be filled out and returned to this office at least forty days before the date upon which proof is to be made, as it must be published once a week for four consecutive weeks prior to said date.

The proof must be submitted before a Notary Public, or other officer authorized by law to administer oaths.

We are also enclosing, as you request, the forms of deposition to be used by the Notary Public in connection with this proof, by the holder and two witnesses

Very truly yours,

JAMES BOFFORD
Commissioner of Reclamation

JLA
Encs.

BY

Chief Clerk

18495

Edwin Snow
Lawyer
Boise, Idaho

May 10, 1939

Department of Reclamation
Boise, Idaho

Attention Mr. James Spofford

Gentlemen

Re: Permit No. 18495

The holder of the above permit desires to make proof of beneficial use of water in the near future. I would accordingly appreciate it if you would mail me the necessary blanks for this proof and for the notice to be published.

Thanking you, I am

Very truly yours,

Edwin Snow

EDWIN SNOW

ES.bw

RECEIVED
MAY 10 1939
Department of Reclamation

18495

Form No. 5

State of Idaho

DEPARTMENT OF RECLAMATION

BOISE

Re: Permit No. 18495

INSTRUCTIONS

PROOF OF COMPLETION OF WORKS

Mr. Karl Paine,
Idaho Building,
Boise, Idaho

Boise, Idaho, April 28, 1939

Dear Sir:—

Under the terms of your permit No. 18495 you are required to complete your diversion works on or before ~~August 28, 1939~~ In reply to your letter of April 27th. I enclose herewith blank affidavit to be filled out, sworn to by you before a Notary Public or a Justice of the Peace, and returned to this office on or before the above date, or within ten days thereafter, for the purpose of making proof of completion under the permit. Upon receipt of this affidavit in this office, provided the same satisfactorily shows the completion of the works substantially in accordance with the terms of the permit, together with a fee of $5.00, a Certificate of Completion will be issued to you.

The certificate to be issued under this proof will not give a perpetual right to the use of water for which application was made, as it only confirms the completion of works of a capacity to divert and convey to the place of intended use a certain amount of water. The law requires that another proof be submitted when the water has been fully applied to a beneficial use, at which time license is issued for the amount of water actually in use. Information in regard to this last proof will be furnished on request.

Yours truly,

JAMES SPOFFORD

Commissioner of Reclamation.

18495

KARL PAINE
ATTORNEY AT LAW
BOISE, IDAHO

April 27, 1939

James Spofford
Commissioner of Reclamation
Boise, Idaho

Dear Sir

Will you kindly send me proofs for completion of irrigation works under permit No. 18495?

Yours very truly,

Karl Paine

KARL PAINE

KP.bw

2 1/2 Sec ft
Dec Supp

18495

State of Idaho
DEPARTMENT OF RECLAMATION
BOISE

Permit No. 18495

Boise, Idaho, August 30, 1937

Dear Sir:

I enclose herewith above numbered permit. BE SURE AND NOTE LIMITATIONS AND CONDITIONS OF SAME as given under approval of the Commissioner of Reclamation on the third page.

Karl Paine
Box 433
Boise, Idaho

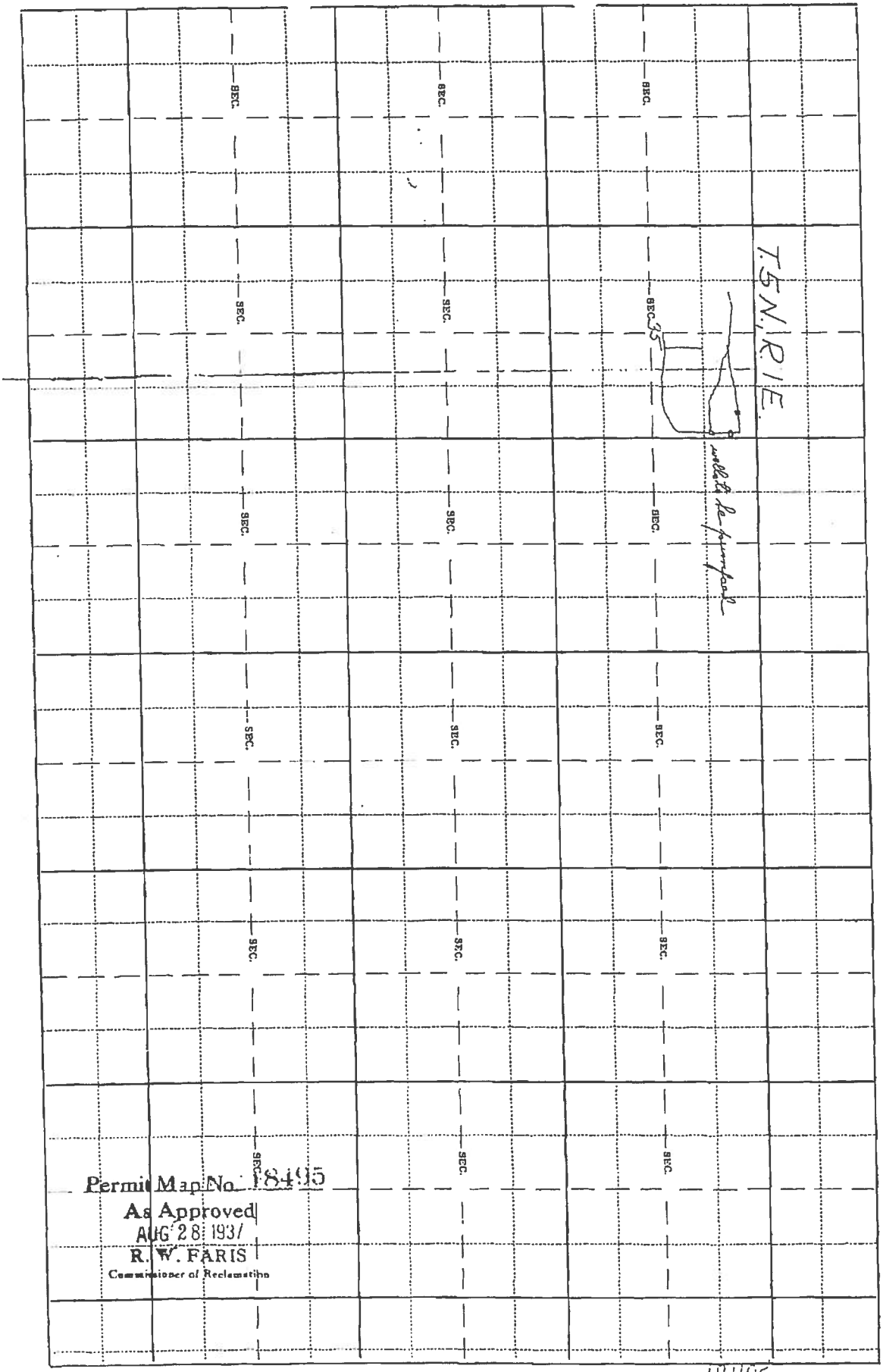
R. W. FARIS
Commissioner of Reclamation.

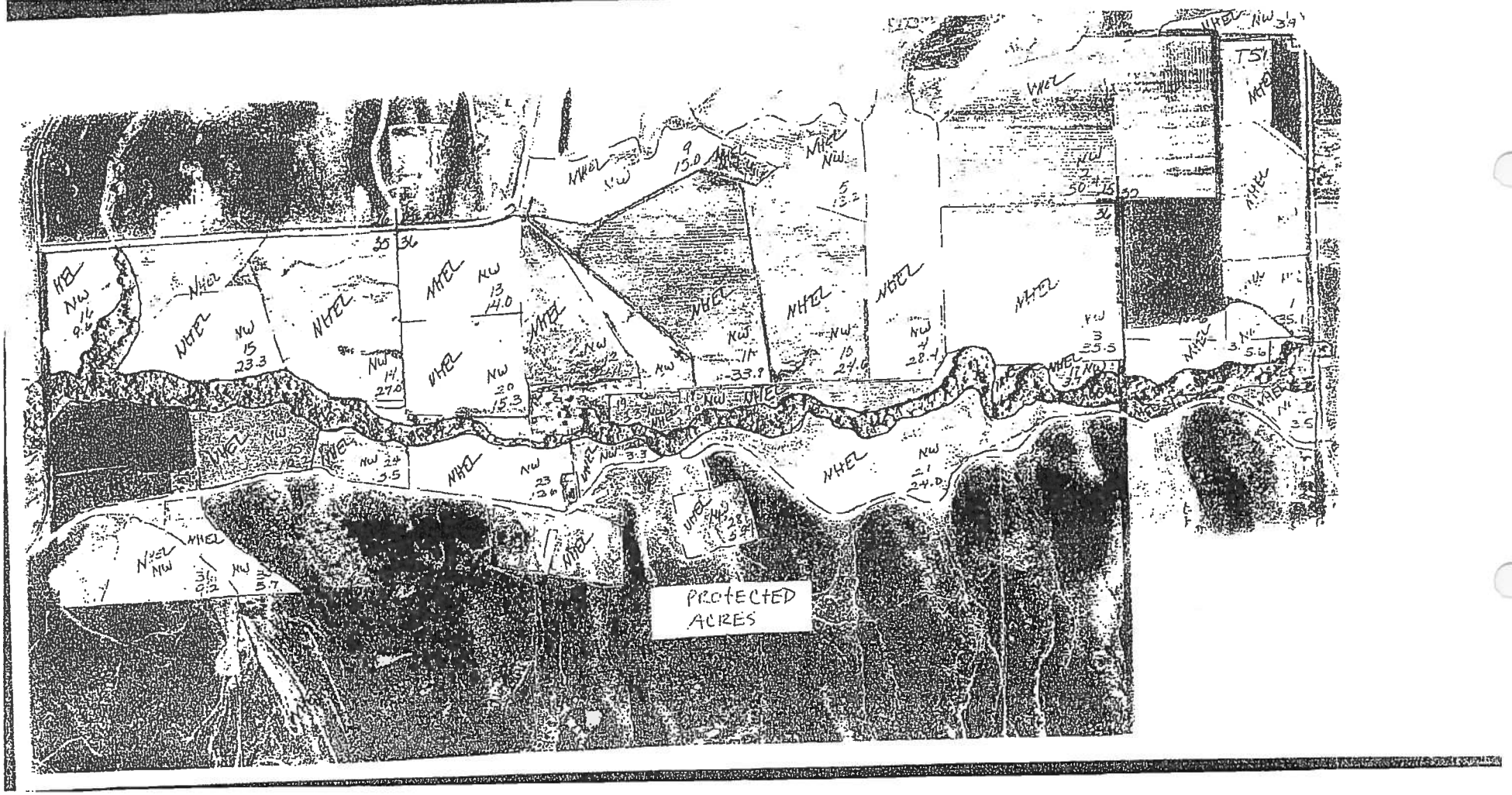
Encl.
Office Receipt for $5.50.

18495

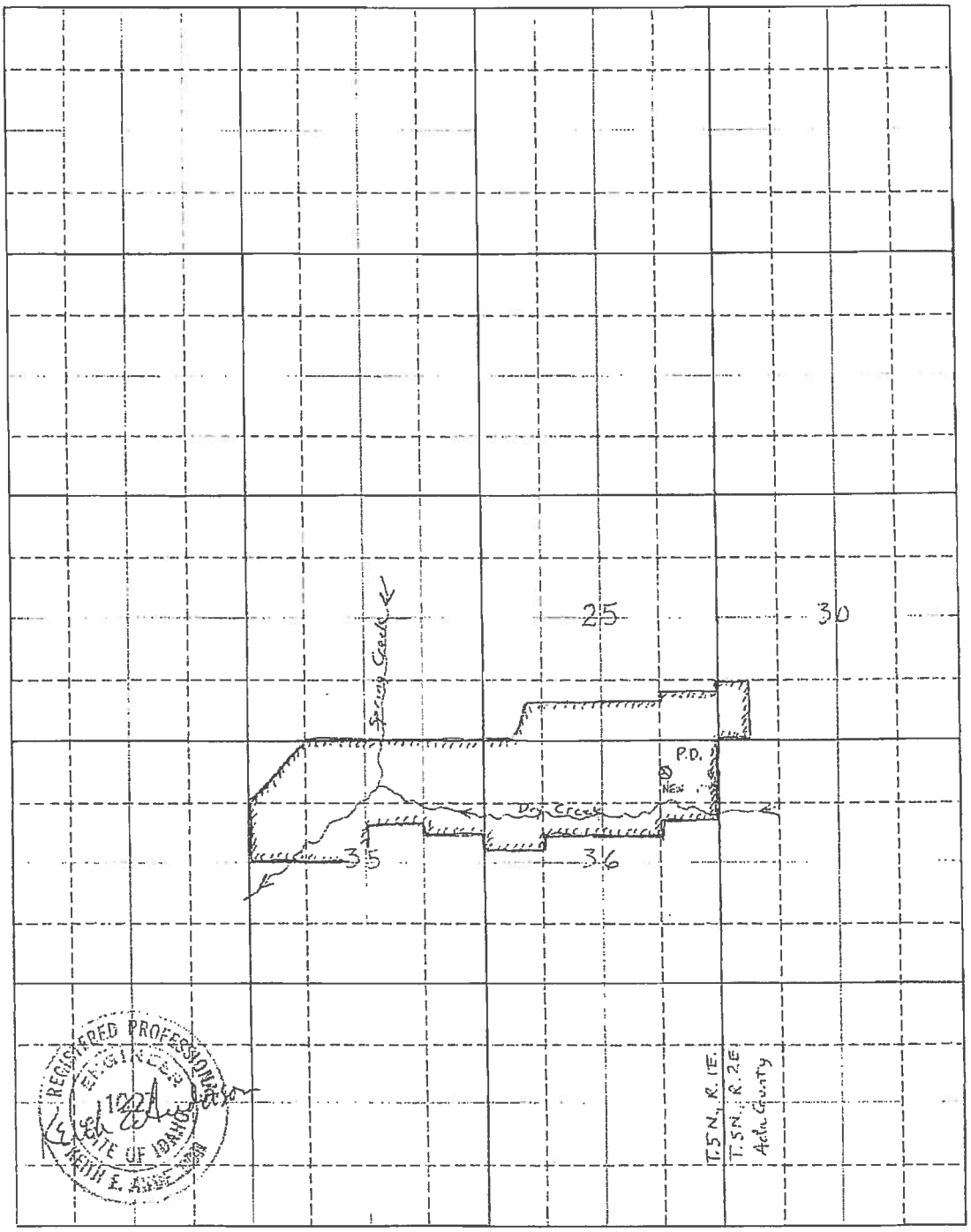
NAME OF APPLICANT KARL INE

FORM NO. 0


SEC.
SEC.
SEC.


PROTECTED
ACRES

11. Map of proposed project.



Scale: 2 inches equal 1 mile

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

X Julius Jeker
(Applicant) Julius Jeker

6-3-723

RECEIVED
AUG 5 1968
Department of Reclamation

STATE OF IDAHO, }
COUNTY OF ADA } ss.

Georgene Davis, being duly sworn, deposes and says: That she is the Principal Clerk of The Idaho Daily Statesman, a daily newspaper printed and published at Boise, Ada County, State of Idaho, and having a general circulation therein and which said newspaper has been continuously and uninterruptedly published in said County during a period of twelve consecutive months prior to the first publication of the notice, a copy of which is attached hereto; that said notice was published in the regular edition of The Idaho Daily Statesman for

Two weekly consecutive insertions, beginning with the issue of July 25, 1968, and ending with the issue of August 1, 1968



LEGAL NOTICES

NOTICE OF APPLICATION FOR WATER

Notice is hereby given that Julius Jaker, Boise, Idaho has on July ... 1968 applied for permit to divert ... public ... per second of water from ... source ... Water ... application No. 63-7123 ... will be ... by ... pump ... motor ... appropriated ... within the ... and will be used for ... Sec. ... T. ... R. ... B.M. ... Ada County and is to be used ... from ... to ... for irrigation ... Sec. ... Twp. ... R. ... B. M. ... Sec. ... Twp. ... Rge. ... Any ... against this ... application must be filed with the Department of Reclamation within ten days from the last date of publication of this notice.

R. KEITH HIGGINSON
State Reclamation Engineer

Pub. July 25, Aug. 1.

Georgene Davis

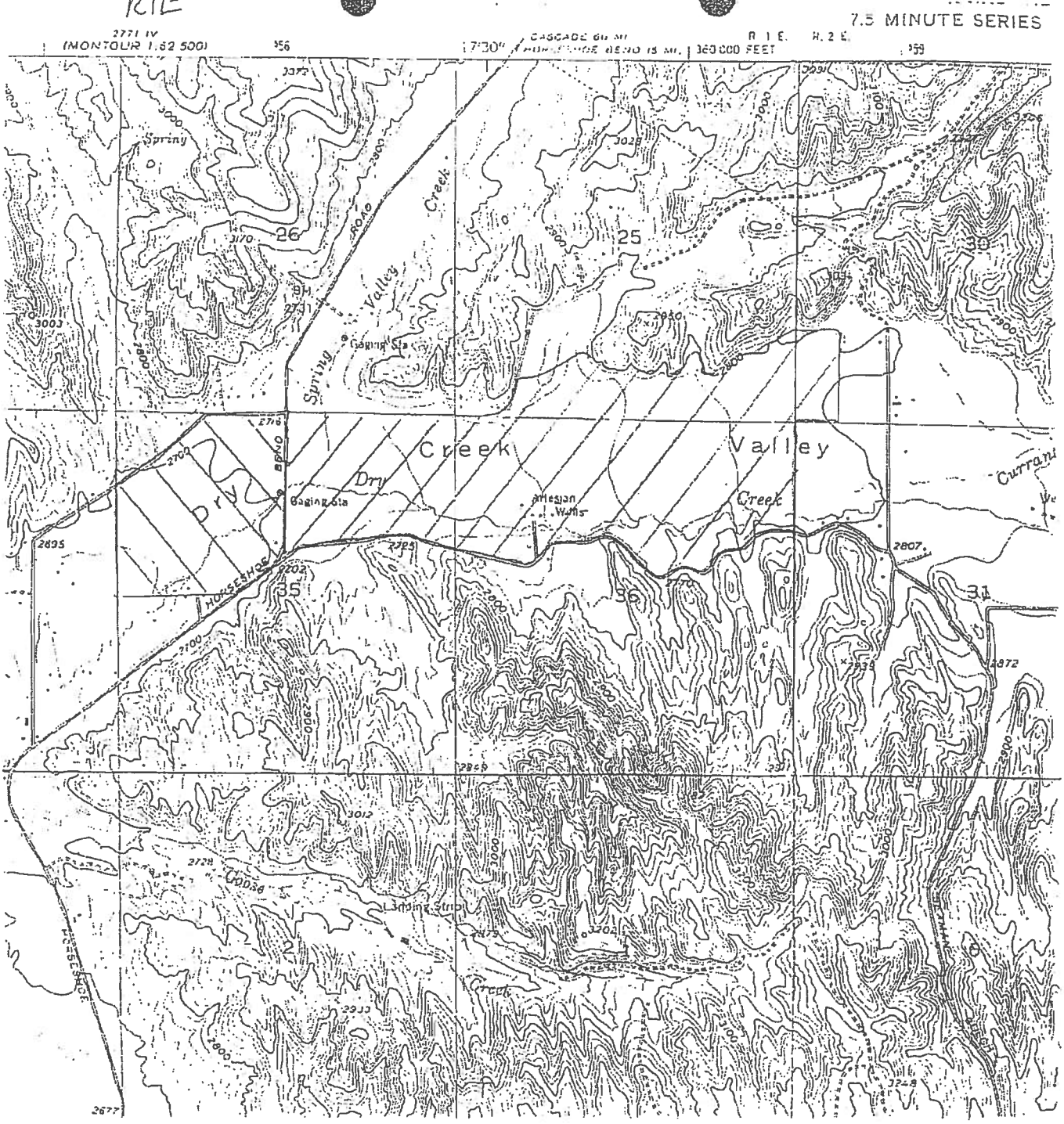
Subscribed and sworn to before me this 1st day of August, 1968.

Dana A Comez

Notary Public for Idaho, Residing at Boise, Idaho

63-7123

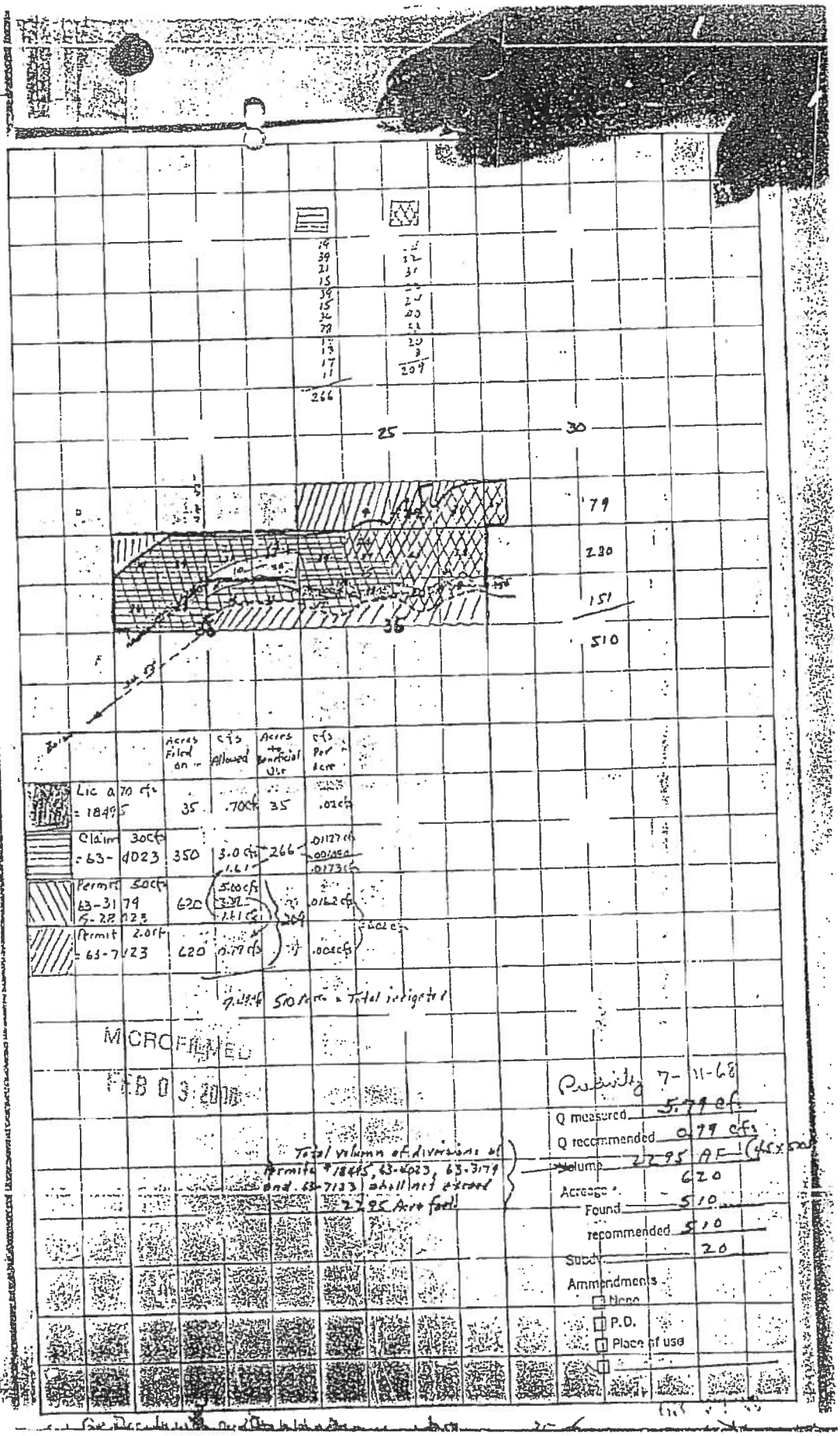
T5N
R1E

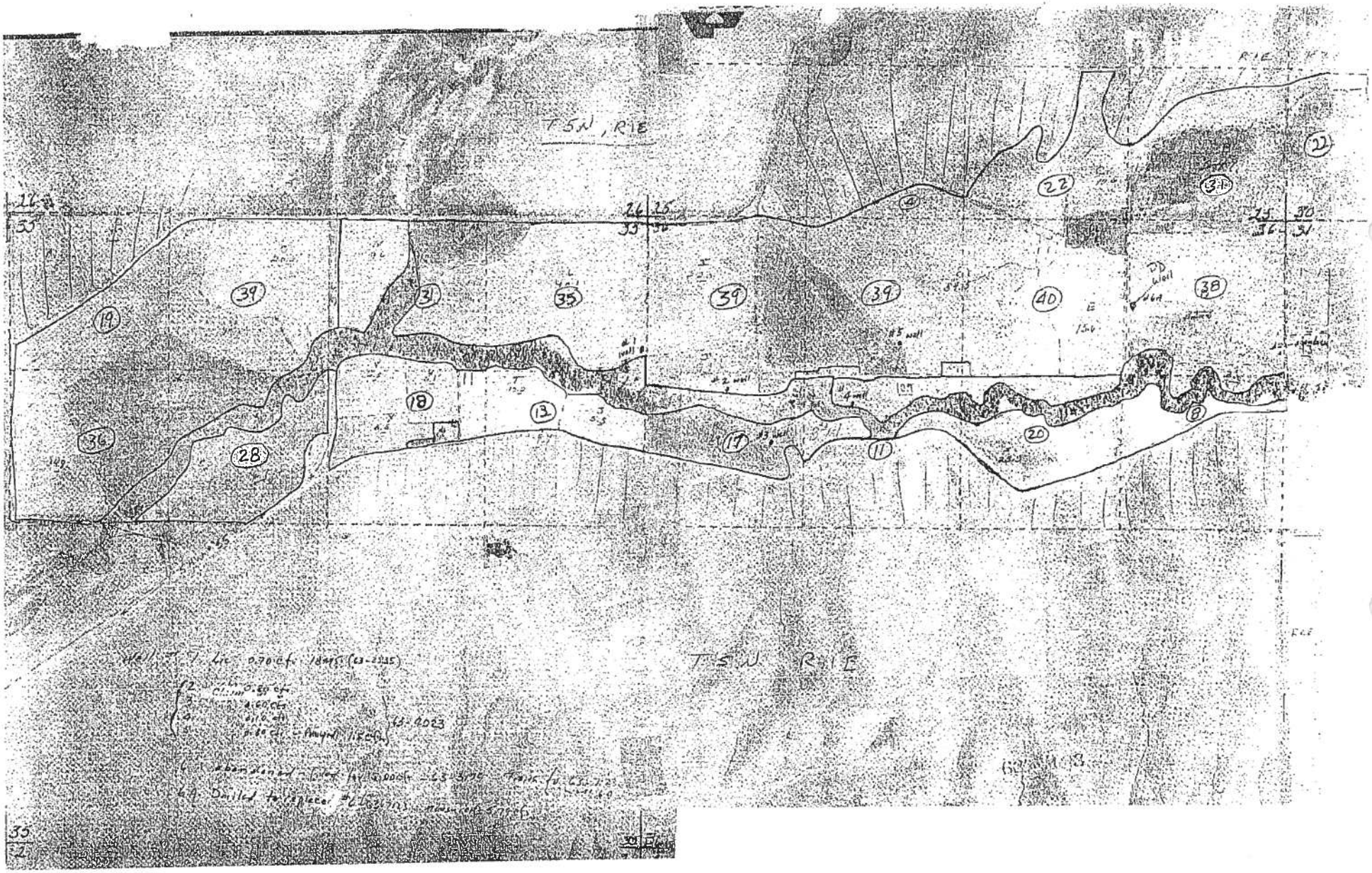


area protected

area not protected
(use surface water only)

MICROFILMED
FEB 0 3 2000


25
30
36
79
230
151
510
266
Acres Filed on
cfs Allowed
Acres to Beneficial Use
cfs Per Acre
Lic a 70 cfs = 18495
35
.70cfs
35
.02cfs
Claim 30cfs -63- 4023
350
3.0 cfs
1.61
266
.01127 cfs
.00465
.01731 cfs
Permit 50cfs 63-3179 & 22123
620
5.00cfs
3.39
1.61 cfs
209
.0162 cfs
Permit 2.0cfs -63-7123
620
0.79 cfs
.00cfs
9.49cfs 510 Acres = Total irrigated
MICROFILMED
FEB 03 2015
Total volumn of diversions of Permits #18495, 63-4023, 63-3179 and 63-7123 shall not exceed 2295 Acre feet
Rubrick 7-11-68
Q measured 5.79 cfs
Q recommended 0.79 cfs
Volume 2295 AF (45x
Acreage 620
Found 510
recommended 510
Subd. 20
Ammendments
None
P.D.
Place of use


T5N, R1E
T5N R1E
R1E
22
31
26
25
35
36
39
40
38
19
18
13
17
11
20
8
36
28
DD well

Attachment E:

Water Right 63-4023B

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Water Right Report

05/10/2005

WATER RIGHT NO. 63-4023

Owner Type	Name and Address
Current Owner	JULIUS JEKER RT 1 BOISE, ID 83704

Priority Date: 07/01/1927
Basis: Statutory Claim
Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	4/01	10/31	3 CFS	
STOCKWATER	1/01	12/31		
Total Diversion			3 CFS	

Location of Point(s) of Diversion:

GROUND WATER	NENW	Sec. 36	Township 05N	Range 01E	ADA County
GROUND WATER	SWNW	Sec. 36	Township 05N	Range 01E	ADA County
GROUND WATER	SENW	Sec. 36	Township 05N	Range 01E	ADA County

Place(s) of use:

Place of Use Legal Description: IRRIGATION ADA County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	A
05N	01E	35		NENE	40		NWNE	40		SWNE	15		SENE	2(
				NENW	40		NWNW	20		SWNW	40		SENW	4(
		36		NENW	15		NWNW	40		SWNW	30		SENW	1(

Place of Use Legal Description:STOCKWATER same as IRRIGATION

Total Acres: 350

Conditions of Approval:

1.	4 ARTESIAN WELLS ARE DESCRIBED. PUMP INSTALLED IN ONE WELL IN 1948 INCREASED DISCHARGE FROM .8 CFS TO 1.5 CFS.

Dates:
Licensed Date:
Decreed Date:
Enlargement Use Priority Date:
Enlargement Statute Priority Date:
Water Supply Bank Enrollment Date Accepted:
Water Supply Bank Enrollment Date Removed:
Application Received Date:
Protest Deadline Date:
Number of Protests: 0

Other Information:
State or Federal:
Owner Name Connector:
Water District Number:
Generic Max Rate per Acre:
Generic Max Volume per Acre:
Civil Case Number:
Old Case Number:
Decree Plantiff:
Decree Defendant:
Swan Falls Trust or Nontrust:
Swan Falls Dismissed:
DLE Act Number:
Cary Act Number:
Mitigation Plan: False

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Adjudication Claim Report

05/12/2005

WATER RIGHT NO. 63-4023B

Owner Type	Name and Address
Current Owner	JULIUS JEKER 6598 DRY CREEK RD BOISE, ID 83703 (208)939-6235

Priority Date: 07/01/1927
Basis: Beneficial Use
Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	3/15	11/15	3 CFS	
STOCKWATER	1/01	12/31	0.08 CFS	
Total Diversion			3 CFS	

Location of Point(s) of Diversion:

GROUND WATER	NENE	Sec. 35	Township 05N	Range 01E	ADA County
GROUND WATER	NENW	Sec. 36	Township 05N	Range 01E	ADA County
GROUND WATER	SWNW	Sec. 36	Township 05N	Range 01E	ADA County
GROUND WATER	SENW	Sec. 36	Township 05N	Range 01E	ADA County

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Adjudication Recommended Right Report

05/06/2005

WATER RIGHT NO. 63-4023B

Owner Type	Name and Address
Current Owner	JULIUS JEKER 6598 DRY CREEK RD BOISE, ID 83703 (208)939-6235

Priority Date: 07/01/1927
Basis:
Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	3/15	11/15	3 CFS	
STOCKWATER	1/01	12/31	0.08 CFS	
Total Diversion			3 CFS	

Location of Point(s) of Diversion:

GROUND WATER	NENE	Sec. 35	Township 05N	Range 01E	ADA County
GROUND WATER	NENW	Sec. 36	Township 05N	Range 01E	ADA County
GROUND WATER	SWNW	Sec. 36	Township 05N	Range 01E	ADA County
GROUND WATER	SENW	Sec. 36	Township 05N	Range 01E	ADA County

Place(s) of use:

Place of Use Legal Description: IRRIGATION ADA County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
05N	01E	35		NENE	40		NWNE	40		SWNE	15		SENE	20
		36		NENW	15		NWNW	40		SWNW	30		SENW	10

Place of Use Legal Description:STOCKWATER same as IRRIGATION

Total Acres: 210

Conditions of Approval:

1.	C18	This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

Dates:

Other Information:
State or Federal: S
Owner Name Connector:
Water District Number:
Generic Max Rate per Acre:
Generic Max Volume per Acre:
Swan Falls Trust or Nontrust:
Swan Falls Dismissed:
DLE Act Number:
Cary Act Number:
Mitigation Plan: False
Close

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Adjudication Claim Report

5/12/2005

WATER RIGHT NO. 63-4023
Status: See Remarks

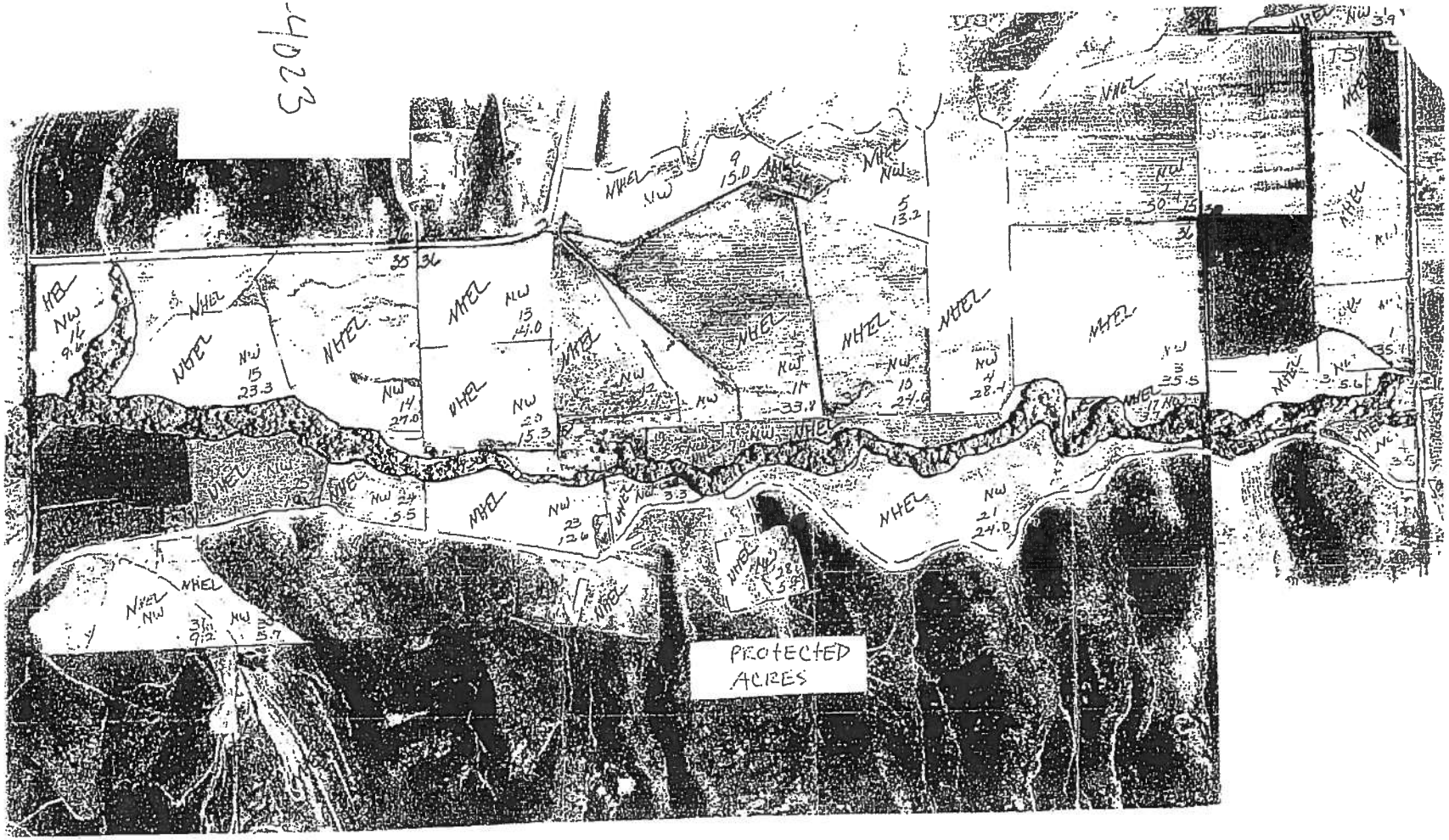
Owner Type	Name and Address
	JULIUS JEKER

Conditions of Approval:

1.	THIS RIGHT HAS BEEN SPLIT AND CLAIMED AS FOLLOWS: A63-04023A, WEISSHAUPT/BRUSHER, 2.44 CFS ON 122.0 ACRES A63-04023B, JEKER, 3.00 CFS ON 210.0 ACRES

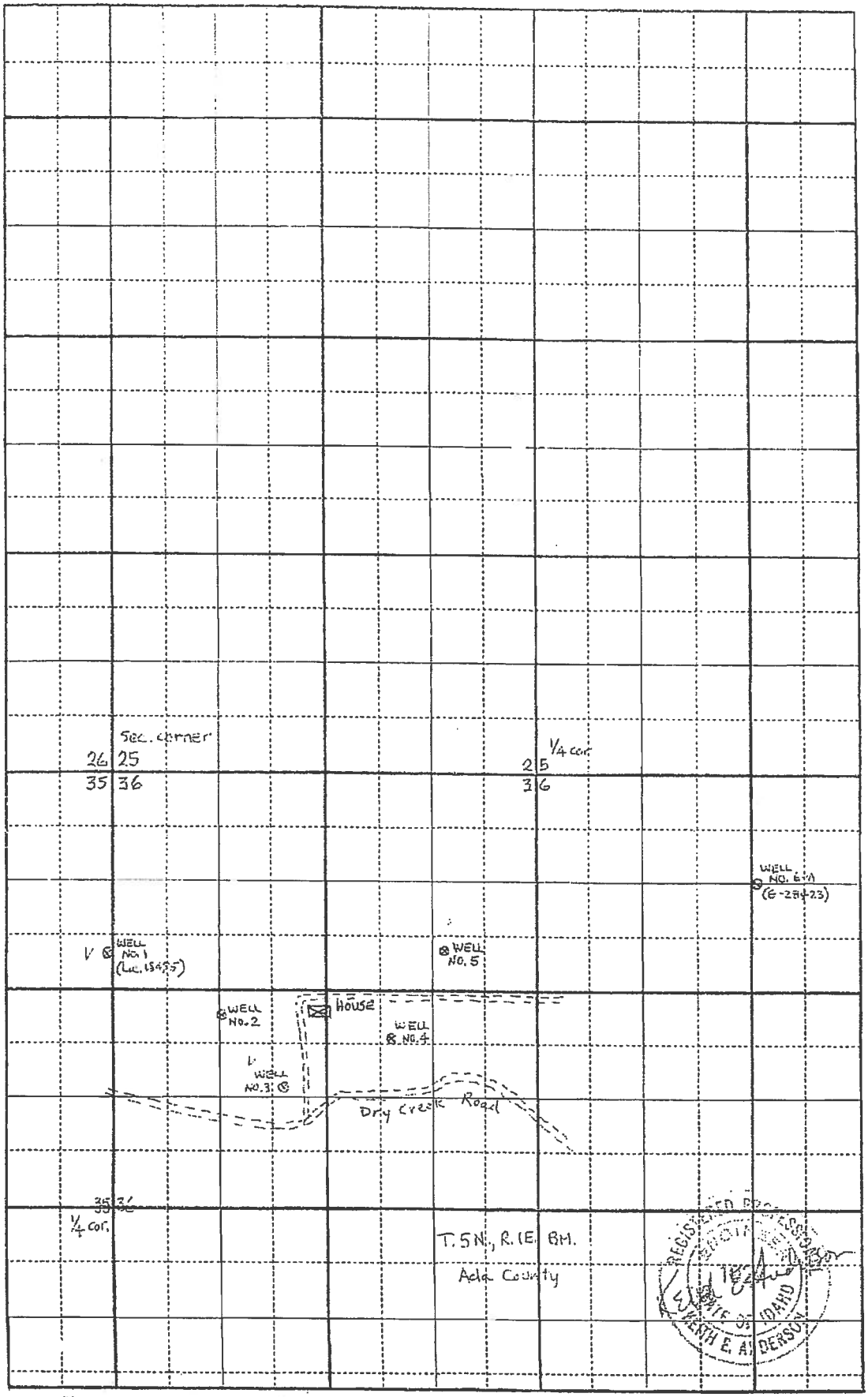
Water Right 63-4023

G3-4023



NAME OF APPLICANT Ilis Jeker

Form No. 0



SCALE: 8 Inches Equal 1 Mile. Draw Plan in Ink.

8 NOTE

63 41923

PROOF OF PUBLICATION

County of Ada,
ss.
State of Idaho.

Donna Griggs, being first duly sworn, on oath says he is the Office Manager of THE INTERMOUNTAIN OBSERVER, a newspaper of general circulation, published weekly by the LITERARY ENTERPRISES, INC., publishers and printers thereof, at Boise, County of Ada, State of Idaho;

That the annexed notice was published in said newspaper on each and every week for two consecutive weeks, the first publication being on the 27th day of July, 19 68, and the last publication being on the 3rd day of August 19 68;

That said newspaper is of general circulation and has been printed and published continuously and uninterruptedly in said county during a period of more than seventy-eight consecutive weeks prior to the first publication of the attached notice.

Donna Griggs

Subscribed and sworn before me this 3rd day of August, 19 68

Notary Public

(SEAL)
My commission expires

NOTICE OF CLAIM TO A WATER RIGHT

No. 63-4020

Notice is hereby given that John Meier, Route 2, Boise, Idaho has filed a claim to a water right established by diversion and application to beneficial use of 3.0 cubic feet per second of water from subterranean source with points of diversion in SW1/4NW1/4, NE1/4NW1/4, SE1/4NW1/4, Sec. 36, Twp. 5 N., Rge. 1 E., B.M., Ada County; the water is claimed to be used from April 1 to October 31 for irrigation and from January 1 to December 31 for livestock water with a priority of July 1, 1921; the place of use is N1/2 Sec. 25; NW1/4, Sec. 30, Twp. 5 N., Rge. 1 E., B.M.

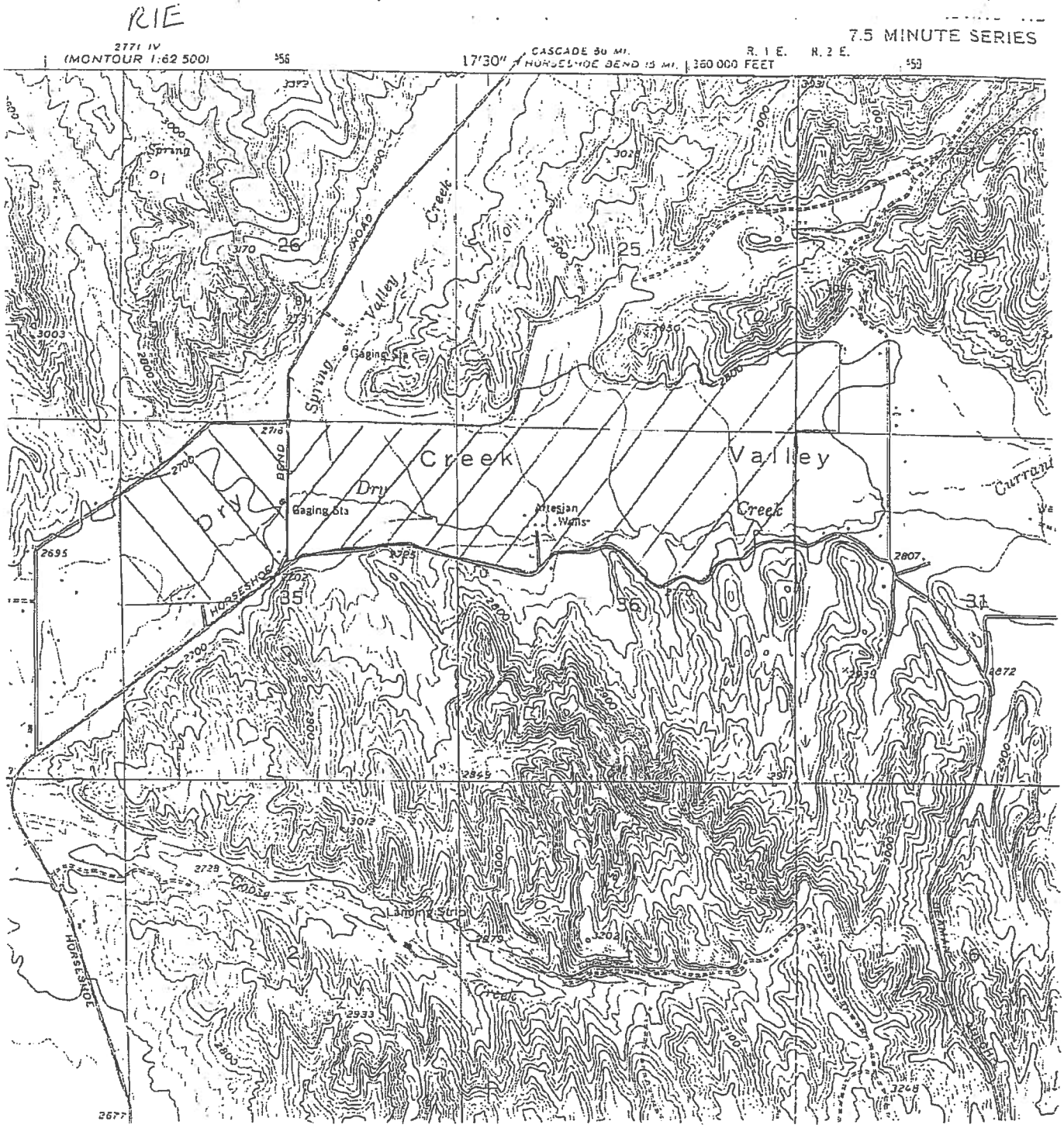
Any exception to this claim of water right may be filed with the Department of Reclamation.

N. KEITH HIGGINSON
State Reclamation Engineer

Published in the Intermountain Observer on July 27th and August 3rd.

mail pub 8-5-68

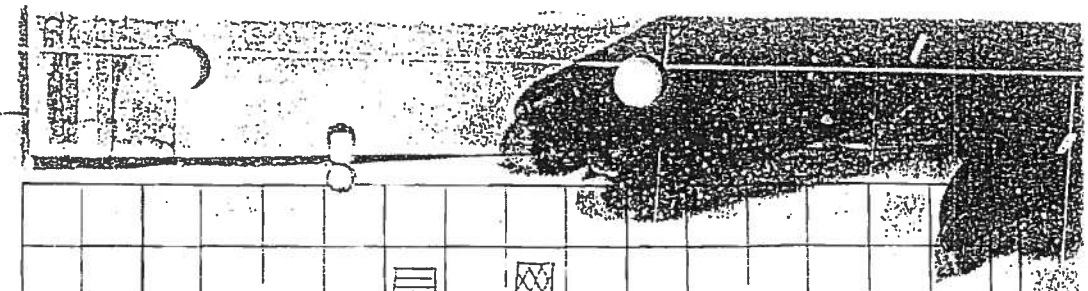
T5N
R1E



area protected

area not protected
(use surface water only)

MICROFILMED
FEB 0 3 2000



14
39
21
15
39
15
26
28
15
13
17
11
266

12
31
24
20
23
20
9
209

25 30

79
280
151
510

	Acres Filed on	cfs allowed	Acres to Beneficial Use	cfs Per Acre
Lic a 70 cfs = 18495	35	.70cfs	35	.02cfs
C/Aim 30cfs = 63-4023	350	3.0 cfs / 1.61	266	.01127cfs / .00195 = .01173cfs
Permit 50cfs 63-3179 & 28723	620	5.00cfs / 1.61cfs	209	.0162cfs
Permit 2.0cfs = 63-7123	620	0.79 cfs		.002cfs

.0162cfs

Q=1.61cfs 50 Acres = Total irrigated

STATE OF IDAHO
FEB 03 2000

Publish 7-11-68
Q measured 5.99 cfs
Q recommended 0.79 cfs
Volume 2295 AF (45x50)
Acreage
Found 620
recommended 510
Subj 510
Ammendments 20
☐ None
☐ P.D.
☐ Place of use
☐

Total volume of diversions of Permits #18495, 63-4023, 63-3179 and 63-7123 shall not exceed 2295 Acre feet

Form 2-222
7/94

Water Right No. 63-4023

RECEIVED
JAN 13 1999
Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED
MAY 13 1999
Department of Water Resources

APPLICATION FOR EXTENSION OF TIME TO AVOID FORFEITURE OF A WATER RIGHT

Section 42-222, Idaho Code, provides that a water right shall be lost and forfeited and the water right revert to the state upon the failure of a water user to apply the water to beneficial use for a period of five (5) years. The Director may allow an additional five (5) year period of non-use without forfeiture upon a showing of reasonable cause.

1. Name of water right holder Julius Jeker
2. Mailing address 6598 Dry Creek Road, Boise, ID 83703
3. The right was obtained or is evidenced by:
   a. Decree to _____ in Case of _____
   vs. _____, Dated _____ in _____ (Name of Court)
   Court, County of _____. Fully describe decree _____
   b. License No. _____ c. Claim No. 63-4023
   d. SRBA No. _____
4. Source of water Underground (Name of stream or source) tributary to _____
5. Date of priority of right July 1, 1927
6. Description of Right:
   amount 3.0 cfs (cfs/ac-ft) for Irrigation purposes from April 1 to October 31
   amount _____ (cfs/ac-ft) for Stock water purposes from January 1 to December 31
7. Point(s) of Diversion SW/NE/SE ¼ NW/NW/NW ¼ of Sec. 36 Twp. 5N Rge. 1E County Ada
8. Lands irrigated or Place(s) of Use:

TWP	RGE	SEC	NE				NW				SW				SE				Totals
5N	1E	35	40	40	15	20	40	20	40	40									255
"	"	36					15	40	30	10									95

Total Acres 350

MICROFILMED
FEB 03 2000

9. Give the last date when water was put to beneficial use 1994 irrigation

Length of extension of time requested five years, or until _____ (Date)

10. Explain fully your reasons for requesting an extension of time within which to resume the use of your water right and reasons for non-use Because of poor health I have been unable to irrigate under this water right since 1994. I have also been unable, thus far, to hire suitable and competent help for the irrigation.

The information contained in this application is true to the best of my knowledge.

X _____
(Signature of Applicant)

Subscribed and sworn to before me this 11th day of January, 19 99.

TINA L PAYNE NOTARY PUBLIC STATE OF IDAHO

_____
(Notary Public)

My commission expires 10/15/04 Residing at E Meridian, Idaho

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined this application for extension of time within which to resume the use of a water right and I hereby APPROVED said application subject to the following conditions or reasons:

1) Approval of this extension of time does not confirm the right claimed.

2) This extension of time does not apply to water use within the NW 1/4, Section 35, T5N, R1E, B.M. The right holder shall resume use of water on or before November 1,2004.

3) Approval of this extension does not preclude the review of the extent and validity of the right in the Snake River Basin Adjudication.

Signed this 27th day of January, 2000.

_____
L. GLEN SAXTON, Bureau Chief, Water Allocations Bureau

MICROFILMED

FEB 0 3 2000

FOR DEPARTMENT USE ONLY

Date Received 1-13-99 $100 FEE Receipted by HW Date 1-13-99 Receipt # C044340

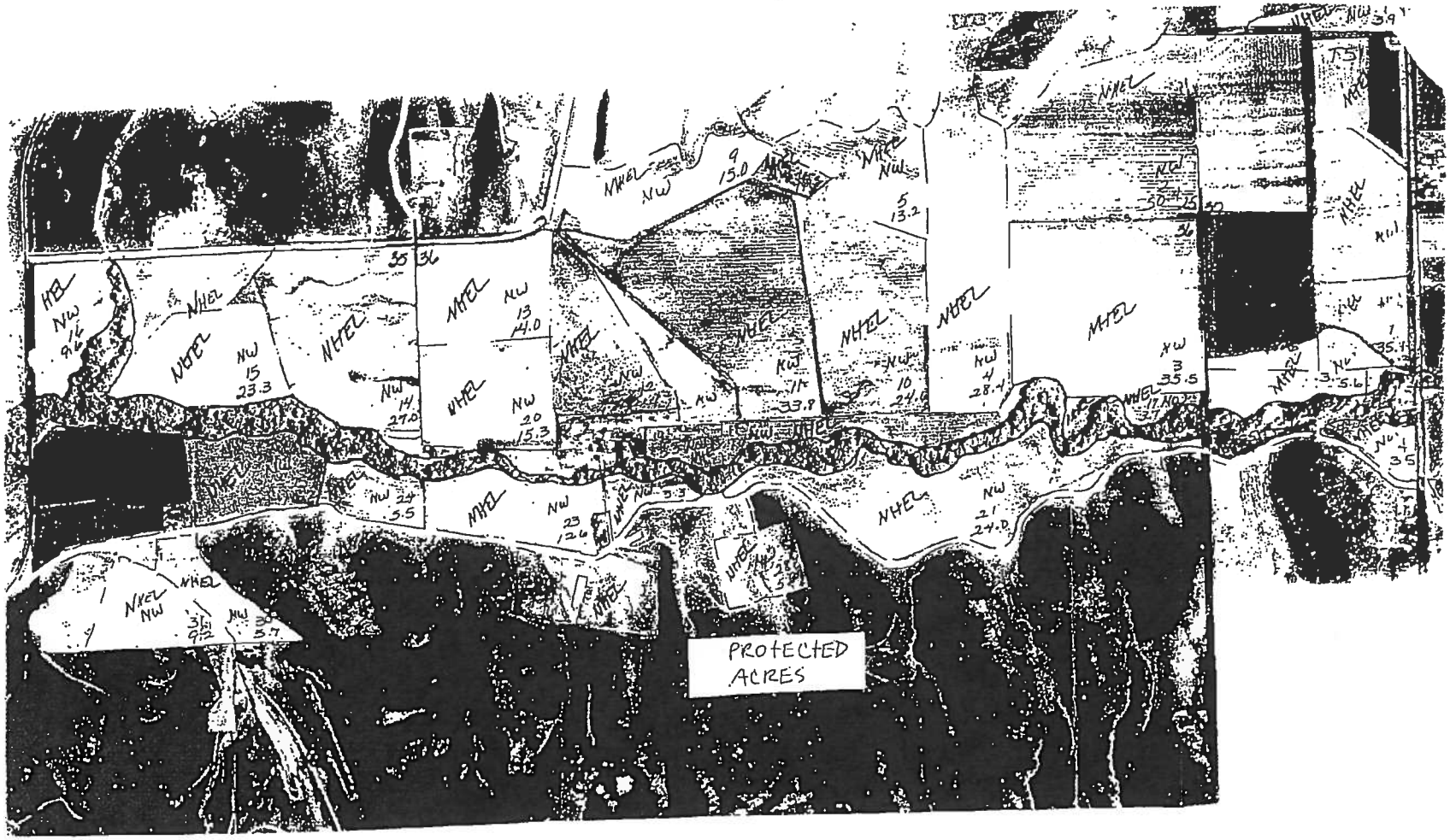
Preliminary ✓ by _____ Publication prepared by _____ Pub. approved by _____ Date _____

Published in Idaho Statesman Dates Published 3-4+11-1999

Protests filed by _____

Copies of protests forwarded by _____ Hearing held by _____ Date _____

Recommended for - ✓APPROVAL / DENIAL By Gary Spackman


PROTECTED
ACRES

Identification No. 63-4023
Claim No. #26522
Map No. _____

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
CLAIM TO A WATER RIGHT
Established by Diversion and Application to Beneficial Use

Under the provisions of Section 42-225a, Idaho Code, a person may file a claim to a right to use water which has been established by diversion and application to beneficial use. **The filing of this claim does not confirm the water right but will serve for information purposes only.** It may, however, become the basis for future adjudication of the water right by the Court.

(Please refer to the instructions on the back of this form)

1. Name of claimant Julius Jeker
   post office address Route #1, Boise, Idaho
2. The point of diversion is in ~~SE~~ SW NE ¼ of NW NW ¼ Section 36 Township 5 North
   Range 1 East B.M. located on underground water
   (name of source)
   tributary to (Dry Creek Valley) in Ada County.
3. Dates of priority claimed: list the priority for each separate quantity that you claim. Priority dates should be based upon the earliest diversion of the water which has resulted in continued beneficial use since that time. If there has been an interval of five years or greater when the water was not beneficially used for the same purpose as originally appropriated, the priority that you claim should date from the time that the water was again beneficially applied following the period of non-use.

   a. Date of priority claimed:

   July 1, 1927 amount: 3.0 c.f.s. or _____ acre feet
   _____ amount: _____ c.f.s. or _____ acre feet
   _____ amount: _____ c.f.s. or _____ acre feet
   Total claimed 3.0 c.f.s. or _____ acre feet.

   b. Explain the purpose for which the water has been used and the time during the year when you have used the right claimed:

(up to) use _____ period of use from _____ to _____ (both dates inclusive)
3.0 cfs use Irrigation period of use from April 1 to October 31 (both dates inclusive)
use Livestock period of use from January 1 to December 31 (both dates inclusive)
use _____ period of use from _____ to _____ (both dates inclusive).

4. Description of diverting works:

   a. Surface water diversion dam and/or headgate: material is composed of _____ ; length is _____ feet; height is _____ feet; width at bottom is _____ feet; with at top is _____ feet; explain any increase in diversion capacity since structure was first buil, giving dates and estimated capacities if known _____

   b. Underground water diverting works: is well flowing or pumped flowing & pumped; depth of well is 400± feet; diameter of well is 4 & 8 inches; type of pump is centrifugal capacity of pump is 675 g.p.m.; name and address of well driller is unknown _____

63 4023

attach well logs if available; has there been any change in pump or motor since well was first completed Yes; if so, give dates and explain Pump first used on Well No. 5 in 1948.

c. Conveying works: length of ditch to place of use is _____ feet; width of ditch at top is 3 feet; width of bottom of ditch is 2 feet; depth of water is 1-2 feet; grade of ditch per 1000 feet is _____ feet; material through which ditch passes is silt loam, gravelly; maximum length of pipe line to first place of use is _____ feet; diameter of pipe line is _____ inches; type of pipe _____; grade of pipe per 1000 feet is _____. Please explain any changes or increase in size of conveying system since water was first appropriated, giving date and dimensions if possible _____

d. If water is stored: name of reservoir _____; total capacity of reservoir is _____ acre feet; active capacity of reservoir is _____ acre feet; year construction commenced _____; year completed _____; date first used _____ period of storage is from _____ to _____; is reservoir drained each year _____; is reservoir on or off stream _____ explain _____

if feeder canal is used give maximum carrying capacity _____ c.f.s.; if reservoir is off stream, describe location of reservoir by 40-acre subdivisions _____

has there been any enlargement of the reservoir since it was first built _____, if so, give dates and describe _____

5. a. Where water is used for irrigation, describe area irrigated by 40-acre subdivisions and give total acres:

TWP.	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
5N	1E	35	40	40	15	20	40	20	40	40									255
"	"	36					15	40	30	10									95

Total number of acres to be irrigated 350

Explain any significant increase in area irrigated since first use, give dates and acreages if known _____

b. Do you get water through a ditch owned by several users? No If yes, give the name of the ditch _____. The other users and their respective interests in the ditch are (if known) _____

6. Where water is used for stock watering, give number of each kind of stock watered 400 head - beef cattle

7. Where water is used for domestic or municipal purposes give number of families served _____ name of town supplied _____

8. Where water is used for other purposes not above enumerated, give the nature of use, the extent of use, and any details regarding the initiation of the right or subsequent later expansion. Be as specific as possible, giving dates and quantities _____

9. Remarks: please explain any details of your claim which you feel need clarification or additional explanation
These wells were all drilled in about 1926 or 1927 to the best of my knowledge. I moved onto the property in March 1938 and have lived there continuously since that time and all four of the wells have been used each and every year since 1938 to my own person knowledge, and also for each and every year between the time they were drilled until 1938 to the best of my knowledge and belief. I understand that all of the wells are about 400 feet deep but there are no logs or drillers records. Individual well flows are about as follows: Well No. 2, 0.8 cfs; Well No. 3, 0.6 cfs; Well No. 4, 0.1 cfs; Well No. 5, 1.5 cfs (pumping) or 0.8 cfs (flow). All of the wells are flowing artesian wells with a pump used to supplement discharge at Well No. 5 when needed. All of the wells are used for irrigation and Nos. 3 and 4 also for livestock watering. Wells 2,3 and 5 are 8-inch diameter; Well 4 is 4-inch diameter.

BE IT KNOWN that the undersigned hereby makes claim to a water right as described above together with all attached information and certifies that all statements are true and accurate to the best of his knowledge.

May 24, 1968
(Date)

X Julius Jeker
(Signature of Claimant) Julius Jeker

State of Idaho
County of ADA } ss.

On this 24th day of May 19 68, personally appeared before me the signer(s) of the above instrument, who duly acknowledged to me that he (she) (they) executed the same.

Notary Public residing at Boise, Idaho

My commission expires April 7, 1970

For Department Use Only

Received by ej Date 7-11-68	Exception filed by:	Forwarded to claimant by:	Date
Prelim. check by [illegible] Date 7-11-68			
Fee received by ej Date 7-11-68 Fee $ 10.00			
Approved for publication by KS 7-18-68			
Published in Intermt. Obs. Dates 7-27 8-3		63 4023	

INSTRUCTIONS

Your claim should set forth all necessary information to describe your claimed right. Failure to give enough information may make your claim of little value. Some of the items in the form may not apply to your situation. Please use additional sheets if space provided is not sufficient to fully answer the questions.

Paragraph No.

1. Give full name and post office address of person or company making the claim.
2. Describe the point of diversion by 40-acre subdivision. Give the name of the source, the drainage to which it is tributary if surface water, and the county in which the point of diversion is located. If there is more than one point of diversion, list others in the remarks section.
3. Give the priority dates and the quantities of water that you claim. You should accurately list the dates that you initiated each new use of the water. List separately the dates and amounts of water involved in each enlargement of the diversion. (Example: if you diverted 0.8 c.f.s. of water for irrigation on May 18, 1871, for the first time for use on 40 acres of land, and then later you enlarged the diversion by diverting an additional 0.4 c.f.s. of water to irrigate an additional 20 acres of land on June 1, 1901, your right should be described as follows:

   Date of priority claimed: May 18, 1871 amount: 0.8 c.f.s. or _____ acre feet
   June 1, 1901 amount: 0.4 c.f.s. or _____ acre feet
   Total claimed: 1.2 c.f.s. or _____ acre feet

   Since the water was used for irrigation between April 1 and October 31 on that particular farm, part b. would be completed as follows:

   use irrigation period of use from April 1 to October 31 (both dates inclusive). If the water had been used for any other purpose, you would have described the priority date, amount, use, and period of use in a similar manner.
4. Describe the diversion works and explain any changes since the right was first initiated.
5. If the water is used for irrigation, give the total acreage and list the lands irrigated by 40-acre subdivisions and complete the other questions.

6, 7, & 8. Describe any other uses of water.

9. In the remarks section, give any information or details that you feel are not fully covered or that need clarifying. You might explain your operation, where the water is returned to if for an industrial or non-consumptive right, the condition and temperature of the returned water, and any other information to help explain your claim.

You may wish to include as a part of your claim, affidavits of witnesses who are familiar with your right and who have a personal knowledge of the circumstances which you have described in your claim. You may submit maps, drawings, certified copies of posted notices which may have been filed in the county courthouse, water measurement records, or any other document which you feel will support your claim.

Your claim will be advertised in a county newspaper for two weeks. Exceptions to your claim which dispute the water right that you have described may be received by the Department of Reclamation and you will be provided a copy of such exceptions.

The fee for filing this claim with the Department of Reclamation, Room 107, Statehouse, Boise, Idaho 83701, is $10.00.

IN THE MATTER OF:
Julius Jeker
Claim To A Water Right
3.0 cfs; July 1, 1927

AFFIDAVIT

State of Idaho)
County of Ada)

Keith E. Anderson being first duly sworn, deposes and says: I was first employed by Julius Jeker, Route 1, Boise, Idaho in the fall of 1962 to serve as his consulting engineer on water supply, irrigation, and groundwater development, and I have been so employed continuously since that time. I have had frequent occasions to observe Wells No. 2,3,4 and 5 as described in Mr. Jeker's "Claim To A Water Right", and have personally seen all four wells used for irrigation on about 350 acres of land to raise alfalfa, grain, corn and pasture. The irrigated land could not grow crops without irrigation water. All four wells are flowing artesian wells and I have measured or estimated the maximum discharges as follows: Well No. 2 -0.8 cfs; Well No. 3-0.6 cfs; Well No. 4-0.1 cfs; Well No. 5-0.8 cfs. Well No. 5 is also pumped with a centrifugal pump at 1.5 cfs. All of the wells appear to be old and are shown on early aerial photographs and maps. Wells No. 3 and 4 are also used for livestock watering during the entire calendar year. I have prepared a sketch map, from aerial photographs, attached to this affidavit to show the locations of these four wells. Wells No. 2,3 and 5 all have 8-inch casings at ground level; Well No. 4 has a 4-inch casing.

Keith E Anderson
(signature) Keith E. Anderson

Subscribed and sworn to before me this 24th day of May 1968.

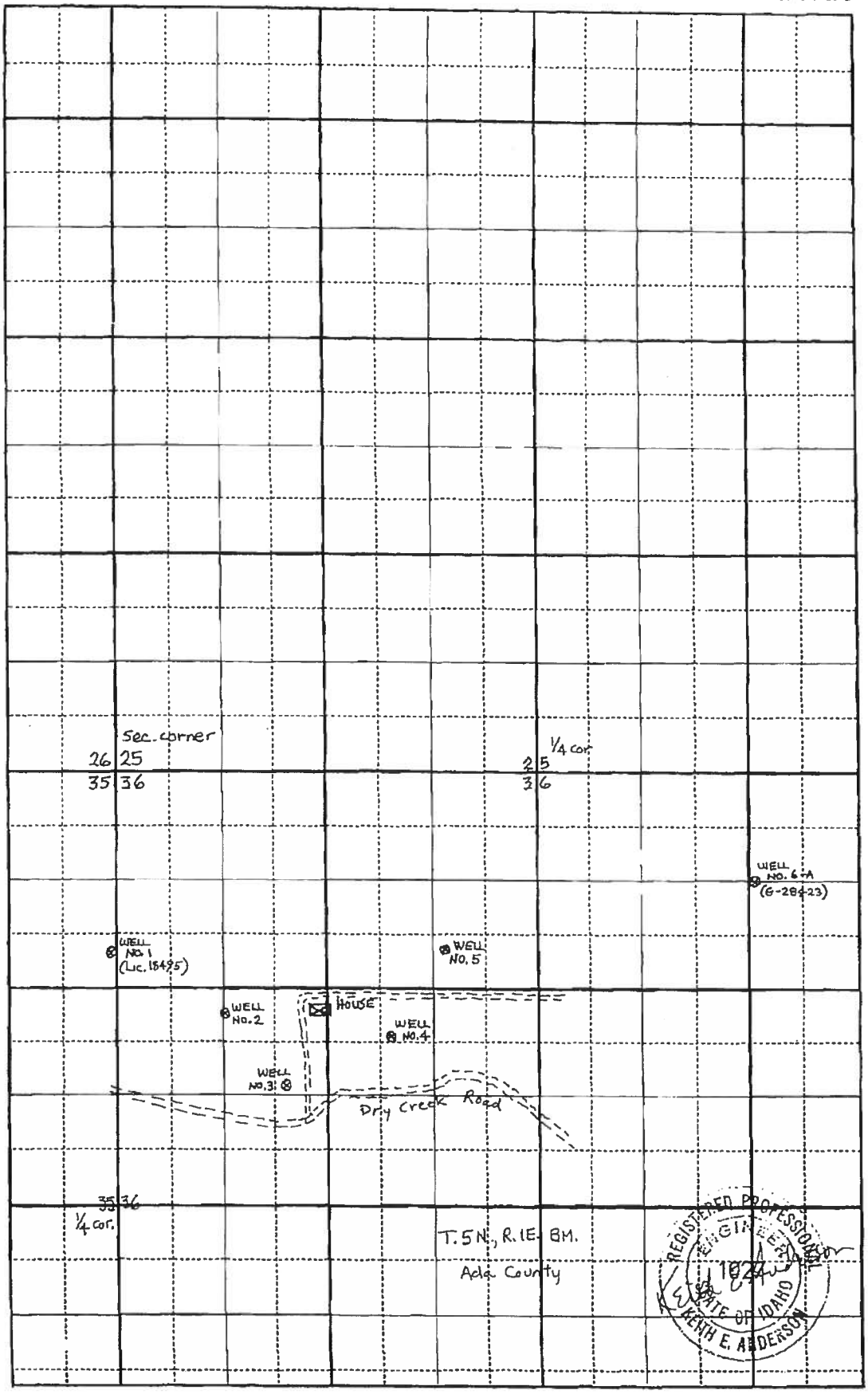
(Notary Public)

Residing at Boise Idaho.
My commission expires April 7, 1970.

63 4023

NAME OF APPLICANT..... Elius Jeker .....

Form No. 0



SCALE: 8 Inches Equal 1 Mile. Draw Plan In Ink.

8 NOTE

63 4023

RECEIVED
AUG 5 1968
Department of Reclamation

PROOF OF PUBLICATION

County of Ada,
ss.
State of Idaho.

Donna Griggs, being first duly sworn, on oath says he is the Office Manager of THE INTERMOUNTAIN OBSERVER, a newspaper of general circulation, published weekly by the LITERARY ENTERPRISES, INC., publishers and printers thereof, at Boise, County of Ada, State of Idaho;

That the annexed notice was published in said newspaper on each and every week for two consecutive weeks, the first publication being on the 27th day of July, 19 68, and the last publication being on the 3rd day of August, 19 68:

That said newspaper is of general circulation and has been printed and published continuously and uninterruptedly in said county during a period of more than seventy-eight consecutive weeks prior to the first publication of the attached notice.

Donna Griggs

Subscribed and sworn before me this 3rd day of August, 19 68

R. L. Reynolds
Notary Public

(SEAL)
My commission expires 6/30/71

[redacted]

63 4033

Mill Sale 8-5-68

State of Idaho
DEPARTMENT OF WATER RESOURCES
1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098
Phone: (208) 327-7900 FAX: (208) 327-7866

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

January 27, 2000

JULIUS JEKER
6598 DRY CREEK ROAD
BOISE ID 83703

RE: WATER RIGHT NOS. 63-02535, 63-04023, 63-04086 AND 63-07123

Dear Water Right Holder:

Enclosed are copies of approved Applications for Extension of Time to Avoid Forfeiture of a Water Right for the above referenced water rights. Please note that resumption of beneficial use of water shall occur on or before **November 1, 2004.**

Please notify the Department as soon as you resume use of the water. If you have not notified the Department sixty (60) days prior to the resumption date, the Department will send a Resumption of Use Notice to you by certified mail.

Be advised that Section 42-248, Idaho Code, requires you or the owner of these water rights to maintain current ownership and address records on file with the Department. Please contact any office of the Department for the proper form to file a change of ownership of the water rights and/or a change in the address of the owner or if you have any questions concerning this matter.

Sincerely,

L. GLEN SAXTON, Chief
Water Allocation Bureau

Enclosure

c: IDWR - Region

MICROFILMED

FEB 0 4 2000

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM	USE PERIOD TO	DIVERSION RATE	DIVERSION VOLUME
C	JULIUS JEKER	07/01/1927	IRRIGATION	04/01	10/31	3.000 CFS	
	RT. 1		STOCKWATER	01/01	12/31		
	BOISE ID 83704						
				TOTAL DIVERSION:		3.000 CFS	

Water Source: GROUNDWATER Tributary to: Stage: STATUTORY CLAIM

Point(s) of Diversion: T05N R01E S36 NENW SWNW SEMW ADA County

Place of use Legal Description for: IRRIGATION

			NE					NW					SW					SE					
			NENE		NWNE		SWNE		SENE		NENW		NWNW		SWNW		SENW		NESW		NWSW		SWSW		SESW		NESE		NWSE		SWSE		SESE		
T	R	S	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	SUM
05N	01E	35		40		40		15		20		X 40		20		40		40															255.0
05N	01E	36										15		40		30		10															95.0
																														TOTAL ACRES			350.0

Place of use location for STOCKWATER is the same location as described for: IRRIGATION

Pou County: ADA

Other Water Rights Listing Overlapping Place(s) of use:
63-02535 63-04086 63-04219 63-04980 63-04981 63-04982 63-07123

Remarks: GEN 4 ARTESIAN WELLS ARE DESCRIBED.
PUMP INSTALLED IN ONE WELL IN 1948 INCREASED DISCHARGE FROM .8 CFS TO 1.5 CFS.

Dates: App. Received: Priority Date: 07/01/1927
Proof Due Date: Proof Made Date:
Exam Made Date: Exam Sent to S.O.:
Licensed Date:

Misc: Water District Number: Field Exam Fee:

Comments: Date: 01/13/1999 User-ID: VAULT Subject: Extension of Time Received
Extension of Time Received

Audit: 02/05/85 05/01/88 CONVERT 01/13/99 COMMENTS

X 140 acres not protected

1-99

RECEIVED

MAY 13 1999

Department of Water Resources

REGIONAL STAFF REVIEW FOR EXTENSION OF TIME TO AVOID FORFEITURE

Water Right 63-02535, -04023, -04086, -07123 Applicant Julius Jeker

Initial review by: _____ 4 1/27/99 (name & date)

ADVERTISING & PROCESSING INFORMATION

WP File Name ADV_FORFEIT. JEKER

Legal Notice electronically sent to State Office ✓

Comment Letters ✓ No ___ Yes, see attached

Extension published correctly ✓ Yes ___ No

Affidavit of publication received ✓ Yes ___ No

Protests received (deadline & fee?) ✓ No ___ Yes, acknowledgement sent

Copy for Regional File ___ Appl. ___ Staff Review page ___ Legal Notice

___ Other, list: _____ pam

REVIEWER'S COMMENTS

Recorded rights overlapping acres + wells. Acres verified for L63-07123 (see below) total system capacity has yet to be determined

SRBA factors Filed on recorded, but with 122 less acres in NW 535. Looks like rights should be split

Verification & other comments Field exam for Lic 63-07123 verified total irrigation for all 4 wells @ 510 acres and system capacity for NENE 536 well @ 9.49 cfs

Additional review memorandum attached? ___ Yes ✓ No

REGIONAL MANAGER'S RECOMMENDATIONS

___ Deny ✓ Approve as noted below:

See Lori Grave's breakdown of approvable POU for this extension in memo dated 4/13/99

by: Gary S 5/11 (name & date)

MEMO

DATE: 4/13/1999
FR: lg
TO: Files 63-02535, 63-04023, 63-04086, 63-07123
RE: Extensions of Time to Avoid Forfeiture

Due to illness and incompetent help, applicant stated that claimed and licensed acres have not been irrigated since 1994 and has requested protection from forfeiture on the above listed rights.

Two licenses and two statutory claims are used for irrigation, with overlapping p/u and p/d's. 508 total acres have been licensed for the ground water system; 35 listed on license 63-02535 and 473 acres listed on license 63-07123. The statutory claims represent the same system and overlap within the 508 acres. The capacity of the NENE sec 36 well was calculated at 9.49 cfs during the field exam for license 63-07123, however total system capacity has yet to be determined if additional wells are incorporated as listed on 63-04023.

The SRBA claims were basically filed as recorded except that the two statutory claims were split to reflect the portion of the farm owned separately by applicant's sister (Helen Weisshaupt). License 63-07123 also included the sister's acres but was not split in the SRBA, however the sister's acres were excluded from A63-07123. Applicant's sister owns the NW qtr of section 35 (property west of HWY 55).

Per telecon with Helen (sister) and telecon with Julius 4/13/1999, both stated that Helen's property was not and has not been irrigated with ground water. Her irrigation sources are Dry Creek and Spring Creek. The ground water is only applied to Julius' acres east of HWY 55.

All 508 acres appeared irrigated in 1987 per napp photo and also in 1994 per scanned airphoto.

Based on this information, I recommend that the acres in the NW qtr, sec 35, be forfeited and that A63-04023A and A63-04086A be disallowed due to ground water non-use (Helen's acres).

MICROFILMED
FEB 0 3 2005

Specifc acres to be protected include:

T5N	R1E	S25	SESW	4
			SWSE	22
			SESE	31
		S35	NENE	35
			NWNE	31
			SWNE	18
			SENE	13
		S36	NENE	38
			NWNE	40
			SWNE	20
			SENE	8
			NENW	39
			NWNW	39
			SWNW	17
			SENW	11
		S30	SWSW	20
				386 total

Specific acres **not to be protected** include:

T5N	R1E	S35	NENW	39
			NWNW	19
			SWNW	36
			SENW	28
				122 total

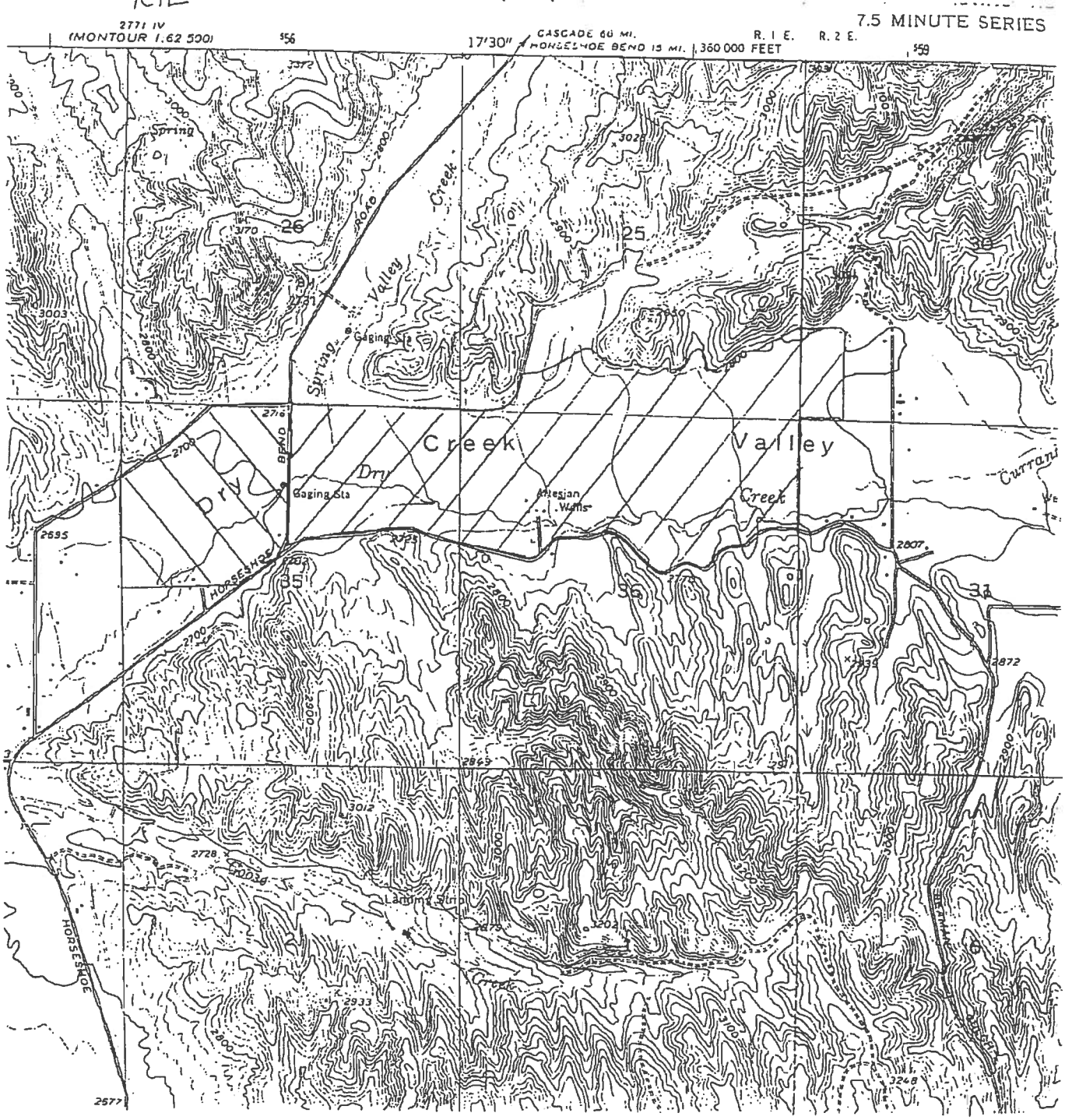
See attached topo map and CFSA photo for visual clarification.

cc: A63-02535, A63-04023A, A63-04086A, A63-07123

MICROFILMED

FEB 0 3 2000

T5N
R1E



area protected

area not protected
(use surface water only)

MICROFILMED
FEB 03 2000

The Idaho
Statesman

P.O. BOX 40, BOISE, IDAHO 83707-0040

LEGAL ADVERTISING INVOICE

Amount Due
$82.75

Account Number/Trans. #	Identification		
047628	PROPOSED EXTENSION OF TIME TO AVOID FORFEITURE OF WATER RIGHTS		
Ordered By	**P.O. Number**	**Rate**	**Run Dates**
SUE TAYLOR		NT	MARCH 4, 11, 1999

STATE OF IDAHO
DEPT. OF WATER RESOURCES WESTERN REG.
2735 AIRPORT WAY
BOISE, IDAHO 83705 - 5082

Estimated Inches	Real Inches
# Affidavits	**Legal Number**
1	3459

RECEIVED
MAR 2 2 1999
WATER RESOURCES
WESTERN REGION

LEGAL NOTICE
A NOTICE OF PROPOSED EXTENSION OF TIME
TO AVOID FORFEITURE OF WATER RIGHTS

Notice is given that JULIUS JEKER, 6598 Dry Creek Rd. Boise ID 83703, has applied to the Dept. of Water Resources for an Extension of Time to Avoid Forfeiture pursuant to I.C. 42-222 for 4 ground water rights recorded as follows in T5N R1E, Ada County, unless otherwise noted:

No.	Priority	Use	Pt/Lt Diversion
63-02535	8/24/1937	Irrig/Dom	NENE 535
63-04023	7/01/1957	Irrig/Stock	NW SW 13 pts)
63-04086	7/20/1960	Irrig	NENE 536
63-07123	7/11/1968	Irrig	NENE 536

The first and last rights are licenses, and the others are statutory claims.
Irrigation is claimed and licensed in S25, S35, S36, and S30 T5N R2E, for a total of 9.49 cfs and 510 total acres.
Snake River Basin Adjudication claims are filed as described above except for a reduction in irrigation to 388 total acres.
Site encompasses 1 miles of Dry Creek drainage lust east of HWY 55.
EXTENSION REQUESTED FOR
5 years, or until 2004. Due to poor health, applicant has been unable to irrigate the property since 1994.
Any protest against the approval of the proposed water right applicallons must be filed with the Department of Water Resources, Western Region, 2735 Airport Way, Boise, ID 83705, together with a protest fee of $25.00 per right on or before March 22, 1999. The protestant must also send a copy of the protest to the applicant.
Karl J. Dreher, Director

Pub. Mar. 4, 11, 1999

3459

JANICE HILDRETH, being duly sworn, deposes and says: That she is the Principal Clerk of The Idaho Statesman, a daily newspaper printed and published at Boise, Ada County, State of Idaho, and having a general circulation therein and which said newspaper has been continuously and uninterruptedly published in said County during a period of twelve consecutive months prior to the first publication of the notice, a copy of which is attached hereto; that said notice was published in The Idaho Statesman in conformity with Section 60-108, Idaho Code as amended, for TWO

☒ consecutive weekly ☐ single
☐ consecutive daily ☐ odd skip

insertion(s) beginning with the issue of
MARCH 4, 1999
and ending with the issue of
MARCH 11, 1999

Janice Hildreth

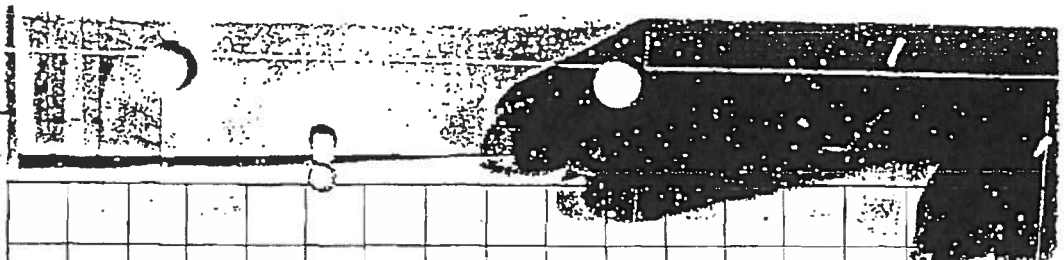
STATE OF IDAHO)
) ss.
COUNTY OF ADA)

On this 11TH day of MARCH in the year of 1999, before me, a Notary Public, personally appeared JANICE HILDRETH known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that she executed the same.

ANGELA M. NEWLAND NOTARY PUBLIC STATE OF IDAHO

Angela M Newland
Notary Public for Idaho
Residing at: Boise, Idaho
My commission expires: 2/14/05

MICROFILMED
FEB 03 2000



		Acres Filed on	cfs allowed	Acres to beneficial Use	cfs per acre
	Lic 0.70 cfs = 18495	35	.70cfs	35	.02cfs
	Claim 30cfs = 63-4023	350	3.0 cfs / 1.61	266	.01127cfs / .001498 / .01730cfs
	Permit 50cfs 63-3179 & 63-28723	620	5.00cfs / 3.39 / 1.61cfs	266	.0162 cfs
	Permit 2.0cfs = 63-7123	620	0.79 cfs		.002cfs

.0182 cfs

9.49cfs 510 Acres = Total irrigated

MICROFILM

Priority 7-11-68

Q measured 5.79 cfs

Q recommended 0.79 cfs

Volume 2295 AF (4cfs x 510)

Acreage

Found 620

recommended 510

Subdv 20

Ammendments

- None
- P.D.
- Place of use

Total volume of diversions of permits #18495, 63-4023, 63-3179 and 63-7123 shall not exceed 2295 Acre feet

Janice Hildreth, Idaho Statesman called Monday, February 22, 1999, at 8:15 a.m. She had been on vacation for a month and the people responsible for getting the legal ads in the paper didn't get 6 applications advertised on February 18 and 25. She will advertise them on March 4 and 11 with the protest date on March 22, 1999.

United Water, amendment

Julius Jeker, ext. of time.

City of Eagle, amendment

Lisa Gray, transfer

Don Watkins, app.

Don Watkins, app.

MICROFILMED
FEB 0 3 2000

A NOTICE OF PROPOSED EXTENSION OF TIME TO AVOID FORFEITURE OF WATER RIGHTS

Notice is given that **JULIUS JEKER**, 6598 Dry Creek Rd, Boise ID 83703, has applied to the Dept. of Water Resources for an Extension of Time to Avoid Forfeiture pursuant to I.C. § 42-222 for 4 ground water rights recorded as follows in T5N R1E, Ada County, unless otherwise noted:

No.	Priority	CFS	Uses	Point of Diversion
63-02535	8/24/1937	.70	Irrig/Dom	NENE S35
63-04023	7/01/1927	3.00	Irrig/Stock	NW S36 (3 pts)
63-04086	7/20/1960	5.00	Irrig	NENE S36
63-07123	7/11/1968	.79	Irrig	NENE S36

The first and last rights are licenses, and the others are statutory claims.

Irrigation is claimed and licensed in S25, S35, S36, and S30 T5N R2E, for a total of 9.49 cfs and 510 total acres.
Snake River Basin Adjudication claims are filed as described above except for a reduction in irrigation to 388 total acres.
Site encompasses 1½ miles of Dry Creek drainage just east of HWY 55.

EXTENSION REQUESTED FOR
5 years, or until 2004. Due to poor health, applicant has been unable to irrigate the property since 1994.

Any protest against the approval of the proposed water right applications must be filed with the Department of Water Resources, Western Region, 2735 Airport Way, Boise ID 83705, together with a protest fee of $25.00 per right on or before March ~~8, 22~~ 1999. The protestant must also send a copy of the protest to the applicant.

Karl J. Dreher, Director

Published in the Idaho Statesman on ~~February 18 and 25~~ March 4 + 11, 1999.

Statesman error

MICRC...

FEB 0 3 2099

November 20, 1970

Re: Permit No. 63-3179
Claim No. 63-4023

Anderson & Kelly
6700 Emerald
Boise, Idaho 83704

Attn: Jack A. Barnett

Dear Jack:

Referring to your letter of November 16, 1970 requesting additional time within which to pay necessary licensing fees, we do not feel that we are in a position to modify that time limit at this time. Fees will need to be received by this office on or before December 9, 1970, in order for Mr. Jeker to receive a license.

In reviewing your comments regarding our action of filing an exception on Claim No. 63-4023, the only method that we find set forth by Section 42-225b to record objections to a Claim is to file the exception as we did. This procedure has been utilized in several instances where departmental investigations have uncovered discrepancies in claims filed under Section 42-225a. I would have to disagree that the objection "now places doubt permanently on the records of that Claim as to its validity", since you will note that we are only objecting to the acreage described in Section 35. I would direct your attention to further provisions of Section 42-225b which provide that a claimant may amend his claim to correct the discrepancy brought forth by an objection.

Our objection came about because of discrepancies uncovered in our investigations for licensing of Permit No. 63-3179. You object to our not notifying the claimant prior to filing the objection. It would seem to me that any letter addressed to the claimant and describing the discrepancy would have placed the same type of "cloud" upon the validity of the claim

63-4023

as the objection might have placed. The only difference is that by filing the objection the way we did required the claimant to be given proper notice and a chance to correct the discrepancy. The notarized objection also has the advantage that it might stand by itself in the event that current personnel are not present to support the objection at such time that the court might review the claim.

I am concerned that your client feels that we have not acted properly in his interests. In reviewing his files it appears to me that this agency has attempted to assist Mr. Jeker and your firm as much as we are permitted to by law in order to clear up his water right matters. As you are aware, only in certain cases have we allowed amendments such as those which were approved for Permit No. 63-3179. I can give other examples where Mr. Jeker has been given the benefit of doubt by this office in matters affecting his permits.

We will be most happy to assist your client in filing a corrected claim to satisfy our objection. If you have any questions, please feel free to contact us.

Very truly yours,

C. STEPHEN ALLRED
Deputy Director

CSA:kh

cc. Julius Jeker

November 9, 1970

Re: Claim to a Water Right No. 63-4023

Mr. Julius Jeker
Route 1
Boise, Idaho

Dear Mr. Jeker:

In reference to the above claim, the enclosed is a copy of an exception filed by this Department in connection with your claim under the provisions of Chapter 2, Section 42-225b of the Idaho Code, which states the following:

> "At anytime after filing a claim under the provisions of this section, any person who disagrees that a right has been established as set forth in said claim may file an exception thereto in duplicate, in affidavit form, accompanied by such proof as said person deems appropriate. An exception filed shall be made a part of the file of the claim in the department of reclamation and shall be considered the same as other evidence in said file. A copy of an exception filed shall be forwarded to the claimant by the department of reclamation. Such claims may be corrected by the claimant only by filing of an amended claim in the same form as the original which shall be recorded and numbered by the department the same as the original and for which no additional filing fee shall be required."

Only the above action has been contemplated by the Idaho Legislature and we are not authorized to hold hearings or evaluate for final censorship or conformation of the described rights.

If we may be of further assistance, please contact us.

Very truly yours,

BOBBY D. FLEENOR
Assistant Director

BDF:kh

Enclosure

63-4023

AFFIDAVIT

The Department hereby files an exception to Claim of Water Right No. 63-4023. An examination of the land listed under Claim No. 63-4023 was made by this Department on November 3, 1939 concerning Permit No. 63-2535. At that time, the examiner found only 35 acres being irrigated within the N½NE¼, SW¼NE¼ Sec. 35, T. 5 N., R. 1 E., B.M. The Claim, as filed, states that there has been 95 acres continuously irrigated within this area since July 1, 1927. Therefore, the basis for this exception is the examination made by this Department on November 3, 1939 which indicates that there could not possibly be 95 acres irrigated within the N½NE¼, SW¼NE¼ Sec. 35 since July 1, 1927.

Dated this 6th day of November, 1970.

Bobby D. Fleenor

BOBBY D. FLEENOR
Assistant Director

State of Idaho)
County of Ada) ss.

On this 6 day of November, 1970, personally appeared before me the signer(s) of the above instrument, who duly acknowledged to me that he executed the same.

Notary Public

My Commission expires: 2-18-74

63-4023

August 5, 1968

COPY

Re: Claim No. 63-4023

Julius Jeker
Route #1
Boise, Idaho

Dear Mr. Jeker:

Please be advised that the Department of Reclamation has received and processed your claim to a water right. The information in your claim is filed in the above referenced claim folder.

Enclosed is receipt No. 1096 for the amount of $10.00 for your filing fee. Please contact us if we may be of further assistance.

Very truly yours,

Donald W. McEldowney
Appropriation Examiner

DWM:ks

Enclosure: Receipt No. 1096

63 4023

107 Statehouse
Dept of Rec.
Galley Proof

RECEIVED
JUL 24 1968
Department of Reclamation

63 4023

NOTICE OF CLAIM TO A WATER RIGHT
No. 63-4023

Notice is hereby given that Julius Jeker, Route # 1, Boise, Idaho has filed a claim to a water right established by diversion and application to beneficial use of 3.0 cubic feet per second of water from subterranean source with points of diversion in SW1/4NW1/4, NE1/4NW1/4, SE1/4NW1/4, Sec. 36, Twp. 5 N., Rge. 1 E., B.M. in Ada County; the water is claimed to be used from April 1 to October 31 for irrigation and from January 1 to December 31 for livestock water with a priority of July 1, 1927; the place of use is N1/2, Sec. 35; NW1/4, Sec. 36, Twp. 5 N., Rge. 1E., B.M.

Any exception to this claim of water right may be filed with the Department of Reclamation.

R. KEITH HIGGINSON
State Reclamation Engineer

Published in the Intermountain Observer on July 27th and August 3rd.

July 18, 1968

Re: Permit No. 63-7123-Clarence E. and/or Eleanor F. Thompson
Claim No. 63-4023-Julius Jeker

Intermountain Observer
P.O. Box 7387
Boise, Idaho

Gentlemen:

Enclosed you will find a legal notice which we wish to have published once a week for two consecutive weekly issues of your newspaper. We have inserted the publication dates allowing ample time for you to submit us a galley proof for review before publication.

After sending us a galley proof, proceed with the publication on the dates we have inserted assuming the notice is correct. If we have any corrections, we will notify you before the first publication date. If you can not publish the notice on the proposed dates please contact us immediately.

An affidavit of publication must be submitted to the Department of Reclamation, along with the publication bill. In order to receive payment, the following certification must appear on the bill:

> I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of same has been paid.

_____
Signature of claimant

Very truly yours,

Donald W. McIldowney
Appropriation Examiner

DWM:kh

Enclosures

63 4023

Form 3

NOTICE OF CLAIM TO A WATER RIGHT

No. ~~63-4023~~

Notice is hereby given that ~~Julius Jaker, Route # 1, Boise, Idaho~~ _____ has filed a claim to a water right established by diversion and application to beneficial use of ~~3.0~~ _____ cubic feet per second ~~acre feet~~ of water from ~~subterranean source~~ _____ with point of diversion in ~~SW¼NW¼~~, NE ~~NW¼, SE¼NW¼~~ Sec. 36, Twp. 5 N., Rge. 1 E., B.M. in ~~Ada County~~; the water is claimed to be used from ~~April 1 to October 31 for irrigation~~ and from January 1 to December 31 for livestock water with a priority of ~~July 1, 1927~~ _____; the place of use is ~~N½ Sec. 35; NW¼ Sec. 36, Twp. 5 N., Rge. 1 E., B.M.~~ _____.

Any exception to this claim of water right may be filed with the Department of Reclamation.

R. KEITH HIGGINSON
State Reclamation Engineer

Published in the ~~Intermountain Observer~~ _____ on ~~July 27th~~ _____ and ~~August 3rd~~ _____.

63 4023

pa

Attachment F:

Water Right 63-4086B

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Adjudication Recommended Right Report

05/06/2005

WATER RIGHT NO. 63-4086B

Owner Type	Name and Address
Current Owner	JULIUS JEKER 6598 DRY CREEK RD BOISE, ID 83703 (208)939-6235

Priority Date: 07/20/1960
Basis:
Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	3/15	11/15	5 CFS	
Total Diversion			5 CFS	

Location of Point(s) of Diversion:

GROUND WATER | NENE | Sec. 36 | Township 05N | Range 01E | ADA County

Place(s) of use:

Place of Use Legal Description: IRRIGATION ADA County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
05N	01E	25		SWSW	5		SESW	4						
				SWSE	22		SESE	31						
		35		NENE	15		NWNE	21		SWNE	13		SENE	13
		36		NENE	38		NWNE	40		SWNE	20		SENE	8
				NENW	39		NWNW	39		SWNW	17		SENW	11
	02E	30		SWSW	23									

Total Acres: 359

Conditions of Approval:

1.	C18	This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

Dates:

Other Information:
State or Federal: S
Owner Name Connector:
Water District Number:
Generic Max Rate per Acre:
Generic Max Volume per Acre:
Swan Falls Trust or Nontrust:
Swan Falls Dismissed:
DLE Act Number:
Cary Act Number:
Mitigation Plan: False

Close

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Water Right Report

05/10/2005

WATER RIGHT NO. 63-4086

Owner Type	Name and Address
Current Owner	JULIUS JEKER RT 1 BOISE, ID

Priority Date: 07/20/1960
Basis: Statutory Claim
Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	4/01	10/31	5 CFS	
Total Diversion			5 CFS	

Location of Point(s) of Diversion:

GROUND WATER	NENE	Sec. 36	Township 05N	Range 01E	ADA County

Place(s) of use:

Place of Use Legal Description: IRRIGATION ADA County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	A
05N	01E	25		SESW	4									
				SWSE	22		SESE	31						
		35		NENE	15		NWNE	21		SWNE	13		SENE	1
				NENW	39		NWNW	19		SWNW	36		SENW	2
		36		NENE	38		NWNE	40		SWNE	20		SENE	8
				NENW	39		NWNW	39		SWNW	17		SENW	1
	02E	30		SWSW	20									

Total Acres: 473

Conditions of Approval:

1.	PRIORITES ARE 7-20-1960 OF 3.2 CFS & 5-15-1968 OF 1.8 CFS. BASED ON EXPIRED PERMIT 63-3179.

Dates:
Licensed Date:
Decreed Date:
Enlargement Use Priority Date:
Enlargement Statute Priority Date:
Water Supply Bank Enrollment Date Accepted:
Water Supply Bank Enrollment Date Removed:
Application Received Date:
Protest Deadline Date:
Number of Protests: 0

Other Information:
State or Federal:
Owner Name Connector:
Water District Number:
Generic Max Rate per Acre:
Generic Max Volume per Acre:
Civil Case Number:
Old Case Number:
Decree Plantiff:
Decree Defendant:
Swan Falls Trust or Nontrust:
Swan Falls Dismissed:
DLE Act Number:
Cary Act Number:
Mitigation Plan: False

Close

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Adjudication Claim Report

5/12/2005

WATER RIGHT NO. 63-4086
Status: See Remarks

Owner Type	Name and Address
	JULIUS JEKER

Conditions of Approval:

1.	THIS RIGHT WAS SPLIT AND CLAIMED AS FOLLOWS: A63-04086A, WEISSHAUPT/BRUSHER, 2.44 CFS ON 122.0 ACRES A63-04086B, JEKER, 5.0 CFS ON 359.0 ACRES

Water Right 63-4086

63-4086

STATE OF IDAHO,)
COUNTY OF ADA) ss.

Georgene Davis, being duly sworn, deposes and says: That she is the Principal Clerk of The Idaho Statesman, a daily newspaper printed and published at Boise, Ada County, State of Idaho, and having a general circulation therein and which said newspaper has been continuously and uninterruptedly published in said County during a period of twelve consecutive months prior to the first publication of the notice, a copy of which is attached hereto; that said notice was published in the regular edition of The Idaho Statesman for Two weekly ~~consecutive~~ insertions, beginning with the issue of April 1, 1971, and ending with the issue of April 8, 1971.


LEGAL NOTICE
NOTICE OF CLAIM TO A WATER RIGHT
No. 63-4086
Notice is hereby given that Julius Peke, Route 1, Box 1, Boise, Idaho, has filed a claim for a water right established by diversion and application to beneficial use of public heat, ground water resource with priority of ... from ground water to be used ... NE¼NE¼ ... SE¼ ... SW¼SW¼ ... Sec. ... T. ... R. 2E. ... Any exception to this claim or water right may be filed with the Idaho Department of Water Administration, Statehouse, Boise, Idaho.
KEITH HIGGINSON
Director
Pub. April 1, 8, 1971

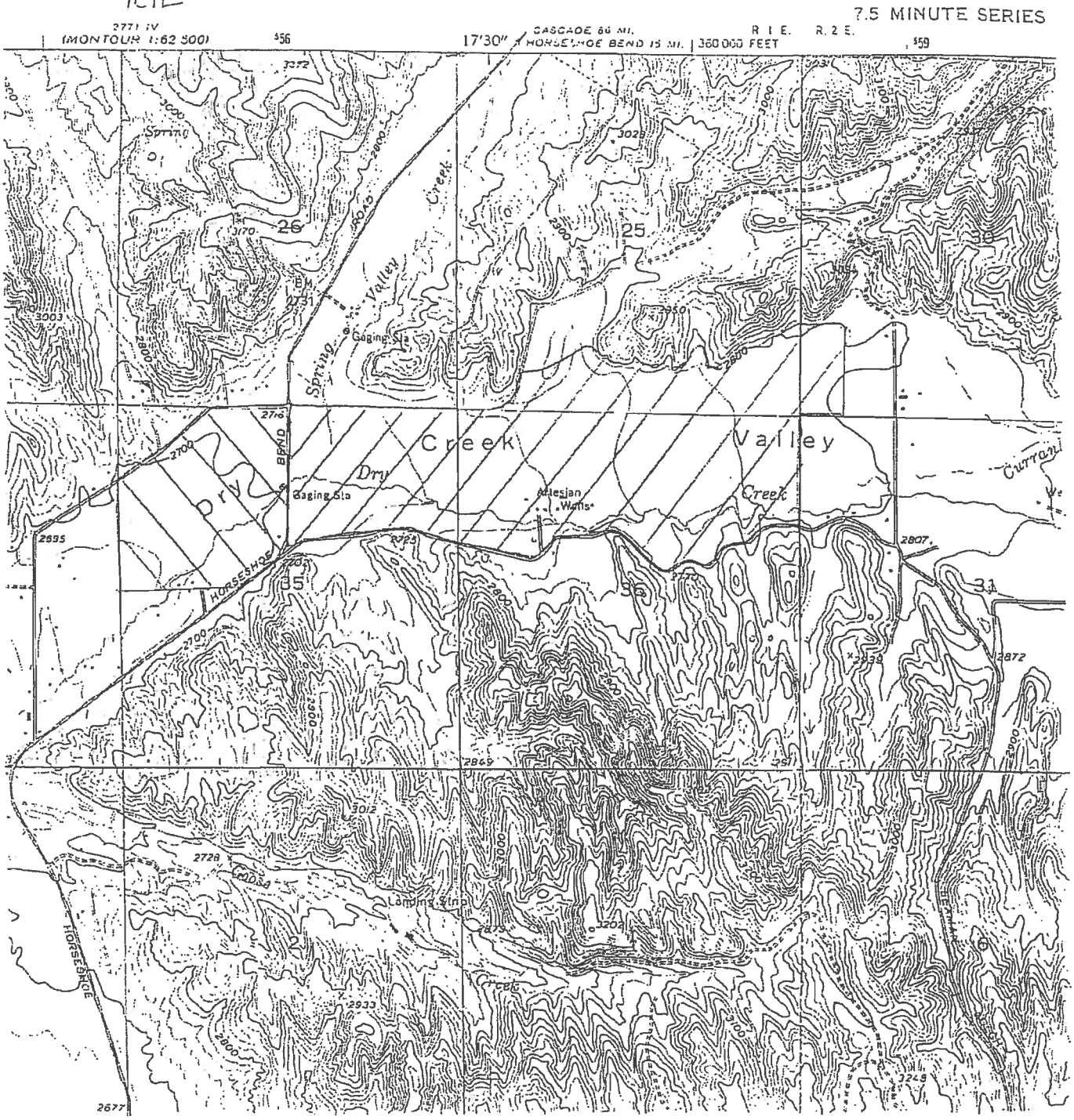
Georgene Davis

Subscribed and sworn to before me this 8th day of April, 1971.

Notary Public for Idaho, Residing at Boise, Idaho

63 4086

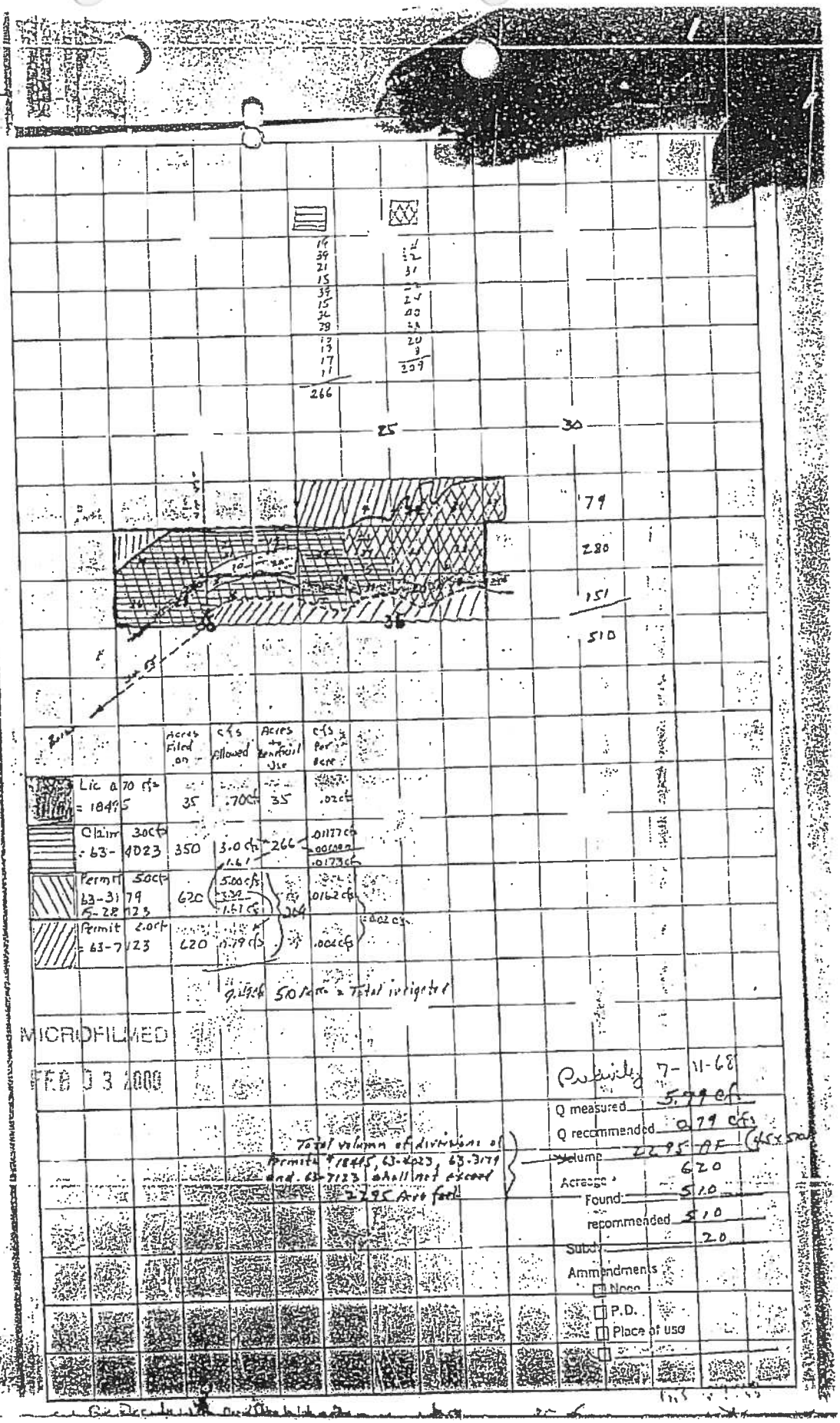
T5N
R1E



area protected

area not protected
(use surface water only)

MICROFILMED
FEB 0 3 2000


16
39
21
15
39
15
32
29
13
13
17
11
266
12
31
24
00
28
20
9
209
25
30
179
280
151
510
35
Acres Filed on
cfs Allowed
Acres on Landfill Site
cfs Per Acre
Lic a 70 cfs = 18445
35
.70cfs
35
.02cfs
Claim 30cfs - 63-4023
350
3.0 cfs
266
.01177 cfs
.00496
.01673 cfs
Permit 50cfs 63-3179 S-28123
620
5.00 cfs
3.39
1.61 cfs
264
.0162 cfs
Permit 2.0cfs = 63-7123
620
0.79 cfs
264
.0062 cfs
9.69cfs 50 cfs = Total in tigated
MICROFILMED
FEB 03 2000
Publicity 7-11-68
Q measured 5.99 cfs
Q recommended 0.79 cfs
Volume 2.95 AF (365 x 5.0)
Acreage 620
Found: 510
recommended 510
Subd: 20
Ammendments
None
P.D.
Place of use
Total volumn of diversions of Permits #18445, 63-4023, 63-3179 and 63-7123 shall not exceed 2295 Acre feet

Form 2-222
7/94

Water Right No. 63-4086

RECEIVED
JAN 13 1999
Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED
JAN 14 1999
WATER RESOURCES
WESTERN REGION

APPLICATION FOR EXTENSION OF TIME TO AVOID FORFEITURE OF A WATER RIGHT

Section 42-222, Idaho Code, provides that a water right shall be lost and forfeited and the water right revert to the state upon the failure of a water user to apply the water to beneficial use for a period of five (5) years. The Director may allow an additional five (5) year period of non-use without forfeiture upon a showing of reasonable cause.

1. Name of water right holder Julius Jeker
2. Mailing address 6598 Dry Creek Road, Boise, ID 83703
3. The right was obtained or is evidenced by:
   a. Decree to _____ in Case of _____
   vs. _____, Dated _____ in _____ (Name of Court)
   Court, County of _____. Fully describe decree _____
   b. License No. _____ c. Claim No. 63-4086
   d. SRBA No. _____
4. Source of water Underground (Name of stream or source) tributary to _____
5. Date of priority of right July 20, 1960 and May 15, 1968
6. Description of Right:
   amount 3.2 cfs (cfs/ac-ft) for Irrigtion purposes from April 1 to October 31 (1960 priority)
   amount 1.8 cfs (cfs/ac-ft) for Irrigation purposes from April 1 to October 31 (1968 priority)
7. Point of Diversion NE ¼ NE ¼ of Sec. 36 Twp. 5N Rge. 1E County Ada

8. Lands Irrigated or Place(s) of Use:

TWP	RGE	SEC	NE				NW				SW				SE				Totals
5N	1E	25												4			22	31	57
"	"	35	15	21	13	13	39	19	36	28									184
		36	38	40	20	8	39	39	17	11									212
5N	2E	30											20						20

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FEB 03 2000

Total Acres 473

9. Give the last date when water was put to beneficial use 1994 irrigation

Length of extension of time requested five years, or until _____ (Date)

10. Explain fully your reasons for requesting an extension of time within which to resume the use of your water right and reasons for non-use Because of poor health I have been unable to irrigate under this water right since 1994. I have also been unable, thus far, to hire suitable and competent help for the irrigation

The information contained in this application is true to the best of my knowledge.

X _____
(Signature of Applicant)

Subscribed and sworn to before me this 27th day of January, 19 99.

TINA L. PAYNE NOTARY PUBLIC STATE OF IDAHO

_____
(Notary Public)

My commission expires 10/15/04 Residing at Meridian, Idaho

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined this application for extension of time within which to resume the use of a water right and I hereby APPROVED said application subject to the following conditions or reasons:

Approval of this extension does not confirm the right claimed. This extension of time does not apply to water use within the NW 1/4, Section 35, T5N, R1E, B.M. Approval of this extension does not preclude the review of the extent and validity of the right in the Snake River Basin Adjudication. The right holder shall resume use of water on or before November 1, 2004.

Signed this 27th day of January, 2000.

_____
L. GLEN SAXTON, Bureau Chief, Water Allocations Bureau

MICROFILMED

FEB 0 3 2000

FOR DEPARTMENT USE ONLY

Date Received 1-13-99 $100 FEE Receipted by HW Date 1-13-99 Receipt # C044340

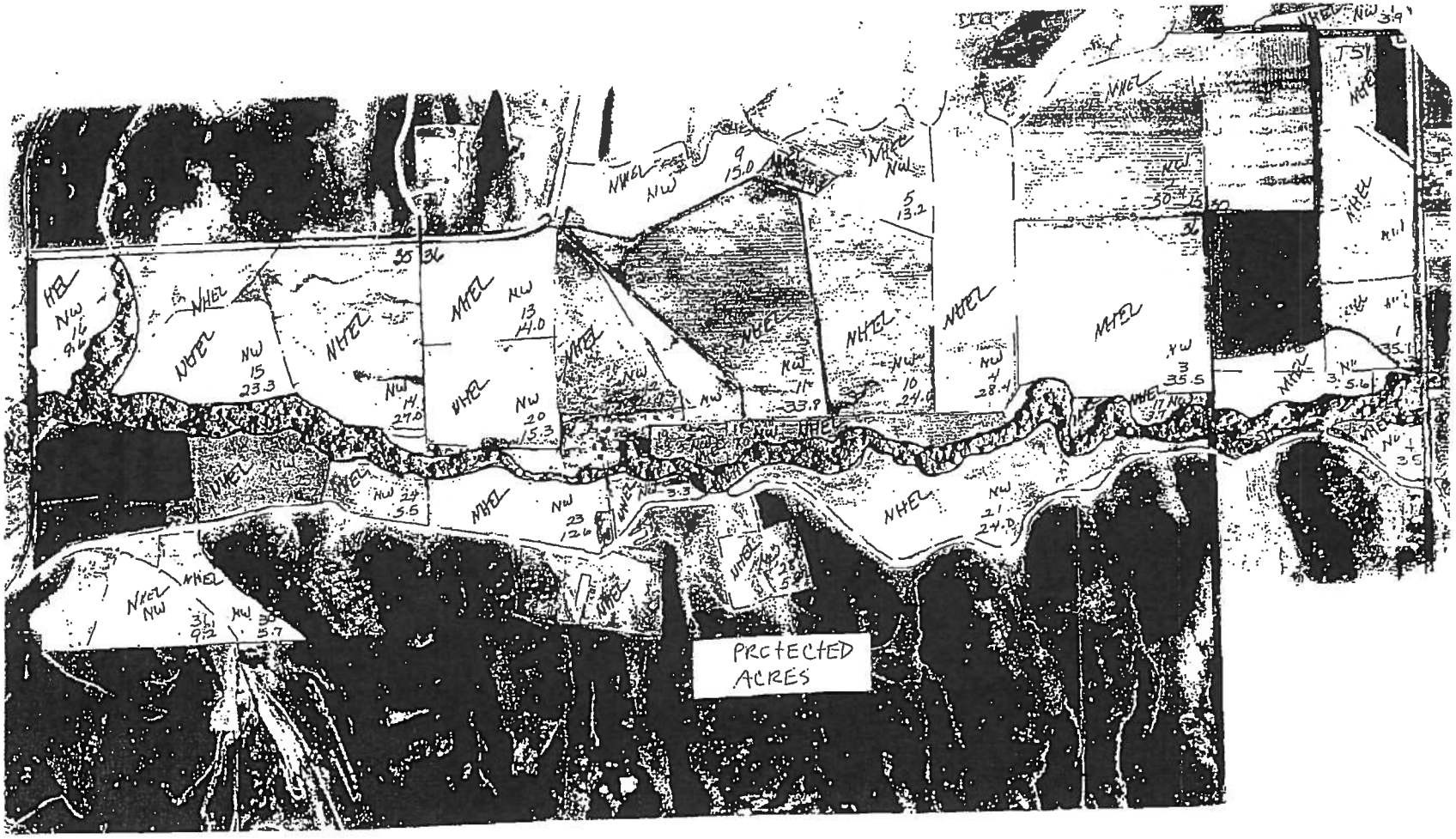
Preliminary ✓ by _____ Publication prepared by _____ Pub. approved by _____ Date _____

Published In Idaho Statesman Dates Published 3-4+11-99

Protests filed by _____

Copies of protests forwarded by _____ Hearing held by _____ Date _____

Recommended for ~~APPROVAL~~ / DENIAL By Barry Spackman


PRCTECTED
ACRES

Identification No. _____
Claim No. 63-4086
Map No. _____

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
CLAIM TO A WATER RIGHT
Established by Diversion and Application to Beneficial Use

Under the provisions of Section 42-225a, Idaho Code, a person may file a claim to a right to use water which has been established by diversion and application to beneficial use. **The filing of this claim does not confirm the water right but will serve for information purposes only.** It may, however, become the basis for future adjudication of the water right by the Court.

(Please refer to the instructions on the back of this form)

1. Name of claimant Julius Jeker
   post office address Route 1, Boise, Idaho
2. The point of diversion is in NE ¼ of NE ¼ Section 36 Township 5 North
   Range 1 East B.M. located on underground water
   (name of source)
   tributary to _____ in Ada County.
3. Dates of priority claimed: list the priority for each separate quantity that you claim. Priority dates should be based upon the earliest diversion of the water which has resulted in continued beneficial use since that time. If there has been an interval of five years or greater when the water was not beneficially used for the same purpose as originally appropriated, the priority that you claim should date from the time that the water was again beneficially applied following the period of non-use.
   a. Date of priority claimed:

   July 20, 1960 amount: 3.20 c.f.s. or _____ acre feet
   May 15, 1968 amount: 1.80 c.f.s. or _____ acre feet
   _____ amount: _____ c.f.s. or _____ acre feet
   Total claimed 5.00 c.f.s. or _____ acre feet.

   b. Explain the purpose for which the water has been used and the time during the year when you have used the right claimed:

   use Irrigation period of use from April 1 to October 31 (both dates inclusive)
   use _____ period of use from _____ to _____ (both dates inclusive)
   use _____ period of use from _____ to _____ (both dates inclusive)
   use _____ period of use from _____ to _____ (both dates inclusive).

4. Description of diverting works:
   a. Surface water diversion dam and/or headgate: material is composed of _____ ; length is _____ feet; height is _____ feet; width at bottom is _____ feet; with at top is _____ feet; explain any increase in diversion capacity since structure was first buil, giving dates and estimated capacities if known _____

   b. Underground water diverting works: is well flowing or pumped pumped ; depth of well is 218 feet; diameter of well is 16 inches; type of pump is vertical turbine capacity of pump is 2700 g.p.m.; name and address of well driller is Kenneth Witt, Caldwell, Idaho (earlier well by Bill M. Lukehart, formerly of Boise, Idaho).

63 4086

attach well logs if available; has there been any change in pump or motor since well was first completed _____; if so, give dates and explain (See affidavits attached)

c. Conveying works: length of ditch to place of use is _____ feet; width of ditch at top is _____ feet; width of bottom of ditch is _____ feet; depth of water is _____ feet; grade of ditch per 1000 feet is _____ feet; material through which ditch passes is _____; maximum length of pipe line to first place of use is _____ feet; diameter of pipe line is _____ inches; type of pipe _____; grade of pipe per 1000 feet is _____. Please explain any changes or increase in size of conveying system since water was first appropriated, giving date and dimensions if possible. (See affidavits attached)

d. If water is stored: name of reservoir _____; total capacity of reservoir is _____ acre feet; active capacity of reservoir is _____ acre feet; year construction commenced _____; year completed _____; date first used _____ period of storage is from _____ to _____; is reservoir drained each year _____; is reservoir on or off stream _____ explain _____

if feeder canal is used give maximum carrying capacity _____ c.f.s.; if reservoir is off stream, describe location of reservoir by 40-acre subdivisions _____

has there been any enlargement of the reservoir since it was first built _____, if so, give dates and describe _____

5. a. Where water is used for irrigation, describe area irrigated by 40-acre subdivisions and give total acres:

TWP.	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
5N	1E	25												4			22	31	57
		35	15	21	13	13	39	19	36	28									184
		36	38	40	20	8	39	39	17	11									212
5N	2E	30											20						20

Total number of acres to be irrigated 473

Explain any significant increase in area irrigated since first use, give dates and acreages if known _____

Remarks - Continued

An additional water right to water from this well is identified as 63-7123. This right is licensed with a priority junior to this claimed right to cover the amount pumped from the well in excess of the 5 cfs. claimed herein. Right 63-7123, 63-4023 and 63-2535 are used in part in conjunction with this claimed right to irrigate the lands described under paragraph 5-a.

b. Do you get water through a ditch owned by several users? No If yes, give the name of the ditch _____ The other users and their respective interests in the ditch are (if known) _____

6. Where water is used for stock watering, give number of each kind of stock watered NA

7. Where water is used for domestic or municipal purposes give number of families served NA
name of town supplied _____

8. Where water is used for other purposes not above enumerated, give the nature of use, the extent of use, and any details regarding the initiation of the right or subsequent later expansion. Be as specific as possible, giving dates and quantities NA

9. Remarks: please explain any details of your claim which you feel need clarification or additional explanation
This claim is filed to cover water appropriated originally under Permit G-28423 (63-3179) which had a priority date of February 1, 1960 and was for the amount of 5.0 cfs. Affidavits of Proof of Completion of Works and Application to Beneficial Use were due under that permit on June 1, 1965 and at that time the State of Idaho required that three such affidavits be filed. Through an inadvertent error, only one such affidavit was filed on that date although the works were in fact completed and water had been put to beneficial use. It was my understanding that, notwithstanding this error, the permit would be licensed by the State with the original priority date of February 1, 1960. When I was advised by the State on November 9, 1970 that the license would be granted but only with a priority of May 21, 1965—because of the error in filing affidavits in 1965—I elected to not pay the licensing fees and in lieu thereof file this Claim to a Water Right in order to protect the true and equitable priorities established by actual beneficial use. The attached Affidavits, Exhibits A through J are attached to and made a part of this claim and it is requested that the file on Permit G-28423 (63-3179) be similarly incorporated as a part of this claim.

BE IT KNOWN that the undersigned hereby makes claim to a water right as described above together with all attached information and certifies that all statements are ~~true and~~ accurate to the best of his knowledge.

March 15 1971
(Date)

Julius Faber
(Signature of Claimant)

State of Idaho
County of Ada } ss.

On this 15th day of March 1971, personally appeared before me the signer(s) of the above instrument, who duly acknowledged to me that he ~~(she) (they)~~ executed the same.

Corinne D. Edmund
Notary Public residing at Ada, Idaho

My commission expires 5/1/75

For Department Use Only

Received by [illegible] Date 5-19-71	Exception filed by:	Forwarded to claimant by: 63 4086	Date	
Prelim. check by [illegible] Date 3-19-71				
Fee received by [illegible] Date 3/19/71 Fee $10.00				
Approved for publication by [illegible]				
Published in Idaho Statesman at Boise, Idaho Dates 4-1 & 4-8, 1971				

INSTRUCTIONS

Your claim should set forth all necessary information to describe your claimed right. Failure to give enough information may make your claim of little value. Some of the items in the form may not apply to your situation. Please use additional sheets if space provided is not sufficient to fully answer the questions.

Paragraph No.

1. Give full name and post office address of person or company making the claim.
2. Describe the point of diversion by 40-acre subdivision. Give the name of the source, the drainage to which it is tributary if surface water, and the county in which the point of diversion is located. If there is more than one point of diversion, list others in the remarks section.
3. Give the priority dates and the quantities of water that you claim. You should accurately list the dates that you initiated each new use of the water. List separately the dates and amounts of water involved in each enlargement of the diversion. (Example: if you diverted 0.8 c.f.s. of water for irrigation on May 18, 1871, for the first time for use on 40 acres of land, and then later you enlarged the diversion by diverting an additional 0.4 c.f.s. of water to irrigate an additional 20 acres of land on June 1, 1901, your right should be described as follows:

   Date of priority claimed: May 18, 1871 amount: 0.8 c.f.s. or _____ acre feet
   June 1, 1901 amount: 0.4 c.f.s. or _____ acre feet
   Total claimed: 1.2 c.f.s. or _____ acre feet

   Since the water was used for irrigation between April 1 and October 31 on that particular farm, part b. would be completed as follows:

   use irrigation period of use from April 1 to October 31 (both dates inclusive). If the water had been used for any other purpose, you would have described the priority date, amount, use, and period of use in a similar manner.
4. Describe the diversion works and explain any changes since the right was first initiated.
5. If the water is used for irrigation, give the total acreage and list the lands irrigated by 40-acre subdivisions and complete the other questions.

6, 7, & 8. Describe any other uses of water.

9. In the remarks section, give any information or details that you feel are not fully covered or that need clarifying. You might explain your operation, where the water is returned to if for an industrial or non-consumptive right, the condition and temperature of the returned water, and any other information to help explain your claim.

You may wish to include as a part of your claim, affidavits of witnesses who are familiar with your right and who have a personal knowledge of the circumstances which you have described in your claim. You may submit maps, drawings, certified copies of posted notices which may have been filed in the county courthouse, water measurement records, or any other document which you feel will support your claim.

Your claim will be advertised in a county newspaper for two weeks. Exceptions to your claim which dispute the water right that you have described may be received by the Department of Reclamation and you will be provided a copy of such exceptions.

The fee for filing this claim with the Department of Reclamation, Room 107, Statehouse, Boise, Idaho 83701, is $10.00.

Mr. R. Keith Higginson
Director, Idaho Department of Water Administration
Annex 2 Statehouse
Boise, Idaho

Re: 63-4023

Dear Mr. Higginson:

A formal affidavit exception signed by Bobby D. Fleenor of your office has been placed on my claim to a water right number 63-4023.

The claim as filed indicates a water right with a priority of July 1, 1927. To the best of my knowledge this priority date is correct. The lands irrigated at that time were in Sec. 36, T.5N., R.1E. The lands described in the claim in Sec. 35, T.5N., R.1E. were not irrigated until 1944 from the 4 wells described in this claim. A well located in Sec. 35 was drilled by the previous owner of the land (before 1944) and a water right under Lic. 18495 exists for the well and the irrigated land in Sec. 35.

In 1944 the irrigated land in question in Sec. 35 was sold to my father. At that time the waters from the four wells referred to in my claim were first used as a supplemental supply on the fields in Sec. 35 as well as continuing to supply the fields previously irrigated in Sec. 36.

The above explanation is true and correct to the best of my knowledge and I certify to this by my notarized signature below. I hope that this answers any questions the Department of Water Administration may have concerning the claim. I hereby request that this explanation be made a permanent part of claim 63-4023.

Mar. 15 1971
Date

Julius Jeker
Julius Jeker

State of Idaho)
) ss
County of Ada)

On this 15th day of March, 1971 Julius Jeker personally appeared before me, signed the above document and swore it to be a true and correct statement.

Carianne D. Redmond
Notary Public residing at Boise Idaho

My Commission expires: 2/1/75

63 4086

Exhibit A

AFFIDAVIT

In the Matter Of)
Claim to a Water Right)
By Julius Jeker)

Kenneth D. Witt, residing at Caldwell, Idaho, being first duly sworn, deposes and says:

That he is a licensed well-drilling contractor in the State of Idaho.

That in early October 1962 he was hired by Julius Jeker, Route 1, Boise to clean or repair a drilled irrigation well located in the NE¼NE¼ Section 36, T.5N., R.1E., B.M. Ada County which well, to his best knowledge and belief, had been drilled for Mr. Jeker in the early summer of 1960 by Bill Lukehart.

That he moved a drilling machine, tools, and equipment to the well site in October 1962, removed the electric-motor-driven turbine pump from the well, and attempted to remove sand that had partially filled the well and well screen.

That at the time of such work in October 1962 there was evidence that the well had been used prior to that date for the irrigation of crops in the vicinity.

That subsequently he was informed by Mr. Jeker that the original drilling contractor, Mr. Lukehart, was going to return to the well and perform more extensive rehabilitation and accordingly he removed his equipment from the site in the late fall of 1962.

That he was again contacted by Mr. Jeker in the spring of 1968 and hired to drill a replacement well for the well originally drilled in 1960, and that he completed this replacement well in May 1968 at which time it was tested with a pump at a rate of 2,950 gallons a minute (6.57 cubic feet per second). The replacement well is located less than 1/4 mile westerly of the original well and is also in the NE¼NE¼ Section 36, T.5N., R.1E., B.M.

Kenneth D. Witt
Kenneth D. Witt

63 4086

State of Idaho

County of Ada

Subscribed and sworn to before me on this 11th day of February, 1971

Corinne B. Edmond
Notary Public
Residing at Boise, Idaho

My Commission Expires: February 1, 1975

Exhibit B

AFFIDAVIT

In the Matter Of)
Claim to a Water Right)
By Julius Jeker)

Julius Jeker residing at Route 1, Boise, Idaho, being first duly sworn, deposes and says:

That on February 1, 1960 he filed an application to appropriate underground water with the State Department of Reclamation to appropriate 5.0 cubic feet per second from a well to be drilled in the NE¼NE¼ Section 36, T.5N., R.1E., B.M., Ada County and that said application was granted by the State and assigned Permit No. G-28423 (subsequently changed to No. 63-3179).

That subsequently he engaged Bill M. Lukehart, a water-well drilling contractor of Boise, Idaho, to drill the well and that the drilling commenced in the late spring or early summer of 1960 and was completed on or about July 20, 1960.

That the well was temporarily equipped with a gasoline-engine driven pump on or about July 20, 1960 and the well pumped at a maximum rate of 160 miners inches (3.20 cubic feet per second) and that the water pumped was applied to beneficial use for the irrigation of crops.

That later in the irrigation season of 1960 a permanent electric 60 H.P. motor driven turbine pump was installed and operated. but that there was some difficulty with pumping of sand. Pumping continued throughout the remainder of the 1960 and all of the 1961 and 1962 irrigation seasons, at varying rates not exceeding 3.20 cubic feet per second, and the water thus pumped was applied to beneficial use for the irrigation of crops.

That in the fall of 1962 he engaged another drilling contractor, Kenneth D. Witt of Caldwell, Idaho to remove the pump and clean out the sand that had partially filled the well and well screen; and that he also retained Keith E. Anderson, consulting engineer of Boise, Idaho, to advise him concerning the rehabilitation or reconstruction of the well.

That in March 1963 Mr. Lukehart returned to the well to perform certain rehabilitation measures including repairs or modifications to the screen assembly, and that the well was then pumped in late April or early May 1963 at a rate of about 3.0 cubic feet per second and that water from the well was applied to beneficial use for the irrigation of crops during the 1963 irrigation season.

63 4086

That, although there were continuing difficulties with snad or pump problems, the well was pumped and used for irrigation of crops throughout the 1964, 1965, 1966 and 1967 irrigation seasons.

That after the 1967 irrigation season he decided to replace the well with a new well to be drilled under the same permit and in the same 40-acre tract and that the new well was completed by Kenneth D. Witt, water-well contractor in May 1968. Upon completion of this replacement well it was pumped at a rate of 6.0 cubic feet per second and used for irrigation of crops in the 1968 irrigation season and each irrigation season since then to the present time.

That when he learned the replacement well could supply more than the 5.0 cubic feet per second under the existing Permit G-28423 (63-3179), he made application to the State Department of Reclamation for the appropriation of the additional water; this application was assigned Permit No. 63-7123.

That a field examination was made by the Department of Water Administration (formerly State Department of Reclamation) in 1970 and I was advised that the well discharge was measured at 5.79 cubic feet per second, of which 5.00 cfs was assigned to the original permit (G-28423 or 63-3179) and the balance of 0.79 cfs to the subsequent permit (63-7123).

That the Department of Water Administration proposed to license the original permit for 5.0 cfs with a priority date of May 21, 1965 rather than the original priority date of the application of February 1, 1960--said change in priority date being because only one of the three affidavits of Completion of Works and Application to Beneficial Use had been filed, as then but no longer required by the State, on June 1, 1965.

That the failure to file the two other affidavits on June 1, 1965 was an inadvertent error on my part and that in fact the works had been completed and the water applied to beneficial use as set forth in this affidavit.

That the sole reason for now filing a Claim to a Right, instead of allowing the permit to go to license, is to protect and maintain the true priority dates established by the actual appropriation and application to beneficial use.

And that he therefore claims the following rights to appropriate water from the well (covered under the original Permit G-28423 or 63-3179):

3.20 cubic feet per second with a priority date of July 20, 1960.

and 1.80 cubic feet per second with a priority date of May 15, 1968.

Julius Jeker

Julius Jeker

State of Idaho

County of Ada

Subscribed and sworn to before me this 15th day of March, 1971.

Corinne B. Raimond

Notary Public
Residing at Boise, Idaho

My Commission Expires: 2/1/75

63 4886

Exhibit C

AFFIDAVIT

In The Matter Of)
Claim to a Water Right)
By Julius Jeker)

Keith E. Anderson, residing at Boise, Idaho, being first duly sworn, deposes and says:

That he is a registered professional engineer in the State of Idaho and a partner in the firm of Anderson & Kelly, consultants in engineering and geology, which firm specializes in water problems.

That on or about October 15, 1962 he was retained by Julius Jeker, Route 1, Boise to inspect an irrigation well that needed repair or reconstruction and that since that time, to the present date, he has acted as a consultant to Mr. Jeker on problems of water supply and irrigation and has had an occasion to visit or inspect the property of Mr. Jeker at least once each irrigation season.

That his first inspection of the property was on October 23, 1962 at which time he saw the well drilled under Permit G-28423 (63-3179) located in the NE¼NE¼ Section 36, T.5N., R.1E., B.M., Ada County. At that time the permanent electric motor-driven pump had been removed from the well for inspection and repair. This pump was a Peerless water-lubricated turbine rated at 1440 gpm (3.2 cfs), with 130 feet of 8 x 1 3/16 column and a 3 stage 12-inch bowl assembly. At that same time he personally inspected the irrigated areas adjacent to the well and the irrigation system, as well as documents (invoices and cancelled checks) relating to the construction of the well, purchase of the pump, and purchase of electrical energy. As a result of these inspections it is his best knowledge and belief that water from the well was first applied to beneficial use on or about July 20, 1960 in the amount of 3.20 cfs, and was similarly applied during the 1961 and 1962 irrigation seasons.

That the well had certain construction deficiencies that resulted in pumping sand and that he recommended certain rehabilitation measures that were started by Kenneth D. Witt, water well contractor, and later completed in the spring of 1963 by the original well drilling contractor, Bill M. Lukehart.

63 4086

That he has personally seen water from this well, in amounts not exceeding 3.20 cfs, used for irrigation of adjacent lands during each irrigation season from 1963 to 1967 inclusive. The irrigation system comprised open earth ditches on laterals with maximum dimensions as follows: base width 2 feet, water depth 1½ feet, side slopes 3/4 to 1 or flatter, and gradients ranging up to 0.001. The irrigation system throughout that period had the capacity to carry at least 3.20 cfs and that he witnessed such flow rate. During a part of the latter seasons during the period 1963-67, there was an auxiliary pump used in some instances to pump a part or all of the well discharge into a portable sprinkler system.

That in the early months of 1968 he advised Mr. Jeker, in view of continuing problems resulting from the construction details in the original well, to drill a replacement or substitute well in the same 40 acre tract, less than 1/4 mile to the west.

That replacement well was drilled by Kenneth D. Witt, Caldwell drilling contractor, commencing in the spring of 1968 and was completed and tested on May 3, 1968; and that he personally observed the testing of the replacement well at a rate of 6.57 cfs.

That the replacement well was promptly equipped with a Layne turbine pump rated at 2700 gpm (6.0cfs) and that irrigation from this well at a rate of 6.0 cfs commenced on or about May 15, 1968. The irrigation system at the same time was modified to permit direct sprinkling from the pump discharge, using steel pipes of 12-inch diameter or less, as well as the earlier system of open ditches.

That use of the original well drilled under Permit G-28423 (63-3179) was abandoned upon completion of the replacement well and that irrigation under that permit in the 1968, 1969 and 1970 seasons was all from the replacement or substitute well.

That he has, as a part of his consulting services to Mr. Jeker, periodically advised him or assisted him in water right matters.

That on June 1, 1965, at the time and place designated by the State, he filed an affidavit of Proof of Completion of Works and Application to Beneficial Use for Permit G-28423 (63-3179) as one of three such affidavits which at that time were required by the State.

That subsequently he learned that the other two such affidavits, through inadvertent error, had not been filed and on or about April 20, 1968 (at the time the replacement well was being drilled) he discussed with the State Reclamation Engineer the best procedures to follow with respect to completing the permit. That it was the suggestion of the State Reclamation Engineer that Permit G-28423 (63-3179) be amended by withdrawing the three old flowing artesian wells for which a Claim to a Water Right should be filed; that the Permit so amended, which technically had expired, would be held open until completion of the substitute well at which time the original priority (February 1, 1960) could be used for the full amount (5.0 cfs); and that a new application be filed to cover any anticipated additional withdrawal over 5.0 cfs that could come from the substitute well.

That he concurred with these suggestions, reiterated in his letter of May 23, 1968 to the State Reclamation Engineer (copy attached, Exhibit D) and that the original permit was accordingly amended, a claim (63-4023) filed for the old artesian wells originally included with the permit, and a new application filed for the excess water to be obtained from the substitute well (permit 63-7123)

That in 1970 the substitute well was examined by the Idaho Department of Water Administration (formerly the State Department of Reclamation) and the discharge measured at 5.79 cfs and that on November 9, 1970 that agency advised Mr. Jeker that it intended to license permit G-28423 (63-3179) for 5.00 cfs with priority of May 21, 1965 upon receipt of $45.00 in fees and to license permit 63-7123 for 0.79 cfs with priority of July 11, 1968.

That because of previous indications of actual or potential interference between wells in this area of Mr. Jeker and other parties, he believed the question of priority date is of especial importance to Mr. Jeker; and that if the Department of Water Administration was to reduce his priority from February 1, 1960 to May 21, 1965,--because of the inadvertent error on Mr. Jeker's part in not filing the two additional affidavits June 1, 1965 which were at that time (but no longer) a requirement of the State--it would be to Mr. Jeker's best interest to not pay the $45.00 in fees for licensing of Permit G-28423 (63-3179) and in lieu thereof file a Claim to a Water Right based upon actual dates and amounts of application to beneficial use.

That he so advised Mr. Jeker, who concurred, and further so advised the Department of Water Administration; and that the election to file a claim instead of licensing the original permit was solely to protect the real and actual priority.

That from all of his person knowledge and experience he believes and knows that the following actual application to beneficial use was made from the well (and substitute) drilled under Permit G-28423 (63-3179):

3.20 cfs with priority of July 20, 1960
1.80 cfs with priority of May 15, 1968

and that in consideration of all of the facts in the matter that Mr. Jeker's claim to a water right in these amounts and with these priorities should have the same standing and right as if licenses were so issued.

Keith E Anderson
Keith E. Anderson

Subscribed and sworn to before me on this 15th day of February, 1971.

State Of Idaho

County of Ada

Corinne D. Redmond
Notary Public
Residing at Boise, Idaho

My Commission Expires: 2/1/75

63 4086

Form 17A
1.5 M 7-31-62

Exhibit E

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

BOISE, IDAHO

Department of Water Administration

Permit No. G-28423

* * * * * * * * *

PROOF OF APPLICATION OF WATER TO BENEFICIAL USE

DEPOSITION OF WITNESS

The deposition of two witnesses on this form, taken separately, required in each case

Ques. 1. State your name, age, residence, occupation and postoffice address:

Keith E. Anderson 45 yrs. 6932 Leesfield Pl.

Consulting Engineer Boise, Idaho

Ques. 2. Are you acquainted with Julius Joker, the holder of Permit No. G-28423 ? How long have you known him and where does he reside:

Yes. 3 years. Dry Creek Road, Route 1, Boise

Ques. 3. Have you read or heard said Permit No. G-28423 read, and are you familiar with its provisions and conditions: Yes: XXX No:

Ques. 4. State source of water supply: Four wells

State place of diversion: 3 artesian wells: NW NE and two in S. E.
1 pumped well: SW NE (All in Sec. 10, T5N, R1E)

Describe works for conveying water to place of use:

Ditches and channel of Dry Creek

Ques. 5. How many second feet of water do you estimate said works will safely conduct to place of use: 5.0 How much water have you seen being so conveyed: approximately 5.0 second feet

Ques. 6. If for irrigation, show number of acres irrigated in each subdivision, giving full legal description:

Sec 10 T5N, R1E, 20 ac in NE SW; Sec 15 T5N, R1E, 20 ac in S. E. and 35 ac in SW SE; Sec 35 T6N, R1E, 20 ac in NE NE, 20 ac in E NW, 15 ac in NW NE, and 20 ac in SW NE; Sec 36 T6N, R1E, 40 ac in NE NW, 3 ac in SW NW, 40 ac in SW NE, 20 ac in W NE, 30 ac in SW NW, and 19 ac in S. W

All totaling 375 acres

63 4086

Ques. 7. If for power or other purposes than irrigation, state how water has been used:

Ques. 8. (If for irrigation) state character of land that has been reclaimed, and give your estimate of the amount of water required for its profitable cultivation:

Dry-farmed gravelly silt loam in dry bench valley, ... [illegible]

diversion of about one second-foot to be ... [illegible]

Ques. 9. Have you any interest in the works, water or lands above mentioned? If so, in what way and to what extent: None

Ques. 10. When did you first see this water used: In 1931

Other times you have seen such use: Numerous occasions during such irrigation season since 1931

(Signed) Keith E. Anderson

I hereby certify that the foregoing testimony was read to the above subscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me in _____, County of _____, State of Idaho, on this ____ day of _____, A. D., 1962.

Notary Public for State of Idaho

Residing: _____

My commission expires: _____

63 4186

Exhibit B

May 23, 1968

JAN 19 19[illegible]
Department of Water Administration

Mr. R. Keith Higginson
State Reclamation Engineer
State House
Boise, Idaho

Re: Permit G-28423, Julius Jeker

Dear Mr. Higginson:

You will recall our discussion of several weeks ago relative to the above permit.

This permit was originally issued to cover water from three old flowing artesian wells and a new drilled well. The drilled well (owner's No. 6) was completed in the summer of 1960 but there was trouble with sand pumping and other features of well construction. In 1962-63 the well was investigated and rehabilitated. Although adequate production was obtained there was still some trouble with sand.

The owner accordingly decided to drill a substitute well (owner's No. 6-A) about 1/4 mile distant in the same 40-acre tract. This new replacement well has just been completed (and tested at 6.0 cfs) and will be used for irrigation this summer.

Proof of completion of works and application to beneficial use, on G-28423, were originally set for February 2, 1965 but extended to June 1, 1965. Apparently through some oversight all of the required depositions were not completed on that date although my deposition was taken by R. H. Copple, notary public and attorney for the permit holder, Mr. Jeker.

We appreciate your delaying further action on G-28423 pending the completion of the replacement drilled well (No.6-A). In accordance with your suggestion, we are now preparing for submission to you the following materials:

1. Claim Right form covering the three old flowing artesian wells originally under G-28423 plus one additional old flowing artesian well.

63 4086

2. Documents relating to the drilled well (1960) under G-28423 and the substitute well (1968) just completed, including:

   A. Log of the original well (No. 6).

   B. Deposition of Keith E. Anderson relating to G-28423, taken June 1, 1965.

   C. Log of the replacement well (No. 6-A) and test pumping data from replacement well (No. 6-A).

   D. Application for amendment to G-28423 to delete the old flowing artesian wells and to show location of the substitute well.

3. Application to appropriate 2.0 cfs of underground water, with priority as of date of filing, for the water to be developed from the substitute well which will be in excess of that amount covered by G-28423 (5.0 cfs with priority of February 1, 1960).

It is our understanding that, subject to taking of final proofs (if required) and field examination by your department, Permit G-28423 will go to license for 5.0 cfs with February 1, 1960 priority and the new permit will be issued (and licensed) for the additional 2.0 cfs with current priority date.

All of the documents referred to in the three numbered paragraphs above will be transmitted to you at one time with appropriate filing fees, as soon as they all can be assembled and executed by Mr. Jeker.

We would suggest that any field examination scheduled of the new substitute well, under G-28423, be deferred for at least a few weeks as the owner is now in the process

of procuring and installing the pump, motor and controls and obtaining the necessary electric power service to the site.

Your cooperation in all of these matters is very much appreciated.

Sincerely,

ANDERSON & KELLY

Keith E. Anderson

KEA/cr
cc: Mr. Julius Jeker
Mr. R. H. Copple

63 4686

Exhibit F

STATE OF IDAHO
DEPARTMENT OF WATER ADMINISTRATION
Statehouse – Annex 2
Boise, Idaho 83707
(208) 384-2215

November 9, 1970

Re: Permit No. 63-7123

R. Keith Higginson
Director

Water Rights Administration
Water Resource Investigations
Dam and Reservoir Safety
Water Well Drilling
Flood Plain Management
Irrigation and
Flood Control Districts

Mr. Julius Jeker
Route 1
Boise, Idaho

Dear Mr. Jeker:

A representative of this department has made an examination of the works covered by your Permit No. 63-7123 and has found the following:

Quantity of water diverted: 5.79 c.f.s.

Amount of water that can be recognized as beneficially used under Idaho law: 0.79 c.f.s.

* The maximum quantity diverted shall not exceed 2,128.5 acre feet per season.

Beneficial Use: Irrigation of 473 acres within the $SW\frac{1}{4}SW\frac{1}{4}$ Sec. 30, T. 5 N., R. 2 E., B.M.; $SE\frac{1}{4}SW\frac{1}{4}$, $S\frac{1}{2}SE\frac{1}{4}$ Sec. 25; $N\frac{1}{2}$ Sec. 35; $N\frac{1}{2}$ Sec. 36, T. 5 N., R. 1 E., B.M.

The priority date established is : July 11, 1968

If you do not concur with these findings, please advise us within 10 days; otherwise, a license will be issued as set forth in this letter.

Very truly yours,

Bobby D Fleenor

BOBBY D. FLEENOR
Assistant Director

63 4086

BDF:kh

* The maximum quantity of water diverted shall not exceed 2,295 acre feet per season when the right developed by this license is combined with that of License 63-2535, Claim No. 63-4023 and Permit No. 63-7123 or it's subsequent license.

Exhibit G

STATE OF IDAHO
DEPARTMENT OF WATER ADMINISTRATION
Statehouse – Annex 2
Boise, Idaho 83707
(208) 384-2215

November 9, 1970

Re: Permit No. 63-3179 (G-28423)

R. Keith Higginson
Director

Water Rights Administration
Water Resource Investigations
Dam and Reservoir Safety
Water Well Drilling
Flood Plain Management
Irrigation and
Flood Control Districts

Mr. Julius Jeker
Route 1
Boise, Idaho

Dear Mr. Jeker:

A representative of this department has made an examination of the works covered by your Permit No. 63-3179 and has found the following:

Quantity of water diverted: 5.79 c.f.s.

Amount of water that can be recognized as beneficially used under Idaho law: 5.0 c.f.s.

*The maximum quantity of water diverted shall not exceed 1,687.5 acre feet per season.

Beneficial Use: Irrigation of 462 acres within the $SW\frac{1}{4}SW\frac{1}{4}$ Sec. 30, T. 5 N., R. 2 E., B.M.; $SE\frac{1}{4}SW\frac{1}{4}$, $S\frac{1}{2}SE\frac{1}{4}$ Sec. 25; $N\frac{1}{2}$ Sec. 35; $N\frac{1}{2}$ Sec. 36, T. 5 N., R. 1 E., B.M.

The priority date established is : May 21, 1965 (late proof)

A fee totaling $ 45.00 must be received within 30 days from the date of this letter in order that we can issue you a Water License as set forth in this letter.

Very truly yours,

Bobby D Fleenor

BOBBY D. FLEENOR
Assistant Director

63 4086

BDF:kh

cc. Jack A. Barnett
R. H. Copple

* The water diverted by authority of this license is limited to the amount of water required to irrigate beneficially 375 acres of land, hereby established, subject to court review, at 1,687.5 acre feet per annum.

Exhibit H

December 7, 1970

Mr. R. Keith Higginson, Director
Department of Water Administration
Statehouse Annex 2
Boise, Idaho 83707

Re: Permit No. 63-3179 (G-28423)
Julius Jeker

Dear Mr. Higginson:

Reference is made to the above numbered permit and your letter of November 9, 1970 to Mr. Jeker transmitting the findings of the field examination made by your department and the data proposed for licensing of the water right.

This letter is to advise you that Mr. Jeker has elected to file a "Claim To A Water Right" in lieu of payment of the $45.00 fees for the licensing of the permit. Mr. Jeker has no objection to the findings of the field examination or the proposed terms of licensing except for the priority date proposed of May 21, 1965.

The original date of filing of the above permit was February 1, 1960. Completion of works and actual application of water to beneficial use was made on or about August 1, 1960. Through an unintentional oversight on the part of Mr. Jeker, the final proofs taken on the permit were incomplete in that the affidavits of the permit holder and one witness were not supplied. Because of this earlier incomplete proof it is now proposed by your department that the priority be reduced to May 21, 1965.

The sole purpose for now electing to file a Claim, rather than allowing the permit to go to license, is to establish and protect the true earlier priority date for this beneficial use of water.

This claim to be filed, which is now in preparation with necessary supporting documents, will set forth only such amounts and priorities as have actually taken place.

63 4086

On behalf of Mr. Jaker, we respectfully request that all documents now on file in your office on the above permit be retained so that they can be incorporated with the claim now being prepared.

Sincerely,

ANDERSON & KELLY

Jack A. Barnett

JAB/cr
cc: Julius Jaker
R. H. Copple

63 4086

WELL DATA

Owner Julius Jeker Well Name No. 6-A

Address Route 1, Boise Use Irrigation

State Idaho County Ada Basin

Map Scale Photos

NE ¼ NE ¼ Section 36 Twp. 5N. Range 1E. Boise B&M

Description

Driller K. Witt Date Spring 1968 Total Depth 218 ft.

Construction 16-inc. casing 0-144 ft.; 14 & 12-in. liner and screen assembly from 134-218 ft. with lead seal at 134 ft. (14-in. blank pipe 134-144; 12-in. pipe size Johnson Armco 0.060" slot screen Equipment 144-154, 164-174, 184-194, 204-214 ft.; 12-in. blank pipe between screen sections and from 214-218 ft.

Water Levels: Static 15 ft. Pumping 36 ft. Yield 2950 gpm

Remarks This well drilled as a replacement for owner's Well No. 6, under Permit G-28423. Remainder of well log and pumping test data on sheet 2.

WELL LOG

Description	Depths	
Topsoil	0 to	4
Topsoil and decomposed sand	4	38
Coarse sand	38	56
Blue shale, soft	56	58
Gravel and sand	58	72
Coarse sand	72	77
Sand and gravel	77	185

63 4086

WELL LOG

Description	Depths		
Coarse sand, some clay chunks	185	to	195
Coarse sand	195		230
PUMPING TEST			
Date and Time	Depth to Water		GPM
May 3, 1968 9:40 am	17'3"		static level
9:45			start test
10:00	22'11"		1480
10:15	23'1"		1480
10:30	25'		1740
10:45	27'6"		2160
11:00	28'		2160
(Discharge 11:15	28'		2160
measured with 8-in. orifice on 10-in 11:30	31'		2550
pipe) 1:15 pm	31'		2550
1:30	32'		2550
2:30	33'		2550
3:30	33'		2550
4:30	35'3"		2950
4:40	35'9"		2950
4:40½	20'		Recovery
4:41	19'10"		
4:42	19'6"		
4:43	19'5"		
4:45	19'3"		

63 4686

I certify that the discharge from the well was observed and measured to be 2950 gpm (6.57 cfs) on May 3, 1968.

Keith E. Anderson

Keith E. Anderson

ANDERSON & KELLY
CONSULTANTS IN ENGINEERING AND GEOLOG

Exhibit J

WELL DATA

Owner Julius Jeker Well Name No. 6

Address Route 1, Boise, Idaho Use Irrigation

State Idaho County Ada Basin .....

Map ..... Scale ..... Photos .....

NE ¼ NE ¼ Section 36 Twp. 5N Range 1E Boise B&M

Description .....

Driller B. Lukehart Date Summer 1960 Total Depth 180 ft.

Construction 16-in. O.D. casing 0-72 ft.; 16-in. open hole 72-140 ft.; 12-in. I.D. liner 140-162 ft. and 177-180 ft. with 15 ft. of 12-in. Johnson irrigator screen (0.100" slot) from 162-177 ft.

Equipment .....

Water Levels: Static 25 ft. Pumping 101 ft. Yield 1350 gpm

Remarks Well rehabilitated in early 1963 by adding 14-in. casing with sleeve fitting on top of 12-in. liner and cleaning hole to bottom; well still filling with sand in 1967 and this well will be abandoned and replaced with No. 6-A about 1/4 mile to the west.

WELL LOG

63 4086

Description	Depths	
Topsoil, silt and sand	0 to	68
Sand and gravel	68	72
Clay or shale	72	160
Sand and gravel	160	180

ANDERSON & KELLY
CONSULTANTS IN ENGINEERING AND GEOLOGY


LEGAL NOTICE

Pub. April 1, 8, 1971.

STATE OF IDAHO,)
COUNTY OF ADA) ss.

Georgene Davis, being duly sworn, deposes and says: That she is the Principal Clerk of The Idaho Statesman, a daily newspaper printed and published at Boise, Ada County, State of Idaho, and having a general circulation therein and which said newspaper has been continuously and uninterruptedly published in said County during a period of twelve consecutive months prior to the first publication of the notice, a copy of which is attached hereto; that said notice was published in the regular edition of The Idaho Statesman for Two weekly ~~consecutive~~ insertions, beginning with the issue of April 1, 1971, and ending with the issue of April 8, 1971.

Georgene Davis

Subscribed and sworn to before me this 8th day of April, 1971.

Notary Public for Idaho, Residing at Boise, Idaho

63 4086

State of Idaho
DEPARTMENT OF WATER RESOURCES
1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098
Phone: (208) 327-7900 FAX: (208) 327-7866

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

January 27, 2000

JULIUS JEKER
6598 DRY CREEK ROAD
BOISE ID 83703

RE: WATER RIGHT NOS. 63-02535, 63-04023, 63-04086 AND 63-07123

Dear Water Right Holder:

Enclosed are copies of approved Applications for Extension of Time to Avoid Forfeiture of a Water Right for the above referenced water rights. Please note that resumption of beneficial use of water shall occur on or before **November 1, 2004.**

Please notify the Department as soon as you resume use of the water. If you have not notified the Department sixty (60) days prior to the resumption date, the Department will send a Resumption of Use Notice to you by certified mail.

Be advised that Section 42-248, Idaho Code, requires you or the owner of these water rights to maintain current ownership and address records on file with the Department. Please contact any office of the Department for the proper form to file a change of ownership of the water rights and/or a change in the address of the owner or if you have any questions concerning this matter.

Sincerely,

L. GLEN SAXTON, Chief
Water Allocation Bureau

Enclosure

c: IDWR - Region

MICROFILMED
FEB 0 3 2000

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM	USE PERIOD TO	DIVERSION RATE	DIVERSION VOLUME
C	JULIUS JEKER RT. 1 BOISE ID	07/20/1960	IRRIGATION	04/01	10/31	5.000 CFS --- 5.000 CFS	

Water Source: GROUNDWATER Tributary to: Stage: STATUTORY CLAIM

Point(s) of Diversion: T05N R01E S36 NENE ADA County

Place of use Legal Description for: IRRIGATION

			NE				NW				SW				SE				
			NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	
T	R	S	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	SUM
05N	01E	25					*							04			22	31	57.0
05N	01E	35	15	21	13	13	39	19	36	28									184.0
05N	01E	36	38	40	20	08	39	39	17	11									212.0
05N	02E	30											20						20.0
																	TOTAL ACRES		473.0

Pou County: ADA

Other Water Rights with Same Point(s) of Diversion with Stage (Includes All Sources):
63-07123

Other Water Rights Listing Overlapping Place(s) of use:
63-02535 63-03160 63-04023 63-04219 63-04980 63-04981 63-04982 63-05190 63-07123

Remarks: GEN PRIORITES ARE 7-20-1960 OF 3.2 CFS & 5-15-1968 OF 1.8 CFS.
BASED ON EXPIRED PERMIT 63-3179.

Dates: App. Received: Priority Date: 07/20/1960
Proof Due Date: Proof Made Date:
Exam Made Date: Exam Sent to S.O.:
Licensed Date:

Misc: Water District Number: Field Exam Fee:

Comments: Date: 01/13/1999 User-ID: VAULT Subject: Extension of Time Received
Extension of Time Received

Audit: 02/11/85 05/01/88 CONVERT 01/13/99 COMMENTS

* 122 acres not protected

1-99

RECEIVED

MAY 13 1999

Department of Water Resources

REGIONAL STAFF REVIEW FOR EXTENSION OF TIME TO AVOID FORFEITURE

Water Right 63-02535, -04023, -04086, -07123 Applicant Julius Jaeker

Initial review by: LG 1/27/99 (name & date)

ADVERTISING & PROCESSING INFORMATION

WP File Name ADV_FORFEIT. JEICER

Legal Notice electronically sent to State Office ✓

Comment Letters ✓ No ___ Yes, see attached

Extension published correctly ✓ Yes ___ No

Affidavit of publication received ✓ Yes ___ No

Protests received (deadline & fee?) ✓ No ___ Yes, acknowledgement sent

Copy for Regional File ___ Appl. ___ Staff Review page ___ Legal Notice

___ Other, list: _____ pam

REVIEWER'S COMMENTS

Recorded rights overlapping acres + wells. Acres verified for L63-07123 (see below) total system capacity has yet to be determined

SRBA factors Filed on recorded, but with 122 less acres in NW 535. Looks like rights should be split

Verification & other comments Field exam for Lic 63-07123 verified total irrigation for all 4 wells @ 510 acres and system capacity for NENE 536 well @ 9.49 CFS

Additional review memorandum attached? ___ Yes ✓ No

REGIONAL MANAGER'S RECOMMENDATIONS

___ Deny ✓ Approve as noted below:

See Lori Grave's breakdown of approvable POU for this extension in memo dated 4/13/99

by: Gary S 5/11 (name & date)

MEMO

DATE: 4/13/1999
FR: lg
TO: Files 63-02535, 63-04023, 63-04086, 63-07123
RE: Extensions of Time to Avoid Forfeiture

Due to illness and incompetent help, applicant stated that claimed and licensed acres have not been irrigated since 1994 and has requested protection from forfeiture on the above listed rights.

Two licenses and two statutory claims are used for irrigation, with overlapping p/u and p/d's. 508 total acres have been licensed for the ground water system; 35 listed on license 63-02535 and 473 acres listed on license 63-07123. The statutory claims represent the same system and overlap within the 508 acres. The capacity of the NENE sec 36 well was calculated at 9.49 cfs during the field exam for license 63-07123, however total system capacity has yet to be determined if additional wells are incorporated as listed on 63-04023.

The SRBA claims were basically filed as recorded except that the two statutory claims were split to reflect the portion of the farm owned separately by applicant's sister (Helen Weisshaupt). License 63-07123 also included the sister's acres but was not split in the SRBA, however the sister's acres were excluded from A63-07123. Applicant's sister owns the NW qtr of section 35 (property west of HWY 55).

Per telecon with Helen (sister) and telecon with Julius 4/13/1999, both stated that Helen's property was not and has not been irrigated with ground water. Her irrigation sources are Dry Creek and Spring Creek. The ground water is only applied to Julius' acres east of HWY 55.

All 508 acres appeared irrigated in 1987 per napp photo and also in 1994 per scanned airphoto.

Based on this information, I recommend that the acres in the NW qtr, sec 35, be forfeited and that A63-04023A and A63-04086A be disallowed due to ground water non-use (Helen's acres).

MICROFILMED
FEB 0 3 2000

Specifc acres to be protected include:

T5N	R1E	S25	SESW	4
			SWSE	22
			SESE	31
		S35	NENE	35
			NWNE	31
			SWNE	18
			SENE	13
		S36	NENE	38
			NWNE	40
			SWNE	20
			SENE	8
			NENW	39
			NWNW	39
			SWNW	17
			SENW	11
		S30	SWSW	20
				386 total

Specific acres not to be protected include:

T5N	R1E	S35	NENW	39
			NWNW	19
			SWNW	36
			SENW	28
				122 total

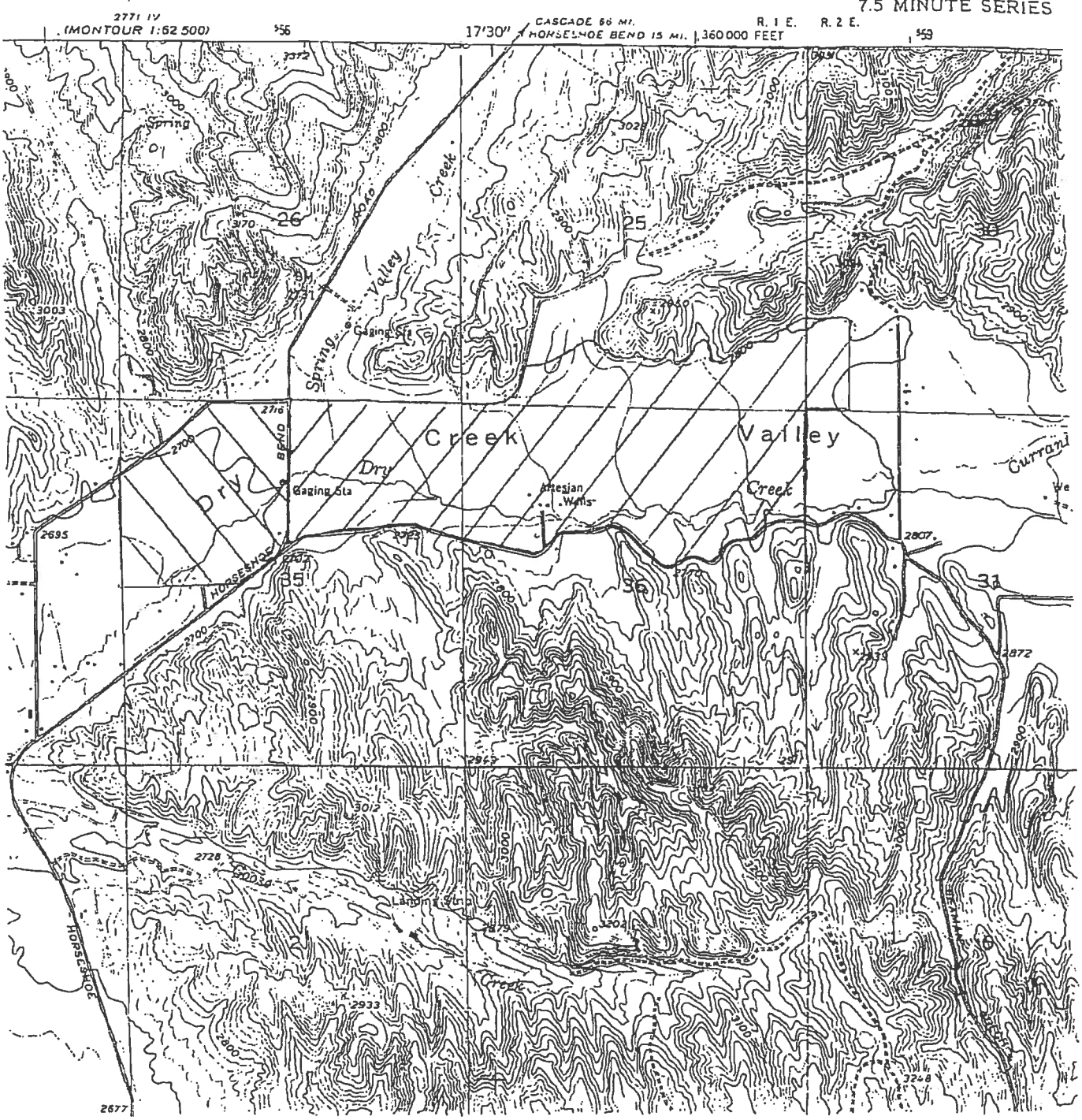
See attached topo map and CFSA photo for visual clarification.

cc: A63-02535, A63-04023A, A63-04086A, A63-07123

MICROFILMED

FEB 0 3 2000

T5N
R1E



area protected

area not protected
(no surface water only)

MICROFILMED
FEB 0 3 2000

The Idaho
Statesman

P.O. BOX 40, BOISE, IDAHO 83707-0040

LEGAL ADVERTISING INVOICE

Amount Due
$82.75

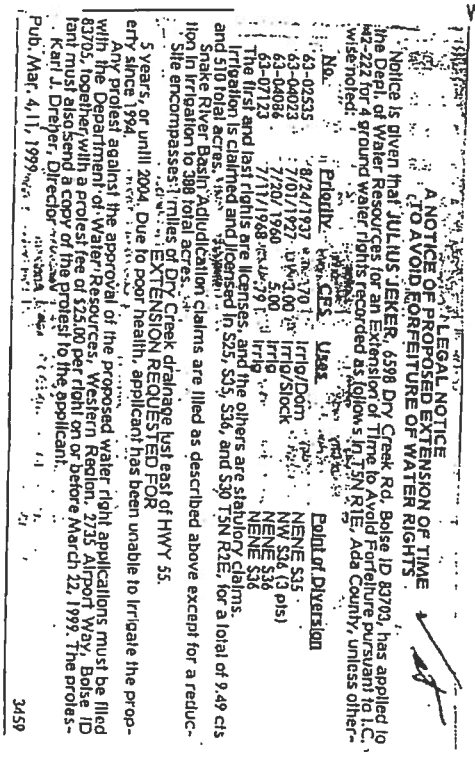
Account Number/Trans. #	Identification
047628	PROPOSED EXTENSION OF TIME TO AVOID FORFEITURE OF WATER RIGHTS

Ordered By	P.O. Number	Rate	Run Dates
SUE TAYLOR		NT	MARCH 4, 11, 1999

STATE OF IDAHO
DEPT. OF WATER RESOURCES WESTERN REG.
2735 AIRPORT WAY
BOISE, IDAHO 83705 - 5082

Estimated Inches	Real Inches
# Affidavits	**Legal Number**
1	3459

RECEIVED
MAR 2 2 1999
WATER RESOURCES
WESTERN REGION



LEGAL NOTICE
A NOTICE OF PROPOSED EXTENSION OF TIME
TO AVOID FORFEITURE OF WATER RIGHTS

Notice is given that JULIUS JENKER, 6598 Dry Creek Rd, Boise ID 83703, has applied to the Dept. of Water Resources for an Extension of Time to Avoid Forfeiture pursuant to I.C. 42-222 for a ground water rights recorded as follows in T5N R1E, Ada County, unless otherwise noted:

No.	Priority	Use	Point of Diversion
63-02535	8/24/1937	Irrig/Dom	NENE S35
63-04023	7/01/1927	Irrig/Stock	NW S36 (3 pts)
63-04086	7/20/1960	Irrig	NENE S36
63-07123	7/11/1968	Irrig	NENE S36

The first and last rights are licenses, and the others are statutory claims.
Irrigation is claimed and licensed in S25, S35, S36, and S30 T5N R2E, for a total of 9.49 cfs and 510 total acres.
Snake River Basin Adjudication claims are filed as described above except for a reduction in irrigation to 388 total acres.
Site encompasses 1 miles of Dry Creek drainage just east of HWY 55.
EXTENSION REQUESTED FOR
5 years, or until 2004. Due to poor health, applicant has been unable to irrigate the property since 1994.
Any protest against the approval of the proposed water right applications must be filed with the Department of Water Resources, Western Region, 2735 Airport Way, Boise ID 83705, together with a protest fee of $25.00 per right on or before March 22, 1999. The protestant must also send a copy of the protest to the applicant.
Karl J. Dreher, Director

Pub. Mar. 4,11, 1999

3459

JANICE HILDRETH, being duly sworn, deposes and says: That she is the Principal Clerk of The Idaho Statesman, a daily newspaper printed and published at Boise, Ada County, State of Idaho, and having a general circulation therein and which said newspaper has been continuously and uninterruptedly published in said County during a period of twelve consecutive months prior to the first publication of the notice, a copy of which is attached hereto; that said notice was published in The Idaho Statesman in conformity with Section 60-108, Idaho Code as amended, for TWO

- ☒ consecutive weekly ☐ single
- ☐ consecutive daily ☐ odd skip

insertion(s) beginning with the issue of MARCH 4, 1999
and ending with the issue of MARCH 11, 1999

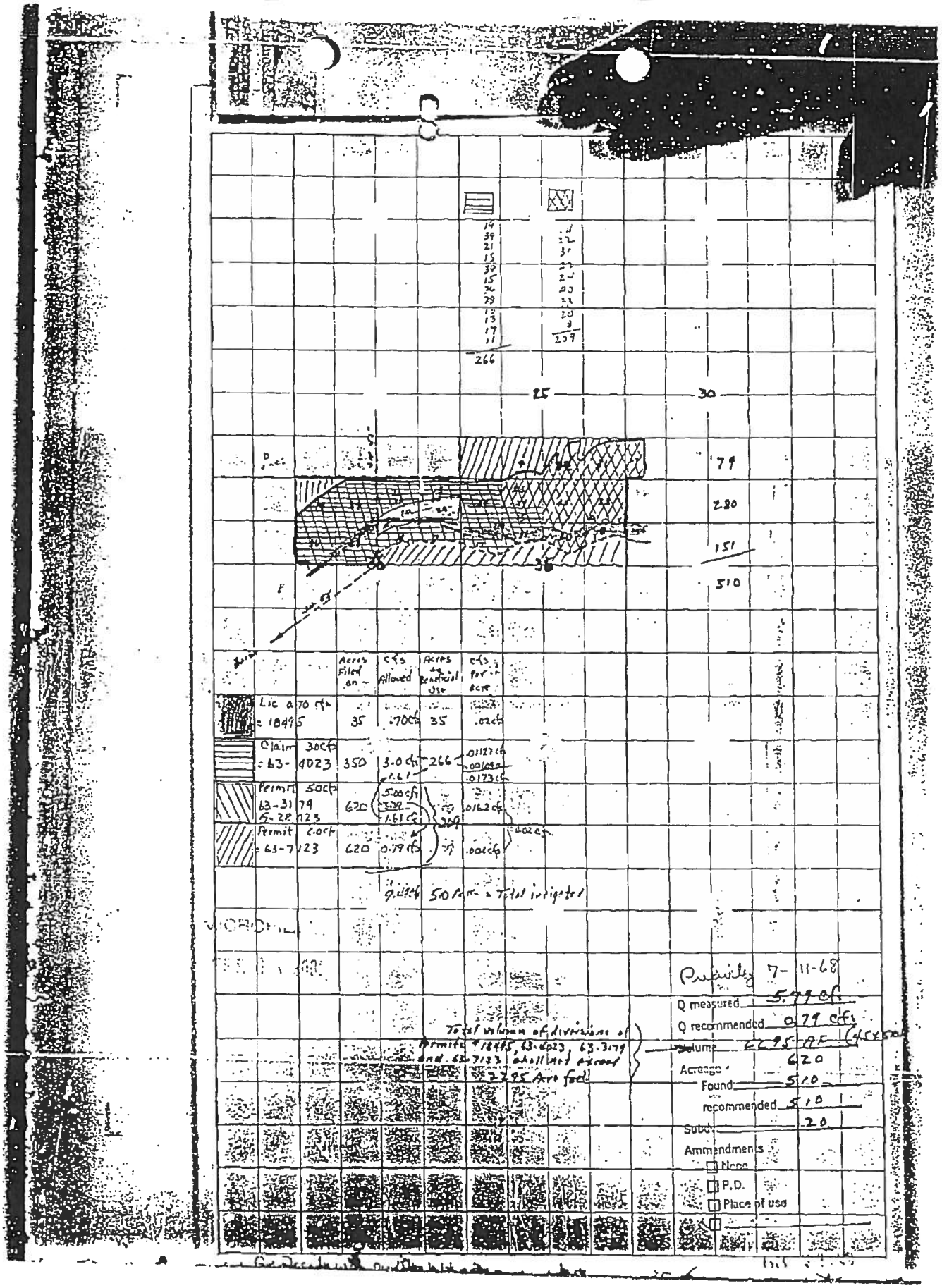
Janice Hildreth

STATE OF IDAHO)
) ss.
COUNTY OF ADA)

On this 11TH day of MARCH in the year of 1999, before me, a Notary Public, personally appeared JANICE HILDRETH known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that she executed the same.

ANGELA M. NEWLAND NOTARY PUBLIC STATE OF IDAHO

Angela M Newland
Notary Public for Idaho
Residing at: Boise, Idaho
My commission expires: 2/16/05


14
39
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266
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13
17
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3
209
25
30
79
280
151
510
36
F
Acres Filed on
cfs allowed
Acres Actual Use
cfs for Acre
Lic 70 cfs
= 18495
35
.70cfs
35
.02cfs
Claim 30cfs
= 63-4023
350
3.0 cfs
1.61
266
.01127cfs
.00109cfs
.01736cfs
Permit 50cfs
63-3179
S-28123
620
5.00cfs
3.98
1.61cfs
266
.0162cfs
Permit 2.0cfs
= 63-7123
620
0.79 cfs
.002cfs
9.41cfs
50 Acre - Total irrigated
Total volume of diversions of Permits 18495, 63-4023, 63-3179 and 63-7123 additional account
2295 Acre feet
Publicity 7-11-68
Q measured 5.99 cfs
Q recommended 0.79 cfs
Volume 2295 AF
Acreage 620
Found 510
recommended 510
Subd 20
Ammendments
None
P.D.
Place of use

Janice Hildreth, Idaho Statesman called Monday, February 22, 1999, at 8:15 a.m. She had been on vacation for a month and the people responsible for getting the legal ads in the paper didn't get 6 applications advertised on February 18 and 25. She will advertise them on March 4 and 11 with the protest date on March 22, 1999.

United Water, amendment

Julius Jeker, ext. of time.

City of Eagle, amendment

Lisa Gray, transfer

Don Watkins, app.

Don Watkins, app.

MICROFILMED
FEB 0 3 2000

A NOTICE OF PROPOSED EXTENSION OF TIME TO AVOID FORFEITURE OF WATER RIGHTS

Notice is given that **JULIUS JEKER**, 6598 Dry Creek Rd, Boise ID 83703, has applied to the Dept. of Water Resources for an Extension of Time to Avoid Forfeiture pursuant to I.C. § 42-222 for 4 ground water rights recorded as follows in T5N R1E, Ada County, unless otherwise noted:

No.	Priority	CFS	Uses	Point of Diversion
63-02535	8/24/1937	.70	Irrig/Dom	NENE S35
63-04023	7/01/1927	3.00	Irrig/Stock	NW S36 (3 pts)
63-04086	7/20/1960	5.00	Irrig	NENE S36
63-07123	7/11/1968	.79	Irrig	NENE S36

The first and last rights are licenses, and the others are statutory claims.

Irrigation is claimed and licensed in S25, S35, S36, and S30 T5N R2E, for a total of 9.49 cfs and 510 total acres.
Snake River Basin Adjudication claims are filed as described above except for a reduction in irrigation to 388 total acres.
Site encompasses 1½ miles of Dry Creek drainage just east of HWY 55.

EXTENSION REQUESTED FOR
5 years, or until 2004. Due to poor health, applicant has been unable to irrigate the property since 1994.

Any protest against the approval of the proposed water right applications must be filed with the Department of Water Resources, Western Region, 2735 Airport Way, Boise ID 83705, together with a protest fee of $25.00 per right on or before March ~~8, 22~~ 1999. The protestant must also send a copy of the protest to the applicant.

Karl J. Dreher, Director

Published in the Idaho Statesman on ~~February 18 and 25~~ March 4 & 11, 1999.
Statesman error

MICROFILM
FEB 03 2000

April 22, 1971

Re: Claim to a Water Right No. 63-4086

Mr. Julius Jeker
Route 1
Boise, Idaho

Dear Mr. Jeker:

The Department of Water Administration has completed the processing of your claim to a water right, and no further action is authorized under Sections 42-225a and 42-225b, Idaho Code. Your claim will be retained in our files and will be available at any time for use by you or the court.

As you are aware, the filing of your claim does not, in itself, guarantee you a water right; it only records and preserves the information and the evidence which you included in your claim.

If, at a later date, you find that you have additional information or supporting evidence that you would like to have included in your claim file, you may have that information or evidence added at any time. Please refer to your claim number when corresponding with this office.

We are enclosing, for your records, a copy of your claim. If you have any questions, or if we can be of further assistance, please feel free to call upon us.

Very truly yours,

Donald W. McEldowney
Appropriation Supervisor

DWM:dr
Enclosure: Copy of claim

cc: Anderson & Kelly
6700 Emerald Street
Boise, Idaho 83704

63 4086

March 24, 1971

Re: Application No. 63-7408 - William D. Evans
" " 63-7409 - Robert L. Christensen
" " 63-7411 - Ralph G. McLain
Claim No. 63-4086 - Julius Jaker

Idaho Statesman
Box 2640
Boise, Idaho 83701

Gentlemen:

Enclosed you will find a legal notice which we wish to have published once a week for two consecutive weekly issues of your newspaper. We have inserted the publication dates allowing ample time for you to submit us a galley proof for our review before publication.

After sending us a galley proof, proceed with the publication on the dates we have inserted assuming the notice is correct. If we have any corrections, we will notify you before the first publication date. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. In order to receive payment, the following certification must appear on the bill:

"I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of the same has been paid."

.....
(signature of claimant)

Very truly yours,

63 4086

Donald W. McEldowney
Appropriation Supervisor

Bill submitted 4-15-71 by

DWM:DR
Enc: Legal notices (4)

NOTICE OF CLAIM TO A WATER RIGHT

No. 63-4086

Notice is hereby given that Julius Jeker, Route 1, Boise, Idaho,

has filed a claim to a water right established by diversion and application to beneficial use of 5.0 cubic feet per second of water from a ground water source with point of diversion in the NE¼NE¼ Sec. 36, T. 5N, R. 1E, B.M., Ada County.

The water is claimed to be used from April 1 to Oct. 31 for irrigation purposes with a priority of July 20, 1960 (3.2 cfs) and May 15, 1968 (1.8 cfs); the place of use is within the SE¼SW¼, S½SE¼, Sec. 25; N½, Sec. 35; N½, Sec. 36; T. 5N, R. 1E, B.M. and SW¼SW¼, Sec. 30, T. 5N, R. 2E, B.M.

Any exception to this claim of water right may be filed with the Idaho Department of Water Administration., Statehouse, Boise, Idaho.

R. KEITH HIGGINSON

Director

Published in the Idaho Statesman, Boise, Idaho,

on April 1 and April 8, 1971.

63 4086

March 19, 1971

Anderson and Kelly
Consulting Engineers
6700 Emerald Street
Boise, Idaho 83704

Gentlemen:

Returned herewith is your receipt No. 5773 in the amount of $10.00

for claim application in the name of Julius Jeker,

which was received in this office under the above date.

Very truly yours,

M. RUSSELL BOSCH
Administrative Assistant

MRB:ejw

Enclosure

63 4086

CABLE ADDRESS: ANDKEL

TELEPHONE: 375-9220
AREA CODE 208

ANDERSON & KELLY
CONSULTANTS IN ENGINEERING AND GEOLOGY
6700 EMERALD STREET
BOISE, IDAHO 83704

March 17, 1971

Department of Water Administration
Statehouse Annex 2
Boise, Idaho

Gentlemen:

Enclosed are various documents, a claim form and application fee regarding Julius Jeker's water rights. We believe this should now "clear up" his file. We appreciate your cooperation and patience concerning this matter. If you have any questions, please do not hesitate to contact us.

Sincerely,

ANDERSON & KELLY

Jack E. Kelly

JEK/cr
Enc.
cc: Mr. Julius Jeker

63 4086

Attachment G:

Water Right 63-7123

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Adjudication Recommended Right Report

05/06/2005

WATER RIGHT NO. 63-7123

Owner Type	Name and Address
Current Owner	JULIUS JEKER 6598 DRY CREEK RD BOISE, ID 83703 (208)939-6235

Priority Date: 07/11/1968
Basis:
Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	4/01	10/31	0.79 CFS	2128.5 AFA
Total Diversion			0.79 CFS	

Location of Point(s) of Diversion:

GROUND WATER | NENE | Sec. 36 | Township 05N | Range 01E | ADA County

Place(s) of use:

Place of Use Legal Description: IRRIGATION ADA County

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Water Right Report

05/10/2005

WATER RIGHT NO. 63-7123

Owner Type	Name and Address
Current Owner	JULIUS JEKER RT 1 BOISE, ID

Priority Date: 07/11/1968
Basis: License
Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	4/01	10/31	0.79 CFS	2128.5 AFA
Total Diversion			0.79 CFS	

Location of Point(s) of Diversion:

GROUND WATER	NENE	Sec. 36	Township 05N	Range 01E	ADA County

Place(s) of use:

Place of Use Legal Description: IRRIGATION ADA County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	A
05N	01E	25		SESW	4									
				SWSE	22		SESE	31						
		35		NENE	15		NWNE	21		SWNE	13		SENE	1
				NENW	39		NWNW	19		SWNW	36		SENW	2
		36		NENE	38		NWNE	40		SWNE	20		SENE	8
				NENW	39		NWNW	39		SWNW	17		SENW	1
	02E	30		SWSW	20									

Total Acres: 473

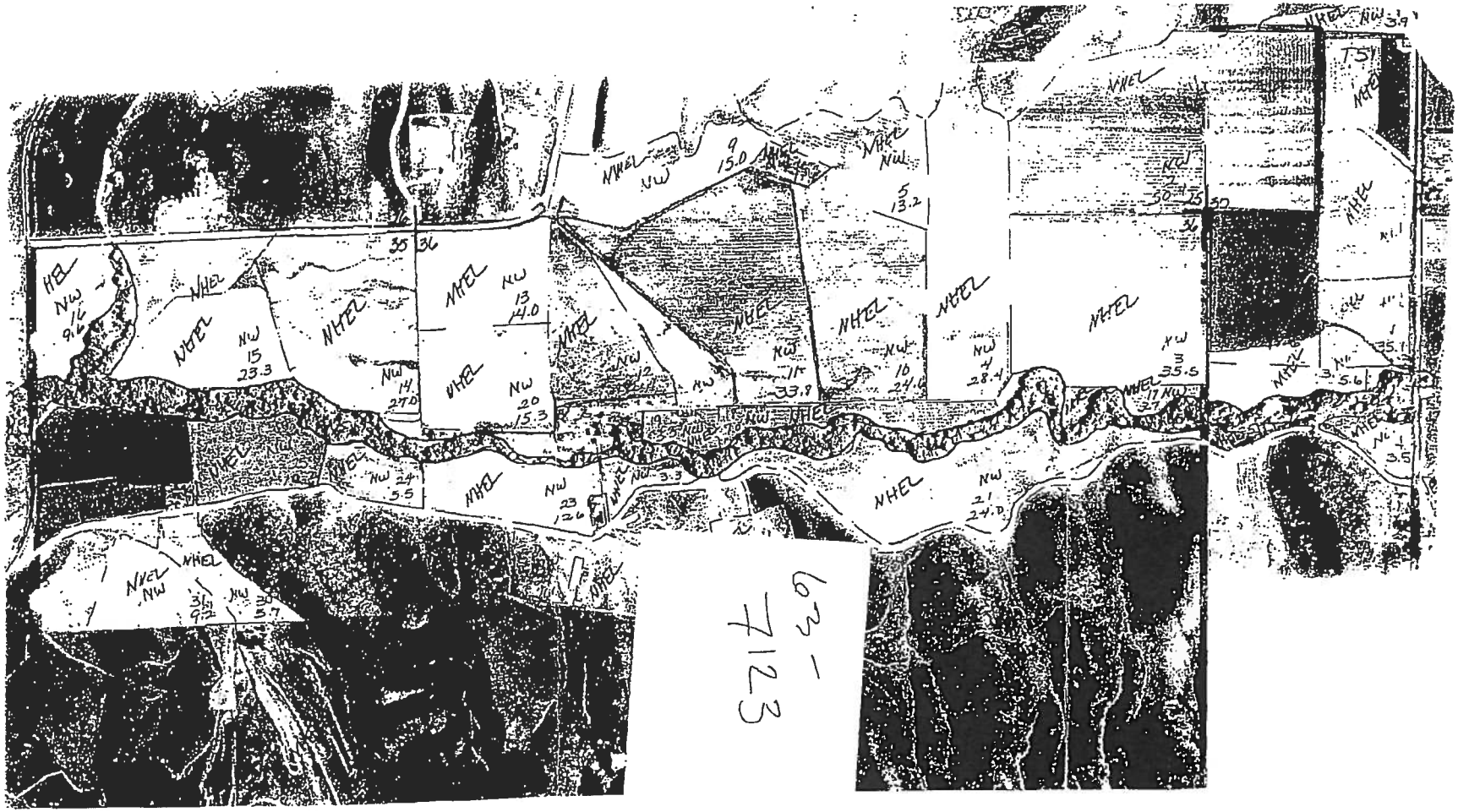
Conditions of Approval:

1.	001	A measuring device of a type approved by the Department shall be permanently installed and maintained as part of the diverting works.
2.		NOT TO EXCEED 2295. AFA/YR.
3.	016	See remarks for additional conditions of approval.

Dates:
Licensed Date: 09/12/1979
Decreed Date:
Permit Proof Due Date:
Permit Proof Made Date:
Permit Approved Date:
Permit Moratorium Expiration Date:
Enlargement Use Priority Date:
Enlargement Statute Priority Date:
Water Supply Bank Enrollment Date Accepted:
Water Supply Bank Enrollment Date Removed:
Application Received Date:
Protest Deadline Date:
Number of Protests: 0

Other Information:
State or Federal:
Owner Name Connector:
Water District Number:
Generic Max Rate per Acre:
Generic Max Volume per Acre:
Civil Case Number:
Old Case Number:
Decree Plantiff:
Decree Defendant:
Swan Falls Trust or Nontrust:

Swan Falls Dismissed:
DLE Act Number:
Cary Act Number:
Mitigation Plan: False
Close


T51
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12.6
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21
24.0
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31
9.2
7.0
50
15

6-4-713

Form 2-222
7/94

Water Right No. 63-7123

RECEIVED
JAN 13 1999
Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR EXTENSION OF TIME TO AVOID FORFEITURE OF A WATER RIGHT

Section 42-222, Idaho Code, provides that a water right shall be lost and forfeited and the water right revert to the state upon the failure of a water user to apply the water to beneficial use for a period of five (5) years. The Director may allow an additional five (5) year period of non-use without forfeiture upon a showing of reasonable cause.

1. Name of water right holder Julius Jeker
2. Mailing address 6598 Dry Creek Road, Boise, ID 83703
3. The right was obtained or is evidenced by:
   a. Decree to _____ in Case of _____
   vs. _____, Dated _____ in _____ (Name of Court)
   Court, County of _____. Fully describe decree _____
   b. License No. 63-7123 c. Claim No. _____
   d. SRBA No. _____
4. Source of water Underground (Name of stream or source) tributary to _____
5. Date of priority of right July 11, 1968
6. Description of Right:
   amount 0.79 cfs (cfs/ac-ft) for Irrigation purposes from April 1 to October 31
   amount _____ (cfs/ac-ft) for _____ purposes from _____ to _____
7. Point of Diversion NE ¼ NE ¼ of Sec. 36 Twp. 5N Rge. 1E County Ada

8. Lands irrigated or Place(s) of Use:

TWP	RGE	SEC	NE				NW				SW				SE				Totals
5N	1E	25												4			22	31	57
"	"	35	15	21	13	13	39	19	36	28									184
"	"	36	38	40	20	8	39	39	17	11									212
5N	2E	30											20						20

MICROFILMED
FEB 0 5 1999

Total Acres 473

9. Give the last date when water was put to beneficial use 1994 irrigation

Length of extension of time requested five years, or until _____ (Date)

10. Explain fully your reasons for requesting an extension of time within which to resume the use of your water right and reasons for non-use Because of poor health I have been unable to irrigate under this water right since 1994. I have also been unable, thus far, to hire suitable and competent help for the irrigation.

The information contained in this application is true to the best of my knowledge.

X _____
(Signature of Applicant)

Subscribed and sworn to before me this 19th day of January, 19 99.

TINA L. PAYNE NOTARY PUBLIC STATE OF IDAHO

_____ (Notary Public)

My commission expires 10/13/06 Residing at Meridian, Idaho

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined this application for extension of time within which to resume the use of a water right and I hereby APPROVED said application subject to the following conditions or reasons:

This extension of time does not apply to water use within the NW 1/4 Section 35, T5N, R1E, B.M. The right holder shall resume use of water on or before November 1, 2004. Approval of this extension does not preclude the review of the extent and validity of the right in the Sanke River Basin Adjudication.

Signed this 27th day of January, ~~19~~ 2000.

_____
L. GLEN SAXTON, Bureau Chief, Water Allocations Bureau

FOR DEPARTMENT USE ONLY

Date Received 1-13-99 $100 FEE Receipted by HW Date 1-13-99 Receipt # C044348

Preliminary ✓ by _____ Publication prepared by _____ Pub. approved by _____ Date _____

Published in Ld Statesman Dates Published 3-4+11-99

Protests filed by _____

Copies of protests forwarded by _____ Hearing held by _____ Date FEB 03 2000

Recommended for - APPROVAL / DENIAL By Gary Spackman

MICROFILMED

State of Idaho

Department of Water Administration

LICENSE OF WATER RIGHT

License of Water Right No. 63-7123 Priority 7-11-68 Amount 0.79 c.f.s.

THIS IS TO CERTIFY, that JULIUS JEKEL

of Boise, Idaho, has complied with the terms and conditions of Permit No. 63-7123 issued pursuant to Application for Permit dated 7-11-68, and has submitted proof to the Department of Water Administration on 6-3-70, that he has applied water to a beneficial use; an examination by the Department indicates that the works have a capacity of 5.79 c.f.s., and that the water has in fact been applied to a beneficial use; a right to the use of water from a ground-water source tributary of ____, is hereby confirmed in the following amounts:

Amount 0.79 c.f.s. for Irrigation from April 1 to Oct. 31 (both dates inclusive)

Amount ____ for ____ from ____ to ____ (both dates inclusive)

Amount ____ for ____ from ____ to ____ (both dates inclusive)

Subject, however, to the condition that no more than 0.79 c.f.s. of water be diverted at any one time, said waters to be diverted within the NE¼NE¼ Sec. 36, Twp. 5 N., Rge. 1 E., B.M. in the county of Ada; and that the amount of water so diverted and to which such right is entitled and confirmed is for the purposes aforesaid and is limited to the amount which can actually be beneficially used and shall not exceed 2,128.5* acre feet per year or 4.5 acre feet per acre.

Description and location of place of use:

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
5 N	1 E	25											4				22	31	57
		35	15	21	13	13	39	19	36	28									184
		36	38	40	20	8	39	39	17	11									212
5 N	2 E	30											20						20

Total number of acres irrigated 473

*The maximum quantity of water diverted shall not exceed 2.295 acre feet per season when the right developed by this license is combined with that of License No. 63-2535, Claim No. 63-4023, and Permit No. 63-7123 or it's subsequent license.

This right is subject to the maintenance of the permanently installed measuring device as required under this permit.

The right to the use of the water hereby confirmed is restricted and appurtenant to the lands or place of use herein described, as provided by the laws of Idaho.

Witness the seal and signature of the Director, affixed at Boise, Idaho, this 30th day of November, 1970.

Director

63 7123

Identification No. 63-7123
Application No. 43651

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

APPROVED

APPLICATION FOR PERMIT

To Appropriate the Public Waters of the State of Idaho

1. Name of applicant Julius Jeker
   post office address Route 1, Boise, Idaho
2. Source of water supply underground water which is a tributary of _____
3. a. Location of point of diversion is NE ¼ of NE ¼ of Section 36 Township 5N Range 1E B.M. Ada County; additional points of diversion if any: None

   b. If water is not consumed, it will be discharged into _____ at a point in _____ ¼ of _____ ¼ of Section _____ Township _____ Range _____ B.M.
4. Quantity to be appropriated:
   a. 2.0 cubic feet per second and/or
   b. _____ acre feet per annum will be stored.
5. Water will be used for the following purposes:
   Irrigation purpose from April 1 to October 31 (both dates inclusive)
   _____ purpose from _____ to _____ (both dates inclusive)
   _____ purpose from _____ to _____ (both dates inclusive)
6. Proposed diverting works:
   a. Description of ditches, flumes, pumps, headgates, etc. Well, pump and motor, pipelines and sprinkler systen and ditches.

   b. Height of storage dam _____ feet; active reservoir capacity _____ acre feet; total reservoir capacity _____ acre feet; materials used in storage dam: _____

   c. Proposed well diameter is 16 inches; proposed depth of well is 220 feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use is 3 years.
   b. Estimated construction cost is $ 15,000.
8. Description of proposed uses:
   a. If water is not for irrigation:
      (1) Give the place of use of water: _____ ¼ of _____ ¼ of Section _____ Township _____ Range _____ B.M.
      (2) Amount of power to be generated: _____ hp under _____ feet of head.
      (3) List number of each kind of livestock to be watered _____
      (4) Name of municipality to be served _____, or number of families to be supplied with domestic water _____.
      (5) If water is to be used for other purposes describe: _____

63-7123

b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below:

TWP.	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
5N	2E	30											20						20
5N	1E	25											10	30			30	35	105
"	"	35	40	40	15	20	40	20	40	40									255
"	"	36	40	40	20	10	40	40	30	20									240

Total number of acres to be irrigated 620

c. Describe any other water rights used for the same purposes License 18495 (0.7 cfs)
Permit G-28423 (5.0 cfs) and Use Right from four flowing wells (3.0 cfs).

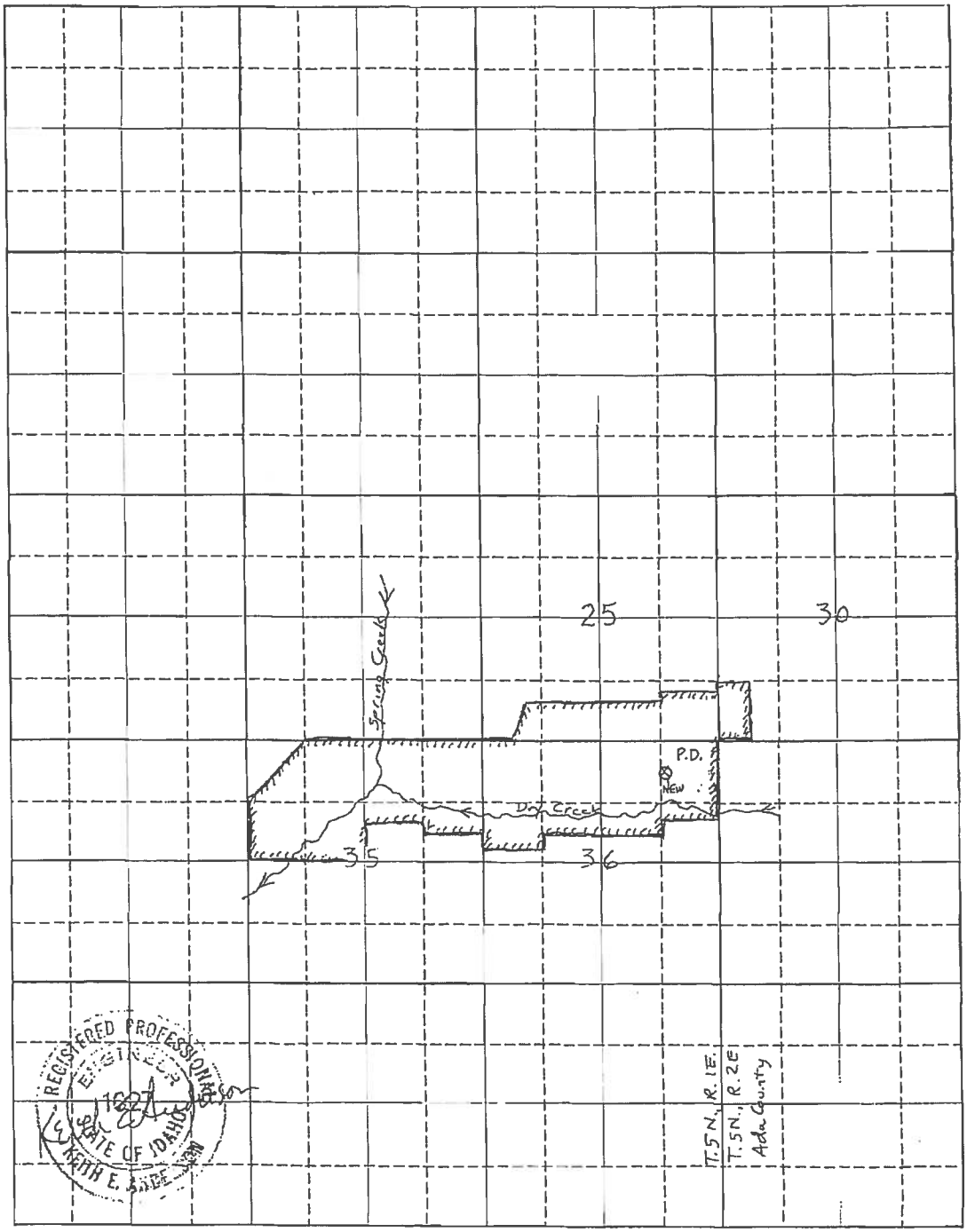
9. a. Who owns the property at the point of diversion Applicant

b. Who owns the land to be irrigated or place of use Applicant

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing

10. Remarks This application is for water from the well covered by Permit G-28423 (as amended) that can be developed from the well in excess of the amount (5.0 cfs) covered by that Permit.

11. Map of proposed project:



Scale: 2 inches equal 1 mile

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Julius Jeker

(Applicant) Julius Jeker

6-3-7123

Received by ej Date 7-11-68 Time 8:00 am
Preliminary check by [illegible] Fee $ 25.00 7-11-68
Receipted by ej Date 7-11-68
Publication prepared by [illegible] Date 7-18-68
Published in Ida Daily Star
Publication dates 7-25-8-1-68
Publication approved [illegible] Date [illegible]
Priority reduced to _____ Reason _____

Protests filed by None

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for (approval) denial by [illegible]

APPROVED

ACTION OF STATE RECLAMATION ENGINEER

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 63-7123, and said application is hereby APPROVED.

1. Approval of said application is subject to the following limitations and conditions:

   a. SUBJECT TO ALL PRIOR WATER RIGHTS.

   b. Proof of construction of works and application of water to beneficial use shall be submitted on or before September 1, 1971.

   c. Other: The applicant shall permanently install a measuring device of a type approved by the department as part of the diverting works. This permit is supplemental to all prior rights.

2. Denial of said application is for the following reasons: _____

Witness my hand this 20th day of August 1968.

R. Keith Higginson
State Reclamation Engineer

Identification No. _____

Permit No. 63-7123

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

PROOF OF APPLICATION OF WATER TO BENEFICIAL USE

Department of Reclamation

1. a) Name of Permit Holder Julius Jeker

   b) Post Office Address Route 1, Boise, Idaho

2. Permit Number 63-7123

3. Date of Priority that you are prepared to establish 7-11-68

4. a) Source from which water was appropriated Underground water

   b) Location of the point of diversion: NE ¼ NE ¼, Section 36 Township 5 North, Range 1 East ✓ Boise Meridian, Other points of diversion: _____

5. a) The amount of water and use to which the water has been applied:

   amount 2 cfs (cfs and/or acre feet per annum) for _____ purposes from April 1 (Month-Day) to Oct. 31 (Month-Day) incl.

   amount _____ (cfs and/or acre feet per annum) for _____ purposes from _____ (Month-Day) to _____ (Month-Day) incl.

   amount _____ (cfs and/or acre feet per annum) for _____ purposes from _____ (Month-Day) to _____ (Month-Day) incl.

   b) Total amount appropriated 2 ✓ cfs ~~and/or acre feet per annum~~

   c) Describe how and by whom measurement of rate of flow or amount of storage was made and the qualifications of the person making the measurement: The well was tested at 2950 gpm before it was equipped by Keith E. Anderson, Consulting Engineer on May 3, 1968.

6. If the means of diversion and conveyance are owned by someone other than the Permit Holder:

   a) Give the name or description of the canal, ditch or other works by which the water is conducted to the place of use: NA

   b) Describe the agreement or understanding by which you take water from the works: NA

7. a) Briefly describe the works for diverting and conveying the water to the place of use, (If from a subterranean source, give the pump size, motor size, size of well casing, depth of well; if from surface water, give brief description of diversion structure and/or canal or ditch) A well 16", 14" and 12" casing and 12" well screen to a depth of 218. Turbine pump. Water is in part taken by ditch to land in part by Dry Creek channel and in part by pipe and applied by sprinkler.

   b) Describe the type and size of measuring device which you have installed at your point of diversion: Metraflex Model #33 (Impact Tube Type Meter)

   c) Give well drillers name and address and date the well was completed Ken Witt of Caldwell was the driller in the spring of 1968.

exam typed
7-17-70
dq

63-7123

8. If for other than irrigation, describe the beneficial use to which you have applied the water and the place of use NA

9. Irrigation uses: Describe the lands irrigated by giving the acreages irrigated within each 40 acre subdivision:

TWP.	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
5N	2E	30											20						20
5N	1E	25											10	30			30	35	105
5N	1E	35	40	40	15	20	40	20	40	40									255
5N	1E	36	40	40	20	10	40	40	30	20									240

Total number of acres irrigated 620

10. Remarks: The water from this permit is used on the above lands with water right 18495 and 28423. Right 28423 takes up to 5 cfs from this same well. The well will produce more than the 5 cfs but perhaps less than the total of 7 cfs.

The above information is a true statement of the extent to which the above numbered permit has been developed.

5-29-70
(Date)

Julian Jeker
(Signature)

State of Idaho)
County of Ada) ss.

On this 29th day of May, 1970, personally appeared before me the signer(s) of the above instrument, who duly acknowledged to me that he (she) (they) executed the same.

Josh Arnold Daughtry
Notary Public residing at Boise, Idaho

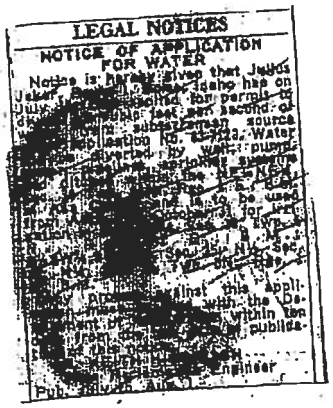
My commission expires Jan. 21, 1974

RECEIVED
AUG 2 1968
Department of Reclamation

STATE OF IDAHO, }
COUNTY OF ADA } ss.

Georgene Davis, being duly sworn, deposes and says: That she is the Principal Clerk of The Idaho Daily Statesman, a daily newspaper printed and published at Boise, Ada County, State of Idaho, and having a general circulation therein and which said newspaper has been continuously and uninterruptedly published in said County during a period of twelve consecutive months prior to the first publication of the notice, a copy of which is attached hereto; that said notice was published in the regular edition of The Idaho Daily Statesman for

Two weekly consecutive insertions, beginning with the issue of July 25, 1968, and ending with the issue of August 1, 1968.



LEGAL NOTICES

NOTICE OF APPLICATION FOR WATER

Notice is hereby given that [illegible] Idaho has on [illegible] filed for permit to [illegible] second-feet [illegible] subterranean source [illegible] application to [illegible] Water [illegible] pumped [illegible] by well [illegible] pumping [illegible] the NE [illegible] to be used for [illegible] Sec. [illegible] that this appli- [illegible] with the De- within ten [illegible] publica- [illegible] Engineer

Georgene Davis

Subscribed and sworn to before me this 1st day of August, 1968.

Dona A Young

Notary Public for Idaho, Residing at Boise, Idaho

63-7123

300 NORTH 6TH

IN ACCOUNT WITH

DIAL 343-5411

THE STATESMAN NEWSPAPERS

BOISE, IDAHO

FOR LEGAL ADVERTISING

Idaho Dept. Reclamation
107 State House
Boise, Idaho 83701

DATE	DESCRIPTION	INCHES	TOTAL INCHES	CHARGES	/	CREDITS	BALANCE
	BALANCE STATEMENT RENDERED						
AUG 1 68	WATER APPL. 63 7123 Julius Joker	26L 2X		6.50			6.50

I hereby certify that the above account is correct and that services were actually rendered as charged and that we have not received payment therefor.

Signed STATESMAN PRINTING CO.

By _____

TERMS: NET BY 10TH OF MONTH FOLLOWING

63-7123

LAST AMOUNT IN THIS COLUMN IS BALANCE DUE

300 NORTH 6TH

IN ACCOUNT WITH

THE STATESMAN NEWSPAPERS

BOISE, IDAHO

FOR LEGAL ADVERTISING

DIAL 343-5411

Idaho Dept. Reclamation
107 State House
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Signed STATESMAN PRINTING CO.

By _____

TERMS: NET BY 10TH OF MONTH FOLLOWING

LAST AMOUNT IN THIS COLUMN IS BALANCE DUE

State of Idaho
DEPARTMENT OF WATER RESOURCES
1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098
Phone: (208) 327-7900 FAX: (208) 327-7866

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

January 27, 2000

JULIUS JEKER
6598 DRY CREEK ROAD
BOISE ID 83703

RE: WATER RIGHT NOS. 63-02535, 63-04023, 63-04086 AND 63-07123

Dear Water Right Holder:

Enclosed are copies of approved Applications for Extension of Time to Avoid Forfeiture of a Water Right for the above referenced water rights. Please note that resumption of beneficial use of water shall occur on or before **November 1, 2004.**

Please notify the Department as soon as you resume use of the water. If you have not notified the Department sixty (60) days prior to the resumption date, the Department will send a Resumption of Use Notice to you by certified mail.

Be advised that Section 42-248, Idaho Code, requires you or the owner of these water rights to maintain current ownership and address records on file with the Department. Please contact any office of the Department for the proper form to file a change of ownership of the water rights and/or a change in the address of the owner or if you have any questions concerning this matter.

Sincerely,

L. GLEN SAXTON, Chief
Water Allocation Bureau

Enclosure

c: IDWR - Region

MICROFILMED
FEB 03 2000

WR0749NP
No. 63-07123

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT

DATE: 01/27/99
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM	USE PERIOD TO	DIVERSION RATE	DIVERSION VOLUME
C	JULIUS JEKER RT. 1 BOISE ID	07/11/1968	IRRIGATION	04/01	10/31	0.790 CFS	2128.50 AFA
				TOTAL DIVERSION:		0.790 CFS	2128.50 AFA

Water Source: GROUNDWATER Tributary to: Stage: LICENSE

Point(s) of Diversion: T05N R01E S36 NENE ADA County

Place of use Legal Description for: IRRIGATION

	NE				NW				SW				SE				
	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	
T R S	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	SUM
05N 01E 25												04			22	31	57.0
05N 01E 35	15	21	13	13	* 39	19	36	28									184.0
05N 01E 36	38	40	20	08	39	39	17	11									212.0
05N 02E 30											20						20.0
															TOTAL ACRES		473.0

Pou County: ADA

Other Water Rights with Same Point(s) of Diversion with Stage (Includes All Sources):
63-04086

Other Water Rights Listing Overlapping Place(s) of use:
63-02535 63-03160 63-04023 63-04086 63-04219 63-04980 63-04981 63-04982 63-05190

Conditions of Approval:
001 - A measuring device of a type approved by the Department shall
- be permanently installed and maintained as part of the diverting
- works.
016 - See remarks for additional conditions of approval.

Remarks: GEN NOT TO EXCEED 2295. AFA/YR.

Dates: App. Received: Priority Date: 07/11/1968
Proof Due Date: Proof Made Date:
Exam Made Date: Exam Sent to S.O.:
Licensed Date: 09/12/1979

Misc: Water District Number: Field Exam Fee:

Comments: Date: 01/13/1999 User-ID: VAULT Subject: Extension of Time Received
Extension of Time Received

Audit: 03/26/85 05/01/88 CONVERT 02/08/98 CLEARFLD 01/13/99 COMMENTS

* 122 acres not protected

1-99

RECEIVED
MAY 13 1999
Department of Water Resources

REGIONAL STAFF REVIEW FOR EXTENSION OF TIME TO AVOID FORFEITURE

Water Right 63-02535, -04023, -04086, -07123 Applicant Julius Jeker

Initial review by: LG 1/27/99 (name & date)

ADVERTISING & PROCESSING INFORMATION

WP File Name ADV_FORFEIT. JEKER

Legal Notice electronically sent to State Office ✓

Comment Letters ✓ No ___ Yes, see attached

Extension published correctly ✓ Yes ___ No

Affidavit of publication received ✓ Yes ___ No

Protests received (deadline & fee?) ✓ No ___ Yes, acknowledgement sent

Copy for Regional File ___ Appl. ___ Staff Review page ___ Legal Notice

___ Other, list: _____ pam

REVIEWER'S COMMENTS

Recorded rights overlapping acres + wells. Acres verified for L63-07123 (see below) total system capacity has yet to be determined

SRBA factors Filed as recorded, but with 122 less acres in NW 535. Looks like rights should be split

Verification & other comments Field exam for Lic 63-07123 verified total irrigation for all 4 wells @ 510 acres and system capacity for NENE 536 well @ 9.49 CFS

Additional review memorandum attached? ___ Yes ✓ No

REGIONAL MANAGER'S RECOMMENDATIONS

___ Deny ✓ Approve as noted below:

See Lori Grave's breakdown of approvable POU, for this extension in memo dated 4/13/99

by: Gary S 5/11 (name & date)

MEMO

DATE: 4/13/1999
FR: lg
TO: Files 63-02535, 63-04023, 63-04086, 63-07123
RE: Extensions of Time to Avoid Forfeiture

Due to illness and incompetent help, applicant stated that claimed and licensed acres have not been irrigated since 1994 and has requested protection from forfeiture on the above listed rights.

Two licenses and two statutory claims are used for irrigation, with overlapping p/u and p/d's. 508 total acres have been licensed for the ground water system; 35 listed on license 63-02535 and 473 acres listed on license 63-07123. The statutory claims represent the same system and overlap within the 508 acres. The capacity of the NENE sec 36 well was calculated at 9.49 cfs during the field exam for license 63-07123, however total system capacity has yet to be determined if additional wells are incorporated as listed on 63-04023.

The SRBA claims were basically filed as recorded except that the two statutory claims were split to reflect the portion of the farm owned separately by applicant's sister (Helen Weisshaupt). License 63-07123 also included the sister's acres but was not split in the SRBA, however the sister's acres were excluded from A63-07123. Applicant's sister owns the NW qtr of section 35 (property west of HWY 55).

Per telecon with Helen (sister) and telecon with Julius 4/13/1999, both stated that Helen's property was not and has not been irrigated with ground water. Her irrigation sources are Dry Creek and Spring Creek. The ground water is only applied to Julius' acres east of HWY 55.

All 508 acres appeared irrigated in 1987 per napp photo and also in 1994 per scanned airphoto.

Based on this information, I recommend that the acres in the NW qtr, sec 35, be forfeited and that A63-04023A and A63-04086A be disallowed due to ground water non-use (Helen's acres).

MICROFILMED
FEB 2 2006

Specifc acres to be protected include:

T5N	R1E	S25	SESW	4
			SWSE	22
			SESE	31
		S35	NENE	35
			NWNE	31
			SWNE	18
			SENE	13
		S36	NENE	38
			NWNE	40
			SWNE	20
			SENE	8
			NENW	39
			NWNW	39
			SWNW	17
			SENW	11
		S30	SWSW	20
				386 total

Specific acres **not to be protected** include:

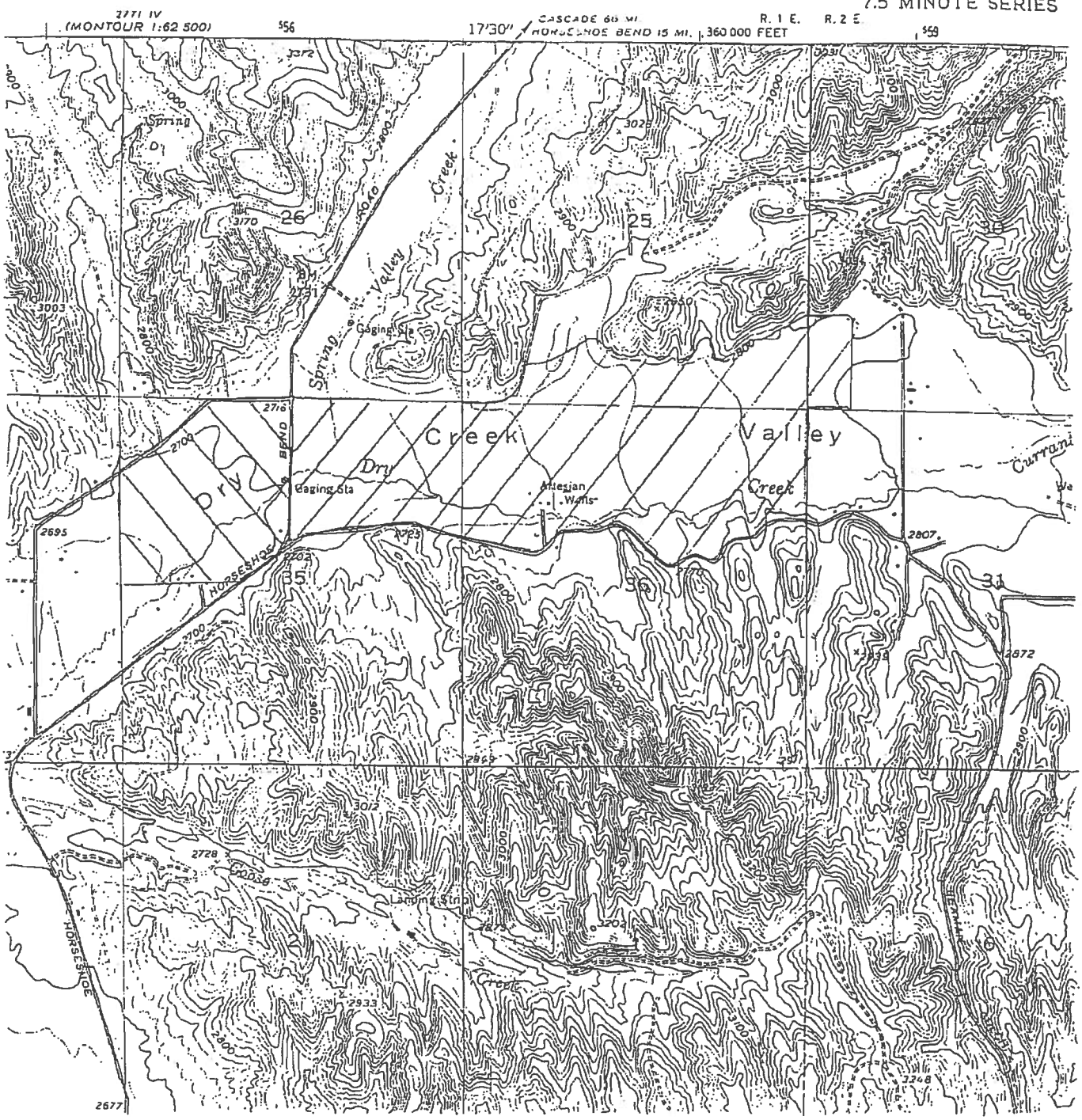
T5N	R1E	S35	NENW	39
			NWNW	19
			SWNW	36
			SENW	28
				122 total.

See attached topo map and CFSA photo for visual clarification.

cc: A63-02535, A63-04023A, A63-04086A, A63-07123

MICROFIL
FEB 0 3 2000

T5N
R1E



acres protected

acres not protected
(use surface waters only)

MICROFILMED
FEB 0 3 2000

The Idaho
Statesman

P.O. BOX 40, BOISE, IDAHO 83707-0040

LEGAL ADVERTISING INVOICE

Amount Due
$82.75

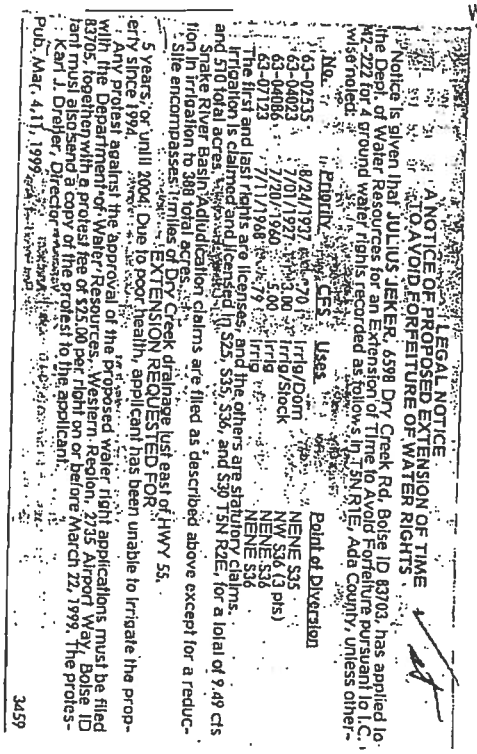
Account Number/Trans. #	Identification
047628	PROPOSED EXTENSION OF TIME TO AVOID FORFEITURE OF WATER RIGHTS

Ordered By	P.O. Number	Rate	Run Dates
SUE TAYLOR		NT	MARCH 4, 11, 1999

STATE OF IDAHO
DEPT. OF WATER RESOURCES WESTERN REG.
2735 AIRPORT WAY
BOISE, IDAHO 83705 - 5082

Estimated Inches	Real Inches
# Affidavits	**Legal Number**
1	3459

RECEIVED
MAR 2 2 1999
WATER RESOURCES
WESTERN REGION



NOTICE OF PROPOSED EXTENSION OF TIME TO AVOID FORFEITURE OF WATER RIGHTS

Notice is given that JULIUS JEKER, 6598 Dry Creek Rd. Boise ID 83703, has applied to the Dept. of Water Resources for an Extension of Time to Avoid Forfeiture pursuant to I.C. 42-222 for 4 ground water rights recorded as follows in T.5N.R1E, Ada County, unless otherwise noted:

No.	Priority	CFS	Uses	Point of Diversion
63-02535	8/24/1977	3.70	Irrig/Dom	NENE S35
63-04023	7/01/1927	3.00	Irrig/Stock	NW S36 (3 pts)
63-04086	7/20/1960	5.00	Irrig	NENE S34
63-07123	7/11/1968	6.79	Irrig	NENE S34

The first and last rights are licenses, and the others are statutory claims.

Irrigation is claimed and licensed in S25, S35, S36, and S30 T5N R2E, for a total of 9.49 cfs and 510 total acres.

Snake River Basin Adjudication claims are filed as described above except for a reduction in irrigation to 388 total acres.

Site encompasses 1 miles of Dry Creek drainage just east of HWY 55.

EXTENSION REQUESTED FOR 5 years, or until 2004. Due to poor health, applicant has been unable to irrigate the property since 1994.

Any Protest against the approval of the proposed water right applications must be filed with the Department of Water Resources Western Region, 2735 Airport Way, Boise ID 83705, together with a protest fee of $25.00 per right on or before March 22, 1999. The protestant must also send a copy of the protest to the applicant.

Karl J. Dreher, Director

Pub. Mar. 4,11, 1999

3459

JANICE HILDRETH, being duly sworn, deposes and says: That she is the Principal Clerk of The Idaho Statesman, a daily newspaper printed and published at Boise, Ada County, State of Idaho, and having a general circulation therein and which said newspaper has been continuously and uninterruptedly published in said County during a period of twelve consecutive months prior to the first publication of the notice, a copy of which is attached hereto; that said notice was published in The Idaho Statesman in conformity with Section 60-108, Idaho Code as amended, for TWO

- ☒ consecutive weekly ☐ single
- ☐ consecutive daily ☐ odd skip

insertion(s) beginning with the issue of MARCH 4, 1999
and ending with the issue of MARCH 11, 1999

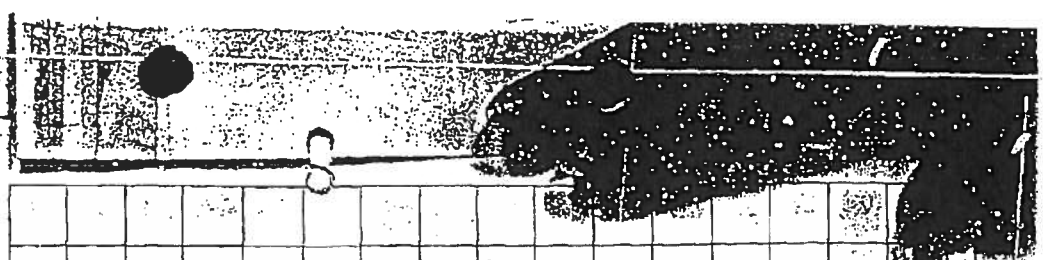
Janice Hildreth

STATE OF IDAHO)
) ss.
COUNTY OF ADA)

On this 11TH day of MARCH in the year of 1999, before me, a Notary Public, personally appeared JANICE HILDRETH known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that she executed the same.

ANGELA M. NEWLAND NOTARY PUBLIC STATE OF IDAHO

Angela M Newland
Notary Public for Idaho
Residing at: Boise, Idaho
My commission expires: 2/16/05



19
39
21
15
39
15
32
28
12
13
17
11
266

22
31
22
20
40
28
20
9
209

25 30

79
280
151
510

35 36

		Acres Filed on	cfs Allowed	Acres for Beneficial Use	cfs Per Acre
Lic 0.70 cfs = 18495		35	.70cfs	35	.02cfs
Claim 3.0cfs = 63-4023		350	3.0 cfs	266	.01127cfs .00150cfs .01735cfs
Permit 5.0cfs 63-3179 G-28123		620	5.000 cfs -3.39 1.61 cfs	209	.0162 cfs
Permit 2.0cfs = 63-7123		620	0.79 cfs	411	.002cfs
			9.49cfs	510 acres = Total irrigated	

MICRO

Priority 7-11-68
Q measured 5.79 cfs
Q recommended 0.79 cfs
Volume 2295 AF (4 years)
Acreage 620
Found 510
recommended 510
Subdv 20
Ammendments
None
P.D.
Place of use

Total volume of diversions of Permits #18495, 63-4023, 63-3179 and 63-7123 shall not exceed 2295 Acre feet

Janice Hildreth, Idaho Statesman called Monday, February 22, 1999, at 8:15 a.m. She had been on vacation for a month and the people responsible for getting the legal ads in the paper didn't get 6 applications advertised on February 18 and 25. She will advertise them on March 4 and 11 with the protest date on March 22, 1999.

United Water, amendment

Julius Jeker, ext. of time.

City of Eagle, amendment

Lisa Gray, transfer

Don Watkins, app.

Don Watkins, app.

MICRO
FEB 0 3 2003

A NOTICE OF PROPOSED EXTENSION OF TIME TO AVOID FORFEITURE OF WATER RIGHTS

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EXTENSION REQUESTED FOR

5 years, or until 2004. Due to poor health, applicant has been unable to irrigate the property since 1994.

Any protest against the approval of the proposed water right applications must be filed with the Department of Water Resources, Western Region, 2735 Airport Way, Boise ID 83705, together with a protest fee of $25.00 per right on or before March ~~8, 22~~ 1999. The protestant must also send a copy of the protest to the applicant.

Karl J. Dreher, Director

Published in the Idaho Statesman on ~~February 18 and 25~~ March 4 + 11, 1999.

Statesman error

MICROFILMED
FEB 23 2000

August 21, 1973

Helen Weisshaupt
Route 1
Boise, Idaho 83702

Dear Mrs. Weisshaupt:

Enclosed are copies of information from the file of Water License No. 63-7123 as you requested. You will note that this license covers diversion of water from a well located in the NE1/4NE1/4, Section 36; Twp. 5N, Rge. 1E, B.M. This water is used to irrigate 473 acres of land in parts of Section 25, 35 and 36; Twp. 5N, Rge. 1E, B.M., and Section 30; Twp. 5N, Rge. 2E, B.M.

It is our understanding of state law that once issued, this licensed right becomes appurtenant to all of the land on which it is used and that whenever you acquire title to some portion of the land, you obtain a proportionate share of the water right of the well for use on that land. The only exception would be if the seller were to reserve the water right when the land was conveyed. Since no reservation was apparently made, you are entitled to use of the well to serve your land, along with the owners of the remaining portion of the ground. They cannot deprive you of that right simply because the well might be located on their property. You would, of course, have to pay your share of the power costs and maintenance of the well facilities.

If I can be of further assistance to you, please let me know.

Very truly yours,

R. KEITH HIGGINSON
Director

RKH:mjl

Enclosures: 3 copies of license, township sheet and map

June 21, 1973

Mrs. G. A. Weisshaupt
Route #1
Boise, Idaho 83702

Dear Mrs. Weisshaupt:

Enclosed you will find the information you requested pursuant to our telephone conversation of June 21.

If you have any other questions regarding this matter, do not hesitate to contact us.

Sincerely,

BOBBY D. FLEENOR
Assistant Director

jc
Enc: Claim No.'s 63-4023 & 63-4086
License No. 63-7123

63 7123

December 7, 1970

Re: Permit No. 63-7123

C

Mr. Julius Jeker
Route 1
Boise, Idaho

O

Dear Mr. Jeker:

Enclosed herewith is your Water License issued on the above numbered permit.

Very truly yours,

P

BOBBY D. FLEENOR
Assistant Director

BDF:kh

Y

Enclosure

63 7123

November 9, 1970

Re: Permit No. 63-7123

Mr. Julius Jeker
Route 1
Boise, Idaho

Dear Mr. Jeker:

A representative of this department has made an examination of the works covered by your Permit No. 63-7123 and has found the following:

Quantity of water diverted: 5.79 c.f.s.

Amount of water that can be recognized as beneficially used under Idaho law: 0.79 c.f.s.

* The maximum quantity diverted shall not exceed 2,128.5 acre feet per season.

Beneficial Use: Irrigation of 473 acres within the SW¼SW¼ Sec. 30, T. 5 N., R. 2 E., B.M.; SE¼SW¼, S½SE¼ Sec. 25; N½ Sec. 35; N½ Sec. 36, T. 5 N., R. 1 E., B.M.

The priority date established is : July 11, 1968

If you do not concur with these findings, please advise us within 10 days; otherwise, a license will be issued as set forth in this letter.

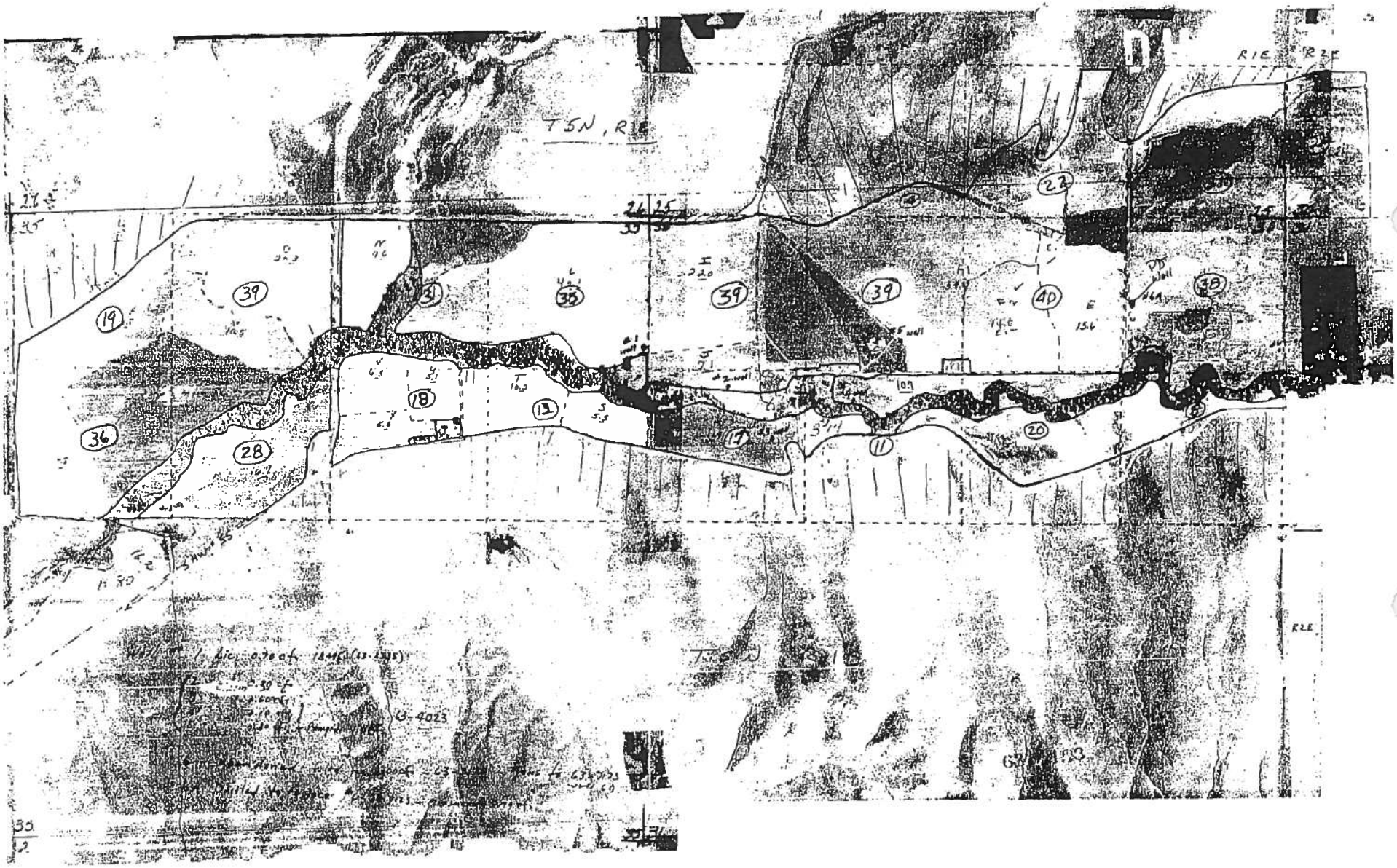
Very truly yours,

BOBBY D. FLEENOR
Assistant Director

BDF:kh

* The maximum quantity of water diverted shall not exceed 2,295 acre feet per season when the right developed by this license is combined with that of License 63-2535, Claim No. 63-4023 and Permit No. 63-7123 or it's subsequent license.

63 7123


T 5N, R 1E
R 1E
T 5N, R 1E
24
25
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11
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8
36
28
R1E

Form 23
2M-4-65

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

BOISE, IDAHO

REPORT OF EXAMINER

Permit No. 63-7123

This proof is for b/u In Water District No.

1. Name of applicant Julius Jeker, Route 1, Boise, Idaho

2. Source of water supply: groundwater

3. Location of point of diversion: Is in the NE1/4NE1/4 of Section 36

T. 5N R. 1E County of Ada

4. 60 hp. Westinghouse Motor No. 3-43V326, Peereless Pump (Moturbo Type No. 2-HI-GH)
(No name plate on pump bas·). 10" discharge south into 12" x 200' buried steel
pipeline to open ditch. There is a slide gate valve 5' from pump to divide water
for portable sprinkler system through a 4" tee 4' from pump to a Berkeley
Centrifugal Booster Pump. 40 hp. Century Motor No. 51457. Pump No. 00653x, BM No.
5. 3961, Model B 4E x PBM 40 - 6" inlet x 4" outlet to a 5" portable aluminum main
6. line north and south.

well house underneath.

7.

than irrigation):

T. 5N., R. 2E.,	Sec. 30	SW1/4SW1/4	20 acres
1E.,	25	S1/2SW1/4, S1/2SE1/4	105
	35	N1/2	255
	36	N1/2	240
			620 total

(Submit map on attached plat, showing location and details of above description.)

8. What large stream would the water here appropriated finally reach?

Remarks: Mr. Julius Jeker and Jack Barnett along.
Measurement was made by using a Metraflex Fb Meter into a buried
12"x 200' steel pipe to an open ditch. Metraflex Meter
registered 2600 GPM or 5.79 cfs.

This examination was made on the 14th day of September, 1970.

(Signed) Leon Thurman
Examiner.

63 7123

F

21

T

1.

2.

3.

4. Describe works as they exist, giving dimensions and capacities of same: well = 16"; 14" and 12" casing and 12" well screen to a depth of 218'. Turbine pump; ditch, pipe, and sprinkler.

5. Water is used for: irrigation

6. State whether or not water has been turned into works of diversion:

7. List legal subdivisions of lands to be irrigated. If proof is for beneficial use, give exact number of acres under cultivation in each forty-acre tract. (Describe manner and place of use if other than irrigation):

T. 5N., R. 2E., Sec.	30	SW1/4SW1/4	20 acres
1E.,	25	S1/2SW1/4, S1/2SE1/4	105
	35	N1/2	255
	36	N1/2	240
			620 total

(Submit map on attached plat, showing location and details of above description.)

8. What large stream would the water here appropriated finally reach?

Remarks: Mr Julius Tesker and Jack Barnett along. Measurement was made by using a Metroflex Flo Meter into a bored 12"x 200' steel pipe to an open ditch. Metroflex Meter registered 2600 GPM or 5.79 c.f.s.

This examination was made on the 14th day of September, 19 70

(Signed) Leon Johnson
Examiner.

63 7193

Attachment H:

Water Right 63-17451

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Water Right Report

05/12/2005

WATER RIGHT NO. 63-17451

Owner Type	Name and Address
Current Owner	JULIUS JEKER 6598 DRY CREEK RD BOISE, ID 83703 (208)939-6235

Priority Date: 05/20/1944
Basis: Decreed
Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
DOMESTIC	1/01	12/31	0.01 CFS	
Total Diversion			0.01 CFS	

Location of Point(s) of Diversion:

GROUND WATER	SENW	Sec. 36	Township 05N	Range 01E	ADA County

Place(s) of use:

Place of Use Legal Description: DOMESTIC ADA County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
05N	01E	36		SENW										

Conditions of Approval:

1.	C18	THIS PARTIAL DECREE IS SUBJECT TO SUCH GENERAL PROVISIONS NECESSARY FOR THE DEFINITION OF THE RIGHTS OR FOR THE EFFICIENT ADMINISTRATION OF THE WATER RIGHTS AS MAY BE ULTIMATELY DETERMINED BY THE COURT AT A POINT IN TIME NO LATER THAN THE ENTRY OF A FINAL UNIFIED DECREE. SECTION 42-1412(6), IDAHO CODE.
2.	N13	THE QUANTITY OF WATER UNDER THIS RIGHT SHALL NOT EXCEED 13,000 GALLONS PER DAY.
3.	N11	THE QUANTITY OF WATER DECREED FOR THIS WATER RIGHT IS NOT A DETERMINATION OF HISTORICAL BENEFICIAL USE.
4.		PARCEL NO. S0236100000

Dates:
Licensed Date:
Decreed Date: 05/17/2001
Enlargement Use Priority Date:
Enlargement Statute Priority Date:
Water Supply Bank Enrollment Date Accepted:
Water Supply Bank Enrollment Date Removed:
Application Received Date:
Protest Deadline Date:
Number of Protests: 0

Other Information:
State or Federal: S
Owner Name Connector:
Water District Number:
Generic Max Rate per Acre:
Generic Max Volume per Acre:
Civil Case Number:
Old Case Number:
Decree Plantiff:
Decree Defendant:
Swan Falls Trust or Nontrust:
Swan Falls Dismissed:
DLE Act Number:
Cary Act Number:
Mitigation Plan: False

Close

Attachment I:

Water Right 63-17452

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Water Right Report

05/12/2005

WATER RIGHT NO. 63-17452

Owner Type	Name and Address
Current Owner	JULIUS JEKER 6598 DRY CREEK RD BOISE, ID 83703 (208)939-6235

Priority Date: 07/01/1927
Basis: Decreed
Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
DOMESTIC	1/01	12/31	0.04 CFS	
Total Diversion			0.04 CFS	

Location of Point(s) of Diversion:

GROUND WATER	SWNW	Sec. 36	Township 05N	Range 01E	ADA County

Place(s) of use:

Place of Use Legal Description: DOMESTIC ADA County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
05N	01E	36		SWNW										

Conditions of Approval:

1.	C18	THIS PARTIAL DECREE IS SUBJECT TO SUCH GENERAL PROVISIONS NECESSARY FOR THE DEFINITION OF THE RIGHTS OR FOR THE EFFICIENT ADMINISTRATION OF THE WATER RIGHTS AS MAY BE ULTIMATELY DETERMINED BY THE COURT AT A POINT IN TIME NO LATER THAN THE ENTRY OF A FINAL UNIFIED DECREE. SECTION 42-1412(6), IDAHO CODE.
2.	N13	THE QUANTITY OF WATER UNDER THIS RIGHT SHALL NOT EXCEED 13,000 GALLONS PER DAY.
3.	N11	THE QUANTITY OF WATER DECREED FOR THIS WATER RIGHT IS NOT A DETERMINATION OF HISTORICAL BENEFICIAL USE.
4.		PARCEL NO. S0236100000

Dates:
Licensed Date:
Decreed Date: 05/17/2001
Enlargement Use Priority Date:
Enlargement Statute Priority Date:
Water Supply Bank Enrollment Date Accepted:
Water Supply Bank Enrollment Date Removed:
Application Received Date:
Protest Deadline Date:
Number of Protests: 0

Other Information:
State or Federal: S
Owner Name Connector:
Water District Number:
Generic Max Rate per Acre:
Generic Max Volume per Acre:
Civil Case Number:
Old Case Number:
Decree Plantiff:
Decree Defendant:
Swan Falls Trust or Nontrust:
Swan Falls Dismissed:
DLE Act Number:
Cary Act Number:
Mitigation Plan: False

Close

Attachment J:

Water Right 63-17453

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Water Right Report

05/12/2005

WATER RIGHT NO. 63-17453

Owner Type	Name and Address
Current Owner	JULIUS JEKER 6598 DRY CREEK RD BOISE, ID 83703 (208)939-6235

Priority Date: 10/25/1974
Basis: Decreed
Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
STOCKWATER	1/01	12/31	0.07 CFS	
Total Diversion			0.07 CFS	

Location of Point(s) of Diversion:

GROUND WATER	NESE	Sec. 25	Township 05N	Range 01E	ADA County

Place(s) of use:

Place of Use Legal Description: STOCKWATER ADA County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
05N	01E	25		NESE										

Conditions of Approval:

1.	C18	THIS PARTIAL DECREE IS SUBJECT TO SUCH GENERAL PROVISIONS NECESSARY FOR THE DEFINITION OF THE RIGHTS OR FOR THE EFFICIENT ADMINISTRATION OF THE WATER RIGHTS AS MAY BE ULTIMATELY DETERMINED BY THE COURT AT A POINT IN TIME NO LATER THAN THE ENTRY OF A FINAL UNIFIED DECREE. SECTION 42-1412(6), IDAHO CODE.
2.	N13	THE QUANTITY OF WATER UNDER THIS RIGHT SHALL NOT EXCEED 13,000 GALLONS PER DAY.
3.	N11	THE QUANTITY OF WATER DECREED FOR THIS WATER RIGHT IS NOT A DETERMINATION OF HISTORICAL BENEFICIAL USE.
4.		STOCKWATER, 300 RANGE CATTLE PARCEL NO. S0225417200

Dates:
Licensed Date:
Decreed Date: 05/17/2001
Enlargement Use Priority Date:
Enlargement Statute Priority Date:
Water Supply Bank Enrollment Date Accepted:
Water Supply Bank Enrollment Date Removed:
Application Received Date:
Protest Deadline Date:
Number of Protests: 0

Other Information:
State or Federal: S
Owner Name Connector:
Water District Number:
Generic Max Rate per Acre:
Generic Max Volume per Acre:
Civil Case Number:
Old Case Number:
Decree Plantiff:
Decree Defendant:
Swan Falls Trust or Nontrust:
Swan Falls Dismissed:
DLE Act Number:
Cary Act Number:
Mitigation Plan: False

Close

Attachment K:

Water Right 63-17454

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Adjudication Recommended Right Report

05/06/2005

WATER RIGHT NO. 63-17454

Owner Type	Name and Address
Current Owner	JULIUS JEKER 6598 DRY CREEK RD BOISE, ID 83703 (208)939-6235

Priority Date: 03/20/1938
Basis:
Status: Active

Source	Tributary
DRY CREEK	BOISE RIVER

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	3/15	11/15	1.7 CFS	
Total Diversion			1.7 CFS	

Location of Point(s) of Diversion:

DRY CREEK | NENW | Sec. 31 | Township 05N | Range 02E | ADA County

Place(s) of use:

Place of Use Legal Description: IRRIGATION ADA County

ange	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
1E	25		SESE	26.5									
	36		NENE	35.5									
)2E	30		SWSW	23									

: 85

; of Approval:

is partial decree is subject to such general provisions necessary for the definition of the hts or for the efficient administration of the water rights as may be ultimately determined by e Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), aho Code.

formation:
Federal: S
Name Connector:
District Number:
c Max Rate per Acre:
c Max Volume per Acre:
Falls Trust or Nontrust:
Falls Dismissed:
Act Number:
Act Number:
tion Plan: False
e

Attachment L:

Water Right 63-17455

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Adjudication Recommended Right Report

05/06/2005

WATER RIGHT NO. 63-17455

Owner Type	Name and Address
Current Owner	JULIUS JEKER 6598 DRY CREEK RD BOISE, ID 83703 (208)939-6235

Priority Date: 05/20/1930
Basis:
Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	3/15	11/15	0.34 CFS	
STOCKWATER	1/01	12/31	0.07 CFS	
Total Diversion			0.41 CFS	

Location of Point(s) of Diversion:

GROUND WATER | SWNE | Sec. 35 | Township 05N | Range 01E | ADA County

Place(s) of use:

Place of Use Legal Description: IRRIGATION ADA County

e	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
	35		NWNE	5.5		SWNE	11.6						

gal Description: STOCKWATER ADA County

nge	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
E	35		NWNE			SWNE							

17.1

of Approval:

; partial decree is subject to such general provisions necessary for the definition of the its or for the efficient administration of the water rights as may be ultimately determined by Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), ho Code.

nformation:
r Federal: S
r Name Connector:
r District Number:
ric Max Rate per Acre:
eric Max Volume per Acre:
an Falls Trust or Nontrust:
an Falls Dismissed:
LE Act Number:
ary Act Number:
Mitigation Plan: False

Close

Attachment M:

Water Right 63-8023A and 63-8046A

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Adjudication Claim Report

05/13/2005

WATER RIGHT NO. 63-4023A

Owner Type	Name and Address
Current Owner	HELEN WEISSHAUPT 5005 N BROOKSIDE LN BOISE, ID 83703 (208)939-6825
Current Owner	MARGARET BRUSHER 2393 TESMER RD ANN ARBOR, MI 48103

Priority Date: 07/01/1927
Basis: Beneficial Use
Status: Active

Source	Tributary
DRY CREEK	BOISE RIVER
SPRING CREEK DITCH	DRY CREEK

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	4/01	10/31	2.44 CFS	
Total Diversion			2.44 CFS	

Location of Point(s) of Diversion:

DRY CREEK	NWNE	Sec. 35	Township 05N	Range 01E	ADA County
SPRING CREEK DITCH	NWNE	Sec. 35	Township 05N	Range 01E	ADA County

Place(s) of use:

Place of Use Legal Description: IRRIGATION ADA County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	A
05N	01E	35		NENW	39		NWNW	19		SWNW	36		SENW	2

Total Acres: 122

Conditions of Approval:

1.	THIS WATER RIGHT, WHEN COMBINED WITH ALL OTHER WATER RIGHTS, SHALL DIVERT NO MORE THEN AN 1"/ACRE. WHEN THIS WATER RIGHT IS USED, THE WATER IN THE DITCH AND FROM DRY CREEK COMES FROM A WELL WHICH THEY BELIEVE IS LOCATED IN THE NE1/4, NE1/4 OF SECTION 36, T5N, R1E. THIS IS A SPLIT WATER RIGHT OFF OF A63-04023.

Dates:
Licensed Date:
Claim Received Date:
Decreed Date:
Enlargement Use Priority Date:
Enlargement Statute Priority Date:

Other Information:
State or Federal: S
Owner Name Connector: OR
Water District Number:
Generic Max Rate per Acre:
Generic Max Volume per Acre:
Civil Case Number:
Old Case Number:
Decree Plantiff:
Decree Defendant:
Swan Falls Trust or Nontrust:
Swan Falls Dismissed:
DLE Act Number:
Cary Act Number:
Mitigation Plan: False

Close

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Adjudication Claim Report

05/13/2005

WATER RIGHT NO. 63-4086A

Owner Type	Name and Address
Current Owner	HELEN WEISSHAUPT 5005 N BROOKSIDE LN BOISE, ID 83703 (208)939-6825
Current Owner	MARGARET BRUSHER 2393 TESMER RD ANN ARBOR, MI 48103

Priority Date: 07/20/1960
Basis: Beneficial Use
Status: Active

Source	Tributary
DRY CREEK	BOISE RIVER
SPRING CREEK DITCH	DRY CREEK

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	4/01	10/31	2.44 CFS	
Total Diversion			2.44 CFS	

Location of Point(s) of Diversion:

DRY CREEK	NWNE	Sec. 35	Township 05N	Range 01E	ADA County
SPRING CREEK DITCH	NWNE	Sec. 35	Township 05N	Range 01E	ADA County

Place(s) of use:

Place of Use Legal Description: IRRIGATION ADA County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	A
05N	01E	35		NENW	39		NWNW	19		SWNW	36		SENW	2

Total Acres: 122

Conditions of Approval:

1.	THIS WATER RIGHT, WHEN COMBINED WITH ALL OTHER WATER RIGHTS, SHALL DIVERT NO MORE THAN 1"/ACRE. THIS WATER IS DIVERTED FROM THE POINTS INDICATED UNDER SOURCE. THE WATER GOING INTO THE SOURCES COMES OUT OF A WELL WHICH THEY BELIEVE IS LOCATED IN SECTION 36, NE1/4,NE1/4 OF T5N, R1E. THIS IS A SPLIT WATER RIGHT OFF OF A63-04086. SEE A63-04023A FOR MAP. CHANGED ADDRESSES TO MATCH FOR MAILING PURPOSES ONLY 3/27/95 DMS

Dates:
Licensed Date:
Claim Received Date:
Decreed Date:
Enlargement Use Priority Date:
Enlargement Statute Priority Date:

Other Information:
State or Federal: S
Owner Name Connector: OR
Water District Number:
Generic Max Rate per Acre:
Generic Max Volume per Acre:
Civil Case Number:
Old Case Number:
Decree Plantiff:
Decree Defendant:
Swan Falls Trust or Nontrust:
Swan Falls Dismissed:
DLE Act Number:
Cary Act Number:
Mitigation Plan: False
Close

CONCEPTUAL WATER SYSTEM REPORT

Prepared for

Land Baron Investments
8080A W. Sahara
Las Vegas, NV 89117

Prepared by

SPF Water Engineering, LLC
600 East River Park Lane
Boise, ID 83706

July 18, 2006

SPF Water Engineering, LLC
water resource consultants

Executive Summary

The proposed Dry Creek Ranch planned community encompasses a total of 1,414 acres and is located along Dry Creek Road between Broken Horn Road and Highway 55. Currently 4,300 residential dwelling units are planned for Dry Creek Ranch. The development will also include commercial and office areas, schools, parks, a church, open space, and village common areas. This report presents a conceptual design for backbone water facilities designed to serve Dry Creek Ranch.

Due to the limited water supply in the Dry Creek area, the preferred option selected for obtaining a water supply is to negotiate with an existing municipal water system for water service. United Water Idaho has agreed to provide water service to the Dry Creek Ranch development, contingent on receiving approval from the Idaho Public Utilities Commission and successful negotiation of a special facilities agreement with the Dry Creek Ranch developer. Dry Creek Ranch will supplement the off-site supply from United Water Idaho using existing irrigation water rights delivered through both potable and non-potable systems.

The Dry Creek Ranch development will include a pressurized irrigation system that will be completely separate from the potable water system. The pressurized irrigation system will utilize reclaimed wastewater in addition to existing ground and surface water rights to reduce the demand on the potable water system. Backbone facilities for the irrigation system will include 2 irrigation wells, a surface water diversion, operational storage pond, pump station, and approximately 40,000 feet of 12-inch transmission main. The pressurized irrigation system will serve only the lower elevations in the development. The estimated cost for the backbone irrigation facilities is $3.0 million. This estimate does not include distribution piping.

The potable water system will be supplied by United Water Idaho and a new municipal ground water well on Dry Creek Ranch property. Existing irrigation rights not used by the pressurized irrigation system will be converted to municipal water rights for the new well. Ground water quality in the area is generally good, although arsenic is a potential concern for new wells drilled on the property. The potable water system will consist of an on-site municipal supply well, 2 connections to the United Water Idaho system, a storage reservoir, and 5 booster pumping stations. Due to the topography of the development site, the service area will be divided into multiple pressure zones. The estimated cost for the backbone potable water facilities is $9.6 million. This estimate does not include distribution piping.

An investigation of existing geothermal wells in the Dry Creek Ranch area suggests that a geothermal groundwater resource could be developed at Dry Creek Ranch. Proposed facilities for the geothermal system include a minimum of two production wells and one injection well, a geothermal delivery system, and a geothermal return system. The estimated cost for the backbone geothermal system facilities is $7.0 million.

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1. INTRODUCTION

The proposed Dry Creek Ranch Development encompasses a total of 1,414 acres and is located along Dry Creek Road between Broken Horn Road and Highway 55. Figure 1 shows the proposed layout for the development and includes tabulated residential site data. Currently 4,300 residential dwelling units are planned for Dry Creek Ranch. The development will also include commercial and office areas, schools, parks, a church, open space, and village common areas.

This report presents a conceptual design for backbone water facilities designed to serve Dry Creek Ranch. Water demand calculations for the project, options for setting up a public water system, and a description of proposed backbone water facilities are presented.

1.1. Water Demands

1.1.1. Typical Water Demands

Peak day and peak hour water demands in the Treasure Valley Area are shown in Table 1. These typical demands were calculated from United Water Idaho data.

Description	Volume / Rate	Units
Peak Day Total Demand Per Customer	1,440	Gallons Per Day
Peak Day Total Demand Per Customer	1.0	Gallons Per Minute
Peak Day Irrigation Demand Per Customer	0.75	Gallons per Minute
Peak Day Potable Demand Per Customer	0.25	Gallons per Minute
Peak Hour Total Demand Per Customer	1.5	Gallons per Minute

Table 1: Typical Water Demands - Treasure Valley Area

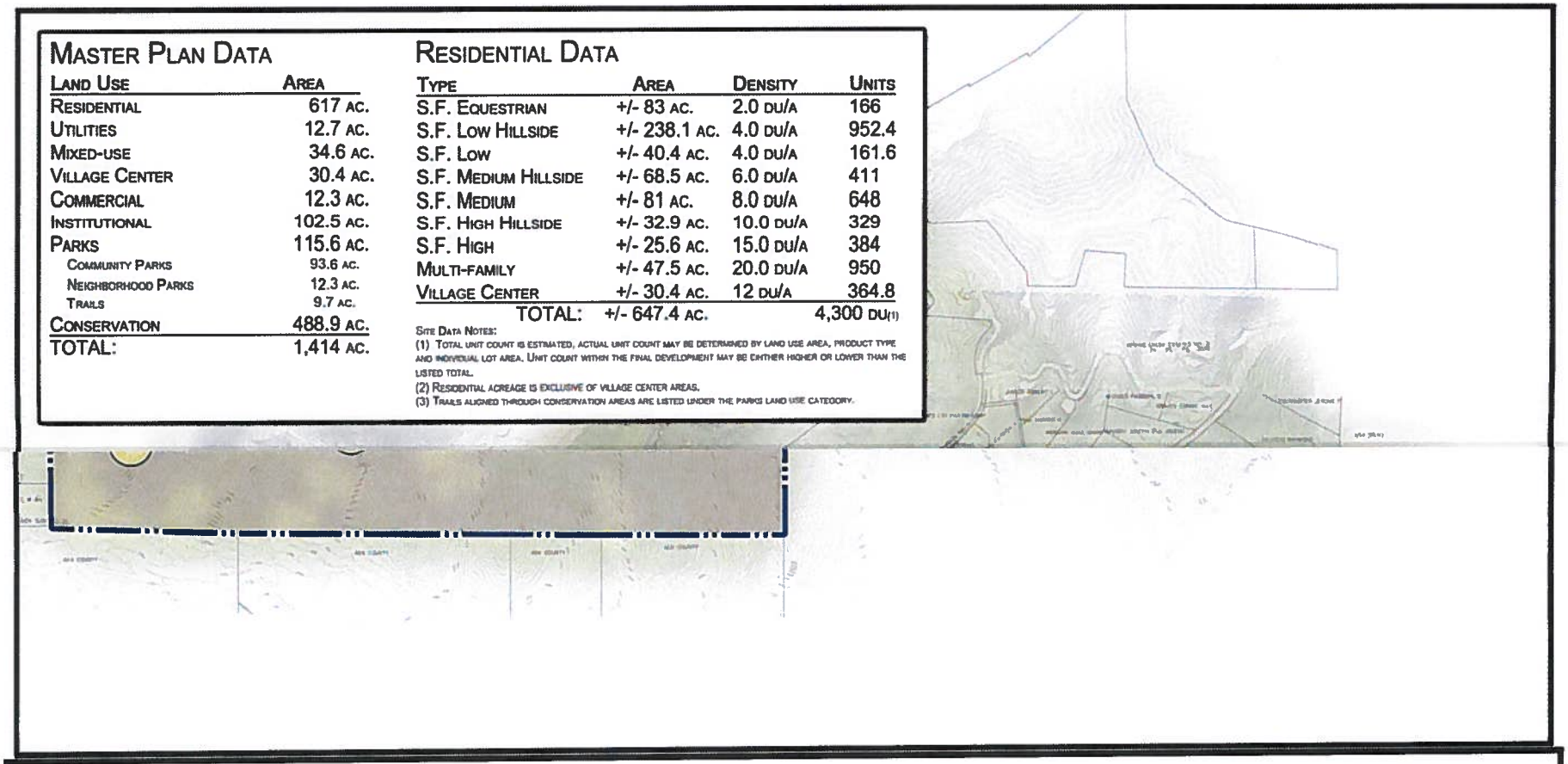
Master Plan Data

Land Use	Area
Residential	617 ac.
Utilities	12.7 ac.
Mixed-use	34.6 ac.
Village Center	30.4 ac.
Commercial	12.3 ac.
Institutional	102.5 ac.
Parks	115.6 ac.
Community Parks	93.6 ac.
Neighborhood Parks	12.3 ac.
Trails	9.7 ac.
Conservation	488.9 ac.
TOTAL:	1,414 ac.

Residential Data

Type	Area	Density	Units
S.F. Equestrian	+/- 83 ac.	2.0 du/a	166
S.F. Low Hillside	+/- 238.1 ac.	4.0 du/a	952.4
S.F. Low	+/- 40.4 ac.	4.0 du/a	161.6
S.F. Medium Hillside	+/- 68.5 ac.	6.0 du/a	411
S.F. Medium	+/- 81 ac.	8.0 du/a	648
S.F. High Hillside	+/- 32.9 ac.	10.0 du/a	329
S.F. High	+/- 25.6 ac.	15.0 du/a	384
Multi-family	+/- 47.5 ac.	20.0 du/a	950
Village Center	+/- 30.4 ac.	12 du/a	364.8
TOTAL:	+/- 647.4 ac.		4,300 du(1)

Site Data Notes:
(1) Total unit count is estimated, actual unit count may be determined by land use area, product type and individual lot area. Unit count within the final development may be either higher or lower than the listed total.
(2) Residential acreage is exclusive of village center areas.
(3) Trails aligned through conservation areas are listed under the parks land use category.



Note: S.F. = Single Family

SCALE: IN FEET
0 250 500 1000

DATE: 07 JULY 2006
LB15074

W R G
DESIGN INC.

Figure 1: Dry Creek Ranch Preliminary Development Plan

1.1.2. Pressurized Irrigation System Demand

A pressurized irrigation system, separate from the potable water system, will provide water for the irrigation of approximately 334 acres of landscaping in the low-lying areas within the Dry Creek Ranch development. The pressurized irrigation system boundary is shown in Figure 2. The irrigation season falls from late March to October. Demand ranges from approximately 93,000 gallons per day in March to 2.8 million gallons per day (MGD) during the peak month of July. The peak month demand is approximately 5.75 gpm per acre irrigated. The supply for the pressurized irrigation system will come from existing water rights and instantaneous reclaimed wastewater flows. A small operational storage pond will be provided for reclaimed wastewater and ground and surface water withdrawals during off-peak hours. The amount of water diverted from surface and ground water sources will vary throughout the irrigation season and will depend on the supply of re-use water available at any given time. Peak hour demand from the pressurized irrigation system will depend on the rotation schedule. It is assumed that a reasonable rotation schedule will result in a peaking factor of between 2.5 and 3.0. The resulting peak hour demand will be approximately 5,000 gpm.

1.1.3. Potable Water System Demands

For the conceptual level design, 4,300 dwelling unit connections are planned in the Dry Creek Ranch development. Water demands have been calculated based on a total estimate of 4,800 total water service connections to account for commercial, school, and other facility connections. Approximately 3,896 of these connections are estimated to fall within the area served by the pressurized irrigation system. These connections would obtain water from the potable water system only for in-home use. Connections outside the pressurized irrigation system boundary would obtain both domestic and irrigation supplies from the potable water system.

Maximum day demand from the potable water system is expected to be approximately 2,108 gpm. Table 2 shows a summary of projected maximum day demand for the Dry Creek Ranch potable water system.

Potable Water Supply Use	Number of Connections	Maximum Day Demand (gpm/connection)	Total Dry Creek Ranch Maximum Day Demand (gpm)
Domestic Only	3,896	0.25	974
Domestic and Irrigation	904	1	904
Irrigation of Parks from Domestic System	40 ac	5.75 gpm/ac	230
Potable Total	**4,800**		**2,108**

Table 2: Projected Maximum Day Demand for Dry Creek Ranch Potable Water System

1.1.4. Annual Water Demands for Dry Creek Ranch

Annual water demand for irrigation and potable use at Dry Creek Ranch is estimated to be 3,711 acre feet (1,209 million gallons), including 2,547 acre feet (830 million gallons) from the potable system and 1,163 acre feet (379 million gallons) from the pressurized irrigation system.

This estimate assumes:

- 4,800 total water service connections, each utilizing an average of 205 gallons per day throughout the year for potable in-home purposes. This estimate is based on United Water Idaho usage rates for homes with separate pressurized irrigation systems.
- 334 acres irrigated from the pressurized irrigation system, with a water demand of 3.5 acre feet per acre.
- 904 water service connections irrigating from the potable system, with each connection having an irrigated area of 0.15 acres (6,500 square feet) and an irrigation water demand of 3.5 acre feet per acre.
- 40 acres of parks irrigated from the domestic system, with a water demand of 3.5 acre feet per acre.

Additional details regarding projected water requirements are provided in Appendix A.

1.1.5. Fire Protection Water Demand

The potable water system will be designed with pumping capacity and storage capacity adequate to provide fire flows in accordance with the International Fire Code. Fire flow requirements of 2,500 gpm for two hours are anticipated for

commercial structures located within the lower elevation portions of the project. Fire flows of 1,500 gpm for 2 hours are anticipated for residential structures in the higher elevation portions of the project.

2. WATER SUPPLY

2.1. Existing Water Supply

2.1.1. Existing Water Rights

A search of the Idaho Department of Water Resources (IDWR) online water rights database identified nine water rights appurtenant to the Dry Creek Ranch property, formerly owned by Julius Jeker. Five of these water rights list irrigation as a use and represent a total maximum diversion rate of 7.84 cubic feet per second (cfs) or approximately 3,519 gallons per minute (gpm) for irrigation of 392 acres. The annual diversion volume for 392 acres (at 4.5 acre feet per acre) is 1,764 acre feet. Three other rights represent a total maximum diversion rate of 0.12 cfs or approximately 54 gpm for domestic and stockwater uses. An enlargement claim has been filed with the potential to increase the allowable irrigated area from 392 to 404 acres.

It appears that ground water is the only source of irrigation on approximately 307 acres. Ground water is supplemented by surface water from Dry Creek (or vice versa) on approximately 85 acres.

Three of the Jeker water rights have received partial decrees in the Snake River Basin Adjudication (SRBA). IDWR has presented its recommendation to the SRBA Court for the remaining claims. All but one of these claims are recommended favorably. However, the acres listed in the claim that is recommended to be disallowed are included in other claims that are being recommended.

Use of these water rights will need to resume within five years following decrees through the SRBA to avoid forfeiture unless other measures are taken to protect rights. More details on this issue and on the water rights appurtenant to the Dry Creek Ranch property can be found in Appendix B.

2.1.2. On-site Water Resources

A preliminary assessment of the existing water resources available to the Dry Creek Ranch development was conducted by reviewing available drillers' reports, water quality data, and other information from wells located on or near the Dry Creek Ranch property. A full report of this assessment can be found in Appendix C. The key findings are summarized below.

At least 13 wells have been drilled on the Dry Creek Ranch property. The most productive wells have been located in the east-central part of the property, producing up to 3,000 gpm from depths between 100 and 300 feet. It is likely that one or more successful municipal production wells could be completed in this area, although the sustainable well yield from the aquifer has not been determined. Wells drilled in other parts of the property have been far less productive (1 to 150 gpm).

Recent sampling indicates that ground water quality on the Dry Creek Ranch property is very good. However, arsenic is a potential concern for new wells drilled on the property. While recent water sampling does not indicate elevated arsenic concentrations on the property, arsenic concentrations exceeding the primary MCL have been observed in nearby monitoring wells.

There is a potential for development of geothermal energy to heat homes and for other residential purposes on the property. One well drilled into the geothermal aquifer system (at a depth of 997 feet) has a recorded temperature of 107°F. Wells drilled for this purpose will probably have to be at least 1,000 feet deep. The geothermal potential for Dry Creek Ranch is discussed in more detail in Chapter 5 and Appendix D.

Local aquifer conditions should be evaluated during and following construction of initial wells to verify the hydrogeologic conditions underlying Dry Creek Ranch. This evaluation should include lithologic descriptions, aquifer testing, and water quality sampling and analysis. This information would be used to confirm water supply and water chemistry characteristics.

2.2. Alternatives Considered for Potable Water Providers

Two alternatives were considered for providing a potable water supply to Dry Creek Ranch. These alternatives include:

1. Stand-Alone Water System

2. Negotiate service from an existing municipal water system provider

These alternatives are discussed in more detail below.

2.2.1. Option 1: Stand-Alone Water System

A stand-alone water system would likely involve a minimum of three municipal supply wells. However, it is likely that significant water right protests would be filed if Dry Creek Ranch tried to obtain water rights for additional diversion volumes in the Dry Creek Valley in excess of the existing water rights appurtenant to the property. This could stall the development project for many years because the water needs for the project are equal to or greater than existing water right volumes. Also, there is no certainty that aquifers beneath the project have adequate capacity to sustain the

project. Therefore, a stand-alone water system is not considered a feasible option for Dry Creek Ranch.

2.2.2. Option 2: Outside Provider

The preferred option for obtaining a water supply is to negotiate with an existing municipal water system for water service. Three existing area water systems were considered as possible water service providers for the Dry Creek Ranch development. The providers considered were:

1. United Water Idaho
2. Eagle Water
3. City of Eagle

United Water Idaho (UWID) is the preferred provider for Dry Creek Ranch for several reasons. First, Dry Creek Ranch has no plans to request annexation into the City of Eagle. Therefore, obtaining service from the City of Eagle is not an option. Second, Eagle Water does not believe that the Public Utilities Commission would allow Eagle Water to serve Dry Creek Ranch (Personal Communication, 12/19/2005). In addition, Eagle Water does not provide the benefits of water system looping and multiple water supply feed locations that UWID can provide. Consequently, UWID was approached and has agreed to provide water service to the Dry Creek Ranch development, contingent on receiving approval from the Idaho Public Utilities Commission and successful negotiation of a special facilities agreement with the Dry Creek Ranch developer. A "will serve" letter from UWID is included in Appendix E.

It should be recognized that UWID can serve the project, whether or not on-site groundwater sources are developed for potable purposes. Therefore, the ability to serve the project does not hinge upon approval of a water right permit application or water right transfer application. UWID can serve the project from off-site sources using existing water rights if necessary. However, development of on-site ground water sources for municipal purposes should result in significantly more favorable special facilities agreement terms.

2.3. Water Balance

Water for the municipal system will be provided from on-site wells during the summer months and from UWID during the spring, fall, and winter months. Water for the pressurized irrigation system will come from reclaimed wastewater as well as a combination of ground and surface water from existing on-site water rights. The pressurized irrigation system will not be connected to UWID.

An application for a new water right is being prepared to allow a portion of the existing water rights to be used by the municipal water system. The volume and diversion rate under the new water right would allow diversion of up to 7.84 cfs or 1,764 acre-feet in combination with the existing water rights. That is, the total

allowable withdrawal volume and diversion rate authorized by existing water rights would not increase.

All of the supply for the pressurized irrigation system will come from existing water rights and instantaneous reclaimed wastewater flows. No winter storage will be provided for reclaimed wastewater. Therefore, only instantaneous wastewater flows will be available to the pressurized irrigation system. Approximately 40 to 50 percent of the annual wastewater generated each year will be discharged to infiltration basins on Dry Creek Ranch property.

Daily wastewater production is expected to be sufficient to meet all pressurized irrigation system demand in October and March. From April through September, the pressurized irrigation system will be supplemented with ground and surface water from existing water rights to meet demand.

The flow rate allowed under the existing water rights appears to be sufficient to meet the estimated fresh water demands for Dry Creek Ranch throughout the year. However, the maximum diversion volume under the existing water rights is insufficient to meet the estimated total fresh water demand (municipal and pressurized irrigation) for Dry Creek Ranch through the irrigation season (April through September). Therefore, it is recommended that Dry Creek Ranch import water from UWID to meet all municipal fresh water demand from September through May. Additional discussion and calculations can be found in Appendix F.

If on-site sources are used for the potable water system only during the peak months of June through August, the existing water rights appear to allow sufficient diversion rate and volume to meet all on-site fresh water demand. During these months, the Dry Creek Ranch water system would be self-sufficient and may be able to export surplus volume and flow to off-site UWID facilities and connections. The surplus volume could also be reserved for emergency use during off-peak months. The surplus volume is estimated at 356 acre-ft per year (116 million gallons). Additional discussion and calculations can be found in Appendix F.

2.4. Future Water Supply in Northwest Boise/Highway 55 Corridor

The water supply is limited in the northwest area of Boise. Despite this limitation, several new developments are proposed or being constructed in the area. Ensuring an adequate water supply into the future for the northwest Boise area is beyond the scope of one development and will require a regionalized, cooperative effort among all of the northwest Boise communities. We would encourage the Dry Creek Ranch development to take a proactive stance on water supply and be involved in regional water supply planning.

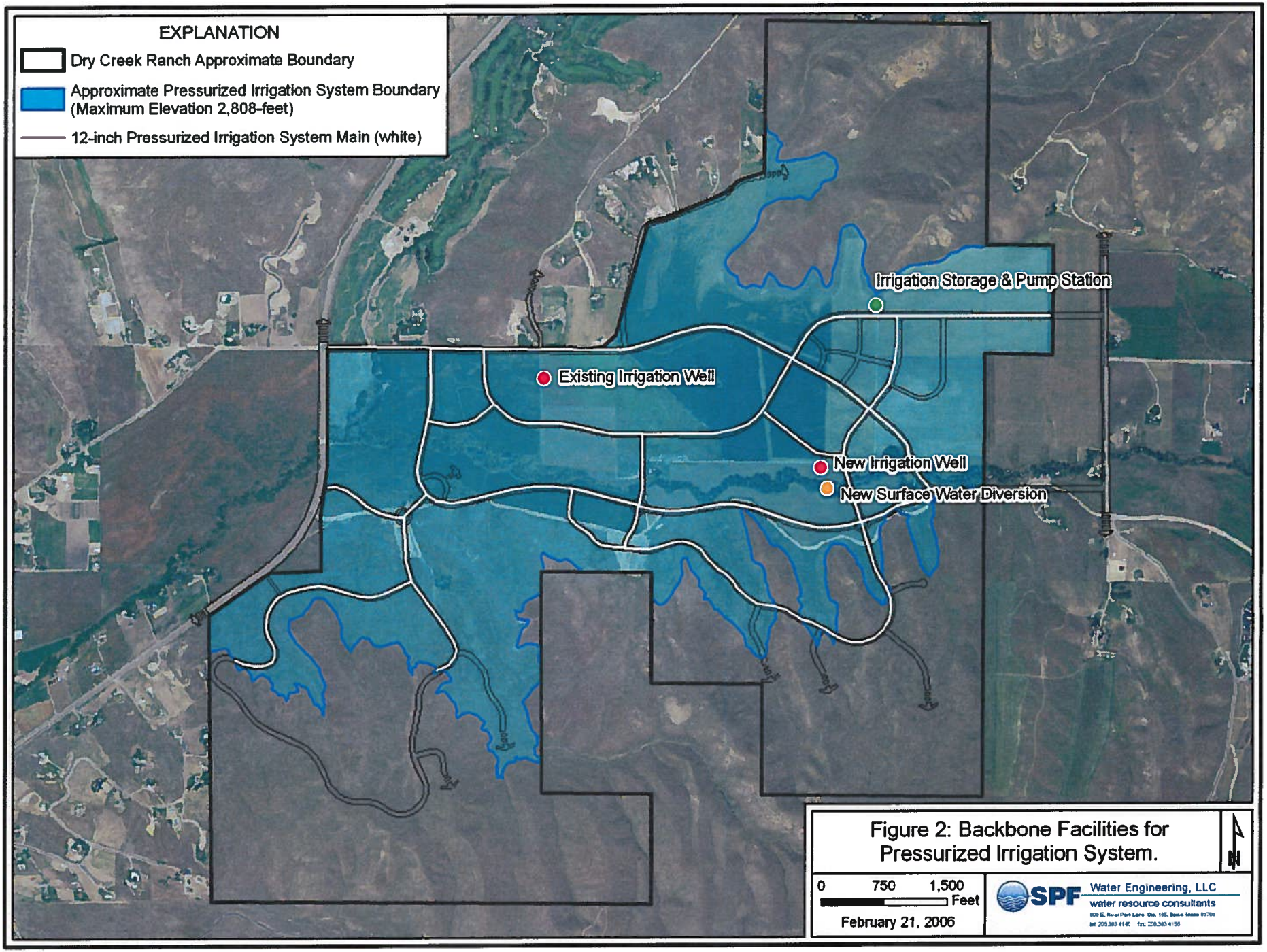
3. PRESSURIZED IRRIGATION SYSTEM

The pressurized irrigation system will be completely separate from the potable water system and will serve the lower elevations within the Dry Creek Ranch development Figure 2 shows the approximate boundary of the area to be served by the pressurized irrigation system and backbone facilities. Approximately 334 acres of landscaping within this boundary will be irrigated. Table 3 shows details of the irrigated area within the pressurized irrigation system boundary. The service area will be refined as lot layouts and the overall development layout are finalized.

Development Area	Total Acres in Pressurized Irrigation Boundary	Estimated Percent Irrigated	Estimated Irrigated Acres
S.F. Equestrian	41	80%	33
S.F. Low Hillside	77	40%	31
Institutional	102.5	70%	72
S.F. High	25.6	30%	8
S.F. High Hillside	15	30%	5
S.F. Medium	81	50%	41
S.F. Medium Hillside	58	40%	23
S.F. Low	40.3	60%	24
Mixed Use	34.6	20%	7
Multi-Family	47.5	30%	14
Commercial	12.3	30%	4
Village Center	30.4	20%	6
Utilities	10	20%	2
Parks	62	90%	56
Roadside/Trails (estimated)	10	100%	10
Total	**647.2**		**334**

Note: S.F. = Single Family

Table 3: Pressurized Irrigation Service Area


EXPLANATION
Dry Creek Ranch Approximate Boundary
Approximate Pressurized Irrigation System Boundary (Maximum Elevation 2,808-feet)
12-inch Pressurized Irrigation System Main (white)
Irrigation Storage & Pump Station
Existing Irrigation Well
New Irrigation Well
New Surface Water Diversion
Figure 2: Backbone Facilities for Pressurized Irrigation System.
0 750 1,500
Feet
February 21, 2006
SPF Water Engineering, LLC
water resource consultants

3.1. Backbone Pressurized Irrigation Facilities

The pressurized irrigation system will utilize reclaimed wastewater and existing ground and surface water rights to reduce the demand on the potable water system. The existing water rights and available water supply are discussed in more detail in Appendices A, B, C and F. To meet the irrigation demand, the irrigation system will first utilize any reclaimed wastewater available, then any surface water available (up to 800 gpm), supplemented by ground water as needed during the periods of highest demand. All sources of supply for the irrigation system will pump to an operational storage pond during off-peak hours to supplement the irrigation system during peak demand hours.

3.1.1. Reclaimed Wastewater

The Dry Creek Ranch development will discharge wastewater to an on-site wastewater treatment plant. The wastewater will be treated to Class A standards, allowing it to be used for irrigation. This reclaimed wastewater will be combined with ground water and surface water to supply the pressurized irrigation system.

All of the supply for the pressurized irrigation system will come from existing water rights and instantaneous reclaimed wastewater flows. An operational storage pond will be provided for reclaimed wastewater and ground and surface water withdrawals during off-peak hours. Approximately 40 to 50 percent of the annual wastewater generated each year will be discharged to waste. An NPDES permit or infiltration basin approval will be needed for discharging the wastewater during the winter.

It is estimated that the instantaneous wastewater flows would supply the annual average irrigation demand for 173 acres. During the peak month for irrigation demand, the wastewater flows would provide the irrigation demand for approximately 119 acres. Additional discussion and calculations can be found in Appendix A.

3.1.2. Ground and Surface Water Sources

An existing irrigation well on Dry Creek Ranch property will be rehabilitated or replaced to supply the pressurized irrigation system. Rehabilitation of the existing well might include cleaning of the well screens. A new irrigation well will also be drilled near Dry Creek in a multi-family residential zone. A new surface water diversion and pumping facility will be constructed near the new well site to utilize the existing surface water rights for the new irrigation system. Because the irrigation system is a separate, non-potable system, surface water treatment is not necessary and diverted water can be pumped directly into the pressurized irrigation system. The approximate locations of these points of diversion are shown in Figure 2. An application for transfer has been prepared to allow these new points of diversion. A copy of this application is included in Appendix G.

3.1.3. Irrigation Storage Pond

An operational storage pond will be constructed for reclaimed wastewater and ground and surface water withdrawals during off-peak hours. The pond will have a volume of approximately 20 acre feet.

3.1.4. Irrigation Pond Pump Station

A pump station will be located at the operational storage pond to pump water from the pond into the irrigation system. A maximum flow of 5,000 gpm would be provided into the irrigation system. The pump station will be equipped with 3-2,000 gpm pumps and 1-1,000 gpm pump to transfer water from the pond into the irrigation system. One of the 2,000 gpm pumps will serve as a backup such that the pumping capacity of this pump station will be 5,000 gpm with the largest pump out of service.

3.1.5. Transmission Mains

The pressurized irrigation system will consist of approximately 40,000 feet of looped 12-inch transmission mains to accommodate an estimated peak hour demand of 5,000 gpm. Because the pressurized irrigation system will serve only the lower elevations in the development, multiple pressure zones will not be needed. Pressures will range from 40 psi to 100 psi. Transmission and distribution mains for the irrigation system are anticipated to be Class 160 PVC pipe.

3.2. Irrigation Rotation

The average daily demand for the irrigation system during the month of highest demand is estimated as 2.8 MGD. If all 334 acres served by the pressurized irrigation system were irrigated during one hour, the peak hour demand would be approximately 46,000 gpm. However, the design capacity of the irrigation system is only approximately 5,000 gpm. Therefore, to ensure that the peak demand remains below the design capacity of the pressurized irrigation system, customers will be divided into 10 groups (i.e., 46,000 gpm divided by 5,000 gpm, rounded up). Each group will be assigned a two-hour time slot between 10 pm and 8 am every other day for irrigation. Five groups will be allowed to irrigate on the first day and the remaining five groups will be allowed to irrigate on the alternate day. This rotation will reduce peak demand from the irrigation system to approximately 4,600 gpm.

3.3. Cost Estimate for Backbone Irrigation Facilities

The estimated cost for the backbone irrigation facilities is $2,976,400 (does not include costs for the wastewater storage pond). A cost breakout for these facilities is shown in Table 4.

	Unit	Unit Price	Quantity	Total Price
Improve Existing Irrigation Well				
Rehabilitate (e.g., cleaning, new screens) or replace existing irrigation well	LS	$75,000	1	$75,000
New Surface Water Diversion				
Surface Water Diversion Facilities	LS	$50,000	1	$50,000
Surface Water Pumping	LS	$75,000	1	$75,000
New Irrigation Well				
New well, 12" diameter, 200 feet deep	LF	$150	200	$30,000
Pump, Piping, and Appurtenances	LS	$50,000	1	$50,000
Irrigation Pond Pump Station*				
Pump Station, 7,000 gpm at 55 psi, including building, mechanical piping, electrical equipment, and site work	LS	$500,000	1	$500,000
12" Transmission Main				
12" Pipeline and Installation	LF	$32	40,000	$1,280,000
Subtotal				**$2,060,000**
Contingency and Omissions	**%**		**20%**	**$412,000**
Subtotal				**$2,472,000**
Engineering and Construction Management Services (does not include inspection)	**%**		**15%**	**$370,800**
Construction Inspection	**%**		**5%**	**$123,600**
Permitting and Legal	**LS**			**$10,000**
Total				**$2,976,400**

*Cost estimate does not include a storage pond. Pond costs are assumed to be included in the wastewater system costs.

Notes:
1. Conceptual level cost estimates are typically considered accurate within 85% to 150%
2. No water distribution facilities are included as part of this estimate.

Table 4: Backbone Pressurized Irrigation Facilities Cost Estimate

4. BACKBONE POTABLE WATER FACILITIES

The backbone water facilities for the Dry Creek Ranch water system include an on-site municipal supply well, 2 connections to the United Water Idaho system, a storage reservoir, and 5 booster pumping stations. Due to the topography of the development site, the service area will be divided into multiple pressure zones. The backbone potable water facilities and pressure zones are shown in Figure 3 and are described in further detail in the following sections.

4.1. Source of Supply

Water for the potable water system will be supplied from a municipal ground water well on Dry Creek Ranch property and from connections with United Water Idaho. An application for a new water right is being prepared to allow a portion of the existing water rights to be used by the potable water system. The volume and diversion rate under the new water right would allow diversion of up to 7.84 cfs or 1,764 acre-feet in combination with the existing water rights. That is, the total withdrawal volume and diversion rate currently authorized would not increase.

4.1.1. On-Site Municipal Supply Well

The municipal water supply well will be drilled on Dry Creek Ranch property. The new well will be drilled near the existing "Jeker Big Pump" Well in the east-central portion of the property. The well will pump the maximum day demand of 2,108 gpm to the level of the Dry Creek Reservoir overflow. Table 5 describes the required pumping level for the new well.

Estimated Pumping Water Level in Well (ft)	Dry Creek Reservoir Overflow (ft)	TDH Added by Well Pump (ft)	TDH Added by Well Pump (psi)	Existing Ground Elevation at Well (ft)	Total TDH from Well House (psi)
2,685	2,924	239	103	2,785	60

Table 5: Design Parameters for On-Site Municipal Supply Well

Water Service Pressure Zones

Reservoir Gravity Level	psi	Feet	Elevation (feet)
Reservoir Level	N/A	N/A	2912
Minimum Service Level Pressure	45	104	2808
Maximum Service Level Pressure	100	231	2681
Lower Booster Pumping Zone			
Lower Booster Pumping Level	N/A	N/A	3039
Minimum Service Level Pressure	45	104	2935
Maximum Service Level Pressure	100	231	2808
Upper Booster Pumping Zone			
Upper Booster Pumping Level	N/A	N/A	3104
Highest Elevation Served	N/A	N/A	3000
Minimum Service Level Pressure	45	104	3000
Maximum Service Level Pressure	73	169	2935

Highway 55

Broken Horn Road

Connection to Future Broken Horn Road United Water 16-inch Water Main

Dry Creek Road

Seaman's Gulch Road

Goose Creek Road

Horseshoe Bend Road

Floating Feather Road

Connection to Existing United Water 16-inch Water Main

EXPLANATION

- Booster Pump Station With Associated ID
- Dry Creek Reservoir
- Future Pump Station / Pressure Reducing Station to connect to 16-inch Transmission Main to Avimor
- Municipal Well Site
- Pressure Reducing Valves
- 12-inch Water Transmission Main (dashed white)
- 16-inch Water Transmission Main (white)

Water Service Pressure Zones

- Reservoir Gravity Level
- Lower Booster Pumping Zone
- Upper Booster Pumping Zone

Figure 3: Dry Creek Ranch
Proposed Backbone Water Facilities
(water distribution piping not shown)

N

0 750 1,500 Feet

February 21, 2006

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Water quality testing results were obtained for the existing Jeker Big Pump Well, which draws from the same aquifer as the proposed municipal well. Water quality results were good. Arsenic levels were 0.005 mg/L, which is below the water quality standard of 0.010 mg/L. Water quality results for the existing well are included in Appendix C.

4.1.2. Horseshoe Bend Road/Floating Feather Road Connection to Existing United Water Idaho System

The initial connection to the existing United Water Idaho water system is planned for the corner of Horseshoe Bend Road and Floating Feather Road. A new 16-inch water main will be connected to the existing 16-inch water mains at this intersection. A booster pump station will be located near the intersection of Horseshoe Bend Road and Floating Feather Road to boost water to the Dry Creek Reservoir. The Floating Feather/Horseshoe Bend Road area is served from United Water's Hidden Hollow Reservoir (located along Seaman's Gulch Road). Hidden Hollow Reservoir has an invert elevation of 2,780-feet and an overflow elevation of 2,822-feet.

The booster station will be located at an approximate elevation of 2,685 feet or slightly lower. Locating the booster station at 2,685 feet would provide 41 to 59 psi of static suction pressure to the booster pumps depending on the tank level. Water system modeling will be used to determine dynamic pressure in the water mains and ensure that pressures remain above the minimum requirement of 40 psi. The booster pump station will be designed to pump the maximum daily demand for the potable water system (shown in Table 2) to Dry Creek Reservoir. A standby generator will be provided at the booster pump station to provide sufficient power to meet maximum day demand. Table 6 provides design criteria for the booster pump station.

Invert Elevation of Hidden Hollow Reservoir (ft)	Overflow Elevation of Dry Creek Reservoir (ft)	TDH Added by Pump Station (ft)	TDH Added by Pump Station (psi)	Pump Station Elevation (ft)	Total TDH from Pump Station (psi)
2,780	2,924	144	62	2,685	103

Table 6: Booster Pump Station Design Pressures

4.1.3. Future Broken Horn Road Connection to United Water Idaho System

A pump station that includes booster pumps and a pressure reducing station will be added in the future to connect to United Water's proposed 16-inch water main located east of Dry Creek Ranch. This 16-inch main is planned to connect with Hidden Springs Reservoir and extend north along Broken Horn Road from Dry Creek

Road. This connection will provide a second water supply feed for Dry Creek Ranch. Hidden Springs Reservoir has an invert elevation of 3,270 feet and an overflow elevation of 3,293 feet. The booster pumps will be sized to pump to Hidden Springs Reservoir. The pressure reducing station will reduce water pressure by 369 feet (160 psi), which equates to the difference between the elevations of the Hidden Springs Reservoir overflow (3,293 feet) and the Dry Creek Reservoir overflow (2,924 feet). It is anticipated that the booster pumps will pump a maximum flow of 2,000 gpm. This number will be reviewed with United Water Idaho during preliminary and final design. Table 7 provides design pressure criteria for the Broken Horn Road booster pump station.

Minimum Suction Elevation (ft)	Maximum Pumping Level (ft)	TDH Added by Pump Station (ft)	TDH Added by Pump Station (psi)	Pump Station Elevation (ft)	Total TDH from Pump Station
2,900	3,293	393	170	2,808	210

Table 7: Design Parameters for Future Broken Horn Road Pump Station

4.2. Pressure Zones

The Dry Creek Ranch development will require three pressure zones – a reservoir gravity level zone, a lower booster pumping zone and an upper booster pumping zone. The pressure zones and elevation ranges for each pressure zone are shown on Figure 3. The reservoir gravity level will encompass elevations from 2,681 feet to 2,808 feet, the majority of the development including the entire valley area. The lower booster pumping zone will encompass elevations from 2,808 feet to 2,935 feet. This includes a portion of the southwest corner of the development, the southeast corner of the development and the northeast portion of the single family equestrian areas. The upper booster pumping zone will serve the highest portion of the development, above an elevation of 2,935 feet. The upper zone includes a portion of the southwest corner of the development and may potentially include a small portion of the southeast corner of the development, depending on final lot layouts.

4.3. Dry Creek Reservoir

Dry Creek Reservoir will be located at an elevation of 2,900 feet. It will be sized to provide peaking storage of 200 gallons per water service connection and fire storage of 2,500 gpm for two hours. A sizing breakdown for Dry Creek Reservoir is shown in Table 8. A welded steel reservoir is recommended for this location with a total volume of 1.5 million gallons, water height of 24-feet, and a diameter of 103-feet.

Description	Volume Description	Volume (gal)
Fire Storage	2,500 gpm for 2 hours	300,000
Peaking Storage	4,800 connections @ 200 gpd	960,000
Operational Storage	20% of Fire and Peaking Storage	192,000
Total		1,452,000

Table 8: Dry Creek Reservoir Sizing

4.4. High Service Booster Pump Station #1

The first high service booster pump station will be located on the Dry Creek Reservoir site and will provide in-home and irrigation water demand and fire flows to the upper and lower booster pumping zones in the southwest corner of the development. The pumps will boost water into the upper booster pumping zone. Water will flow from the upper booster pumping zone through a pressure reducing station into the lower booster pumping zone. A standby generator will provide sufficient power to meet peak hour demand and fire flow requirements. Table 9 provides design criteria for high service booster pump station #1.

Design Flow							
Development Type Served	Dwelling Units per Acre	Acres	Total Connections Served	Peak Hour Demand per Connection (gpm/connection)	Total Peak Hour Demand (gpm)	Fire Flow (gpm)	Max Flow from Pump Station (gpm)
S.F. Low Hillside	4	66.7	267	1.5	402		
Parks	0	16			138		
Total					540	1,500	2,040
Design Pressure							
Minimum Suction Elevation (ft)	Max Pumping Level (ft)	TDH Added by Pump Station (ft)		TDH Added by Pump Station (psi)	Pump Station Elevation (ft)	Total TDH from Pump Station (psi)	
2,900	3,104	204		88	2,900	88	

Table 9: High Service Booster Pump Station #1 Design Criteria

Ideally, a storage reservoir would be constructed at an approximate elevation of 3,104 feet to serve the upper and lower booster pumping zone in this area. However, there is no location on the property within or near this service area with an elevation that is high enough for this reservoir. A parcel of state land currently located in the middle of the southern part of the Dry Creek Ranch property does have sufficient elevation for this reservoir and is located near enough to this service area. If this state land is ever purchased or traded, a reservoir could be located there to serve this area.

4.5. High Service Booster Pump Station #2

The second high service booster pump station will be located to serve the lower booster pumping zone in the southeast corner of the development. It will provide in-home and irrigation water demand and fire flows. If lots are located against the southern boundary of the Dry Creek Ranch property, the pump station will also need to be able to pump into the upper booster pumping zone. It has been assumed for the conceptual design that all water service connections will be located in the lower booster pumping zone. If they are not, the pump station discharge pressure will need to be increased slightly. A standby generator will provide sufficient power to meet peak hour demand and fire flow requirements. Table 10 provides design criteria for high service booster pump station #2.

There are other options available for serving this area that may not require a booster pump station. One option is to connect the area to the Hidden Springs distribution system. Alternatively, it could be connected to the 16-inch water main planned for Broken Horn Road that will be operating at higher pressures. These options will be explored as design progresses. A booster pump station has been assumed for the conceptual level design.

Design Flow							
Development Type Served	Dwelling Units per Acre	Acres	Total Connections Served	Peak Hour Demand per Connection (gpm/connection)	Total Peak Hour Demand (gpm)	Fire Flow (gpm)	Max Flow from Pump Station (gpm)
S.F. Low Hillside	4	96.4	386	1.5	579		
S.F. Medium Hillside	6	68.5	411	1.5	617		
S.F. High Hillside	10	32.9	329	1.5	494		
Parks	0	24			207		
Total					1,897	1,500	3,397

Design Pressure					
Minimum Suction Elevation (ft)	Max Pumping Level (ft)	TDH Added by Pump Station (ft)	TDH Added by Pump Station (psi)	Pump Station Elevation (ft)	Total TDH from Pump Station (psi)
2,900	3,074	174	75	2,808	115

Table 10: High Service Booster Pump Station #2 Design Criteria

4.6. High Service Booster Pump Station #3

The third high service booster pump station will be located to serve the upper elevations of the single family equestrian area in the northeast corner of the development. These lots fall within the elevations of the lower booster zone. This booster pump station will provide in-home and irrigation water demand and fire flows. A standby generator will provide sufficient power to meet peak hour demand and fire flow requirements. Table 11 provides design criteria for high service booster pump station #3.

Design Flow							
Development Type Served	Dwelling Units per Acre	Acres	Total Connections Served	Peak Hour Demand per Connection (gpm/connection)	Total Peak Hour Demand (gpm)	Fire Flow (gpm)	Max Flow from Pump Station (gpm)
S.F. Equestrian	2	42	84	1.5	126	1,500	1,626

Design Pressure					
Minimum Suction Elevation (ft)	Max Pumping Level (ft)	TDH Added by Pump Station (ft)	TDH Added by Pump Station (psi)	Pump Station Elevation (ft)	Total TDH from Pump Station (psi)
2,900	3,014	114	49	2,808	89

Table 11: High Service Booster Pump Station #3 Design Criteria

4.7. Backbone Potable Water Facilities Cost Estimate

The estimated cost for the backbone potable water facilities is $9,629,480. A cost breakout for these facilities is shown in Table 12.

	Unit	Unit Price	Quantity	Total Price
16" Transmission Main - Floating Feather and Horseshoe Bend Road to Dry Creek Reservoir				
16" Pipeline and Installation	LF	$75	7,950	$596,250
Easements (3,000' length, 20' wide)	AC	$50,000	1.4	$70,000
16" Transmission Main - Dry Creek Reservoir to Broken Horn Road				
16" Pipeline and Installation	LF	$75	14,000	$1,050,000
Booster Pump Station - Boost from Hidden Hollow Reservoir to Dry Creek Reservoir.				
Pump Station, 2,108 gpm at 103 psi, including building, mechanical piping, electrical equipment, and site work	LS	$500,000	1	$500,000
Standby Power, 150 kW	LS	$62,000	1	$62,000
Land Acquisition	AC	$100,000	0.5	$50,000
Future Pump Station/Pressure Reducing Station - Boost from Dry Creek Reservoir to Hidden Springs				
Pump Station, 2,000 gpm at 210 psi, including building, mechanical piping, electrical equipment, surge protection,	LS	$800,000	1	$800,000
PRV Station including mechanical piping, and electrical equipment	LS	$50,000	1	$50,000
Land Acquisition	AC	$100,000	0.5	$50,000
Dry Creek Reservoir				
1.5 Million Gallon Welded Steel Reservoir, foundation, paint coating, and inlet, outlet, and overflow piping	LS	$600,000	1	$600,000
Yard Piping, Excavation, Site Work	LS	$600,000	1	$600,000
High Service Booster Pump Station #1				
Pump Station, 2,040 gpm at 88 psi, including building, mechanical piping, electrical equipment, and site work	LS	$400,000	1	$400,000
Standby Power, 150 kW	LS	$62,000	1	$62,000
High Service Booster Pump Station #2				
Pump Station, 3,397 gpm at 115 psi, including building, mechanical piping, electrical equipment, and site work	LS	$500,000	1	$500,000
Standby Power, 250 kW	LS	$80,000	1	$80,000
High Service Booster Pump Station #3				
Pump Station, 1,626 gpm at 89 psi, including building, mechanical piping, electrical equipment, and site work	LS	$400,000	1	$400,000
Standby Power, 100 kW	LS	$53,000	1	$53,000
New Municipal Well				
New Well, 16" Diameter, 250-feet deep	LF	$275	250	$68,750
Well House and 2100 gpm vertical turbine pumping equipment	LS	$250,000	1	$250,000

Table 12: Backbone Potable Water Facilities Cost Estimate (continued on next page)

New Municipal Well				
New Well, 16" Diameter, 250-feet deep	LF	$275	250	$68,750
Well House and 2100 gpm vertical turbine pumping equipment	LS	$250,000	1	$250,000
Pressure Reducing Vaults				
Pressure Reducing Vaults, including vault, piping, and controls	LS	$50,000	2	$100,000
Communications and Controls				
SCADA, RTU's, Radios, Appurtenances	LS	$300,000	1	$300,000
Subtotal				$6,642,000
Contingency and Omissions	%		20%	$1,328,400
Subtotal				$7,970,400
Engineering and Construction Management Services (does not include inspection)	%		15%	$1,195,560
Construction Inspection	%		5%	$398,520
Permitting and Legal	LS			$65,000
Total				$9,629,480

Notes:
1. Conceptual level cost estimates are typically considered accurate within 85% to 150%
2. No water distribution facilities are included as part of this estimate.

Table 12 (continued): Backbone Potable Water Facilities Cost Estimate

5. GEOTHERMAL HEATING SYSTEM

An investigation of existing geothermal wells in the Dry Creek Ranch area suggests that a geothermal groundwater resource could be developed at the Dry Creek Ranch. The resource is found in aquifer zones located at depths of more than 500 feet with aquifer temperatures increasing as depth increases. More details on geothermal resources located on or near the Dry Creek Ranch property can be found in Appendix D.

Because the extent of the geothermal resource is unknown, a geothermal exploration well should be considered on Dry Creek Ranch property to more accurately assess the potential for geothermal resource development. The well should target a total depth of 2,500 feet. The estimated cost for a 2,500-foot geothermal exploration well, constructed with 8-inch casing set to a depth of 1,500 feet, is approximately $400,000. The probable location for a test well would be along Dry Creek Road. The well would target aquifers with temperatures ranging from 125°F to 175°F. Surface geophysical methods should be considered to help identify optimum drill site locations.

5.1. Backbone Facilities

New geothermal wells for the purpose of heating homes on the Dry Creek Ranch property would have to be at least 1000 feet deep and probably more than 2000 feet deep. The following backbone facilities would be needed for this system:

- A minimum of two production wells, with anticipated depths of 2,500 feet. The pumps would likely be equipped with vertical turbine pumps.
- A minimum of one injection well, also with anticipated depth of 2,500 feet. The injection well would be equipped with a horizontal injection pump.
- A geothermal delivery system, consisting of insulated fiberglass or heat-resistant plastic pipe. Individual taps with flow-limiting devices would supply user-owned heat-exchange systems or radiators.
- A geothermal return system, consisting of fiberglass or heat-resistant plastic pipe. The return system would parallel the delivery system, and carry spent geothermal fluids to the injection well. There would be opportunities for use of the return flows by water-to-air heat pumps prior to injection.

5.2. Heating District Cost Estimate

Cost to develop a geothermal heating district will depend on the capacity of the geothermal resource, and the resultant size of the heating district. Assuming a one-square mile district delivering water through delivery and return pipe networks

totaling 5 miles each, the total estimated cost is $7,000,000. A cost breakout for the heating district is shown in Table 13.

	Unit	Unit Price	Quantity	Total Price
Production/Injection Wells New well, 2,500 feet deep, including pump, piping and appurtenances	LS	$750,000	4	$3,000,000
Geothermal Delivery System Pipeline and Installation	LF	$60	25,000	$1,500,000
Geothermal Return System Pipeline and Installation	LF	$60	25,000	$1,500,000
Subtotal				$6,000,000
Engineering, Administration, and Contingency	LS			$1,000,000
Total*				$7,000,000

*Cost estimate may vary considerable depending on the capacity of the geothermal resource and the size of the heating district

Table 13: Geothermal Heating District Cost Estimate

6. REFERENCES

Personal Communication. Telephone conversation. Cathy Cooper with Bob DeShazo of Eagle Water. December 19, 2005.

DCRNA/JMM Water Rights Agreement

Exhibit D

Technical reports and preliminary plat applications and reports submitted to IDWR to evaluate Application 63-32423 and Transfer 73817

D-1: SPF Water Engineering, LLC's investigation of Julius Jeker's property (May 17, 2005) (approximately 262 pages, including Attachments A-M)

D-2: SPF's Conceptual Water System Report (July 18, 2006) (including Appendices A-G)

D-3: Jeker's Place Ranch Subdivision Preliminary Plat and Hillside Development application submitted to Ada County on January 12, 2007 and accepted by Ada County on April 14, 2007.

D-4: Ada County Staff Report, with exhibits, for Jeker's Place Ranch Preliminary Plat and Hillside Development prepared for the Planning and Zoning Commission dated May 22, 2008.

Appendix A:

Pressurized Irrigation System Analysis

SPF Water Engineering, LLC
water resource consultants

MEMO

To: Distribution

From: Terry Scanlan

Subject: Pressurized Irrigation System and Potable Water System Water Demand Analysis for Dry Creek Ranch Pressurized Irrigation System

Date: July 18, 2006

File: 434.0020

Summary. This memo analyzes anticipated water demands from the non-potable pressurized irrigation system and the potable water system that will serve the Dry Creek Ranch development.

1. Based on estimates of irrigated area, approximately 334 acres will be irrigated from a non-potable pressurized irrigation system and 175.6 acres will be irrigated from a potable (municipal) water system.

2. Existing water rights allow for irrigation of 392 acres from groundwater and Dry Creek sources, with a combined annual diversion volume of 1,764 acre feet.

3. If wastewater is stored for irrigation uses, without seasonal discharge to surface water or subsurface disposal sites, then approximately 499 acre feet of storage volume will be required for 4,800 equivalent residential units. Under this scenario, the water supply needed to support the Dry Creek Ranch project exceeds the volume available from local sources. Therefore, importation of municipal water supplies would be necessary to support in-home uses for approximately 5 to 6 months per year.

4. Wastewater storage is not required if wastewater is discharged to surface water or subsurface disposal sites when not needed for irrigation. However, this option will require (1) an NPDES permit or approval of a large-scale drainfield for wastewater discharge and (2) importation of municipal water supplies to support in-home uses for approximately 8 to 9 months per year to prevent diversion volumes from exceeding current water right diversion volumes.

5. We recommend that the development apply for a new groundwater permit for municipal purposes. The permit will be limited in combination with all existing Dry Creek Ranch water rights to a diversion volume of 1,764 acre feet annually and diversion rate of 7.84 cfs. Dry Creek water will be used to the extent that it is available for irrigation of up to 85 acres annually. This approach will provide

flexibility for pumping groundwater into either the potable on non-potable systems, up to an amount equivalent to historical diversion volume and consumptive use.

Details of the analysis are provided below.

Description of Pressurized Irrigation System. The pressurized irrigation system will deliver non-potable water for irrigation of residential lots, common areas, school sites, and commercial properties. Pressurized irrigation system water sources will include (1) Class A wastewater, (2) groundwater from irrigation wells, and (3) surface water from Dry Creek. The service area for the pressurized irrigation system will be the lower elevations of the development (below elevation 2,808 ft), consisting of approximately 650 acres in the valley floor. We anticipate that the irrigated area under the non-potable pressurized system will be approximately 334 acres as described in Table 1.

Existing Water Rights. The amount of wastewater available for irrigation will influence the ultimate design of both the pressurized irrigation system and the potable (municipal) water system. Water rights for the potable water system will be developed based on existing irrigation water rights. These water rights currently authorize diversion for irrigation of 392 acres, including 307 acres from groundwater only (primary groundwater rights) and 85 acres from combined Dry Creek and groundwater (supplemental groundwater rights).

Analysis of Pressurized Irrigation and Potable Water Demands. The analysis includes the following assumptions.

1. Water and wastewater demands are based on approximately 4,800 equivalent residential units, consisting of approximately 4,300 residential units and 500 equivalent units (commercial, schools, etc.).

2. Each residential unit will produce an average of 205 gallons per day of wastewater on a year-round basis. Each residential unit will require a maximum of 360 gallons of potable water each day for in home use. These estimates are based on United Water Idaho usage rates for homes with pressurized irrigation (Surprise Valley and Harris Ranch developments). The wastewater system will be designed for a higher average flow rate to meet DEQ requirements.

3. Approximately 904 equivalent residential units at elevations above 2,808 feet will receive irrigation from the potable water system. The total irrigated area from the potable water system is approximately 175.6 acres. The remaining residential units and equivalent residential units will receive irrigation from the pressurized irrigation system.

4. The irrigation requirement for landscape and turf under the pressurized irrigation system is assumed to be 85% of the equivalent irrigation requirement for alfalfa hay. Irrigation efficiency for landscape and turf under the pressurized irrigation system is assumed to be 72%. The 72% efficiency means that 72% of the

applied irrigation is consumed by the plant. The remaining 28% either evaporates or infiltrates. For purpose of water budgeting, we have assumed an even split between evaporation and infiltration losses.

5. Landscape and turf irrigation requirements will vary by month, with peak requirements of 0.305 inches per day in July. Annual requirement is 41.8 inches (3.5 af/ac) per year of which 30 inches will be consumptively used and 12 inches will be lost to deep percolation, runoff, or wind drift. Table 2 provides estimated irrigation requirements on a monthly basis for alfalfa hay, along with estimates of irrigation delivery required for landscape and turf. The monthly estimate is significant, as it shows that wastewater flows will support more acres early and late in the irrigation season when irrigation demands are low, and less acres during mid irrigation season when irrigation demands are high.

6. The area irrigated from the pressurized irrigation system will be approximately 334 acres, irrigated from wastewater and freshwater (groundwater or Dry Creek) sources. The ratio of freshwater to wastewater used for irrigation of the 334 acres will vary based on (1) the volume of treated wastewater storage and (2) the number of equivalent residential units contributing wastewater to the system. For purposes of this analysis, the irrigated area will be 334 acres each year, regardless of the number of units developed.

Treated wastewater storage volume could potentially vary from a few acre feet of operational storage (so that treated wastewater produced in excess of the instantaneous irrigation demand will be discharged to Dry Creek or to a subsurface drainfield) to complete non-irrigation season storage of all treated wastewater without discharge to Dry Creek or drainfields. These two extremes are described below.

Scenario 1 –100 Percent Winter Wastewater Storage (Zero Wastewater Discharge)

If all wastewater is stored for irrigation use, then 4800 equivalent residential units will support the irrigation demand for approximately 316 acres (Table 3). A minimum storage volume of approximately 499 acre feet would be required.

Under this scenario, existing groundwater rights would not be able to support the project. Approximately 45 percent of the annual in-home potable water requirement would need to be supplied from outside water sources. Table 4 provides an analysis of water use under this scenario.

Scenario 2 –No Winter Wastewater Storage (NPDES/Drainfield Wastewater Discharge)

If wastewater is not stored for irrigation use, 4800 equivalent residential units will support the average annual irrigation demand for approximately 173 acres. The 4800 equivalent residential units will support the peak month irrigation demand for up to 119 acres (Table 5). The irrigation source for any remaining acres under the pressurized irrigation system

will be freshwater (groundwater or surface water). Approximately 40 to 50 percent of the wastewater generated each year would be discharged to waste, with the balance used for irrigation purposes.

In this scenario with 4800 units, existing groundwater rights would not be able to support the project. Approximately 70 percent of the annual in-home potable water requirement would need to be supplied from outside water sources. Table 6 provides an analysis of water use under this scenario.

Discussion

Winter storage of wastewater is desirable to make the project water efficient. Existing water rights could be converted to support irrigation and potable demands for approximately 4800 equivalent residential units.

However, winter storage of wastewater is undesirable due to the cost of the storage facility and the associated land cost. If wastewater is not stored, then approximately 40 to 50 percent of the wastewater generated on an annual basis will be discharged to waste. Potable water will need to be imported to Dry Creek Ranch to prevent groundwater diversions from exceeding annual volumes under existing water rights.

There are probably no "in between" scenarios that make a lot of sense. If the project can discharge all non-irrigation season wastewater, then it probably makes sense to maximize discharge and minimize wastewater storage. If the project cannot discharge most of the non-irrigation season wastewater, then storage of up to 449 acre feet for irrigation use is recommended.

From a practical perspective, if United Water Idaho supplies the project, they would probably operate one or more wells at Dry Creek Ranch to produce their allowable water right volume during summer months (when the United Water system is short of capacity), and idle the wells during winter months. Winter water supply would be pumped into the area from United Water wells or surface water plants.

This analysis is based on rather broad assumptions relative to irrigated areas. Changes to these assumptions will influence the water balance for the project.

Distribution: Cathy Cooper (SPF)
Kristin Brastrup (SPF)
Brian DeHaas (WRG)
Gary Hines (WRG)
Dave Meldrum (WRG)
Dean Smith (Brown and Caldwell)

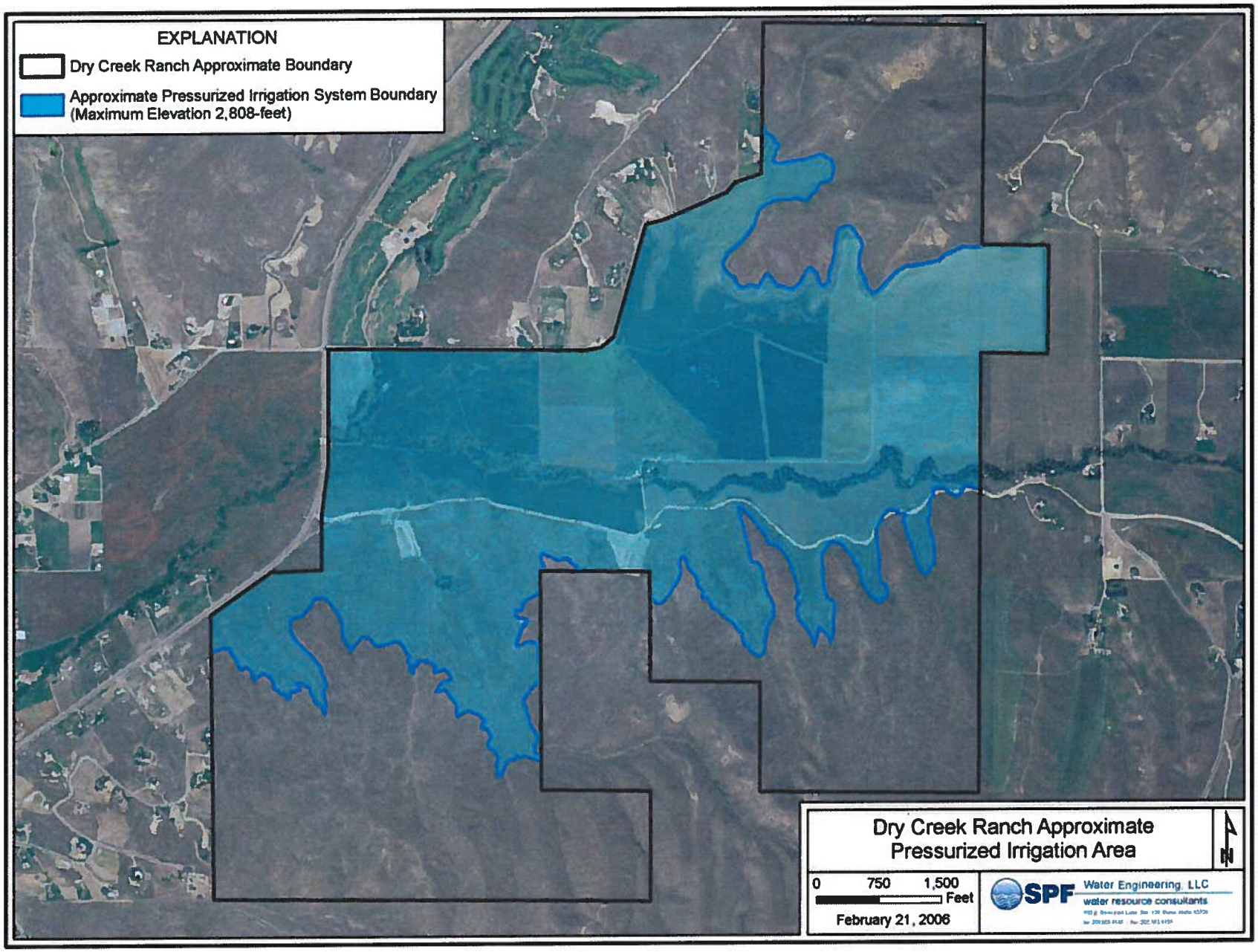

EXPLANATION
Dry Creek Ranch Approximate Boundary
Approximate Pressurized Irrigation System Boundary
(Maximum Elevation 2,808-feet)
Dry Creek Ranch Approximate
Pressurized Irrigation Area
N
0
750
1,500
Feet
February 21, 2006
SPF
Water Engineering, LLC
water resource consultants

Table 1 - Pressurized Irrigation Service Area

Development Area	Total Acres in Pressurized Irrigation Area	Estimate % Irrigated	Estimated Irrigated Acres	Irrigation Demand (3.5 feet per acre) (acre-feet)	Dwelling Unit Density (D.U. per Acre)	Total Dwelling Units Served by Pressurized Irrigation System
S.F. Equestrian	41	80%	33	114.8	2	82
S.F. Low Hillside	77	40%	31	107.8	4	308
Institutional	102.5	70%	72	251.125	0	0
S.F. High	25.6	30%	8	26.88	15	384
S.F. High Hillside	15	30%	5	15.75	10	150
S.F. Medium	81	50%	41	141.75	8	648
S.F. Medium Hillside	58	40%	23	81.2	6	348
S.F. Low	40.3	60%	24	84.63	4	161
Mixed Use	34.6	20%	7	24.22	0	0
Multi-Family	47.5	30%	14	49.875	20	950
Commercial	12.3	30%	4	12.915	0	0
Village Center	30.4	20%	6	21.28	12	365
Utilities	10	20%	2	7	0	0
Parks	62	90%	56	195.3	0	0
Roadside/Trails (estimated)	10	100%	10	35	0	0
Total	**647.2**		**334**	1169.525		3396

Table 2 - Irrigation Demand Calculations

Boise WSO AP Consumptive Use from Allen and Brockway 83 ** Monthly average daily (mm/day) and Seasonal Totals (mm) **	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
Etr (reference Et) Mean Etr mm/day)	2.17	4.29	5.91	7.65	8.29	6.72	5.24	3.38	1335
STDV Etr (mm/day)	0.31	0.38	0.46	0.47	0.32	0.4	0.44	0.32	35
<u>Alfalfa Hay</u> Mean consumptive use (mm/day)	0.76	3.67	5.41	6.61	6.73	5.11	3.68	1.45	1021
Mean irrigation requirement (mm/day)	0.22	2.93	4.63	5.86	6.56	4.84	3.33	1.04	899
Mean irrigation requirement (in/day)	0.009	0.115	0.182	0.231	0.258	0.191	0.131	0.041	35.4

Irrigation requirement adjustment for Landscape and Turf	85%	85%	85%	85%	85%	85%	85%	85%	85%
Mean irrigation requirement (in/day)	0.007	0.098	0.155	0.196	0.220	0.162	0.111	0.035	30.1
Irrigation Efficiency	72%	72%	72%	72%	72%	72%	72%	72%	72%
Application Requirement (in/day)	0.010	0.136	0.215	0.272	0.305	0.225	0.155	0.048	41.8
Application Requirement (gpd/ac)	278	3698	5843	7396	8279	6108	4203	1313	
Pressurized irrigated area (ac)	334	334	334	334	334	334	334	334	
flow rate required for PI area (gpd)	92,738	1,235,101	1,951,712	2,470,202	2,765,277	2,040,235	1,403,715	438,398	
units required at 205 gpd/unit to meet flow rate from wastewater	452	6025	9521	12050	13489	9952	6847	2139	

Table 3 - Pressurized Irrigation with Full Wastewater Storage

equivalent residential housing units	wastewater flow rate	wastewater flow rate	annual wastewater volume	annual wastewater volume	landscape irrigation demand	area irrigable from wastewater	storage volume required	irrigated area from P.I. system	area irrigated from freshwater	freshwater volume required for P.I. system
	(gpd/unit)	(gpd)	(Mgal/yr)	(af/yr)	(af/ac)	(acres)	(af)	(acres)	(acres)	(af)
4,800	205	984,000	359	1,102	3.5	316	499	334	18	61

Table 4 - Potable Water Demand Estimates Assuming Full Wastewater Storage

total equivalent residential housing units	peak day potable demand	peak day potable demand	annual potable volume	estimated residential housing units irrigating from non-potable system	estimated residential housing units irrigating from potable system	Average irrigated area per unit from potable system	Irrigated area from potable system	Annual irrigation demand from potable system	peak month irrigation demand	peak month irrigation demand	peak day demand for irrigation plus peak day potable	peak day demand for irrigation plus peak day potable	Annual demand from potable system	Annual demand from potable system	Annual Freshwater Demand for Potable and Non-Potable Systems	Existing Ground-Water Right Diversion Volume Estimate	Water Right Deficit (-) or Surplus (+)
	(gpd/unit)	(gpm)	(af/yr)			(ac)	(acres)	(af/yr)	(gpd/ac)	(gpd)	(gpd)	(gpm)	(af/yr)	(af/yr/unit)	(af/yr)	(af/yr)	(af/yr)
4,800	360	1,200	1,936	3,896	904	0.15	176	612	8,279	1,453,792	3,181,792	2,210	2,547	0.53	2,608	1,764	-844

Table 5 - Pressurized Irrigation without Wastewater Storage

equivalent residential housing units	wastewater flow rate	wastewater flow rate	annual wastewater volume	peak month irrigation demand	peak month area irrigable from wastewater	wastewater volume available for irrigation	irrigated area from wastewater source at 3.5 af/ac	wastewater volume discharged to waste	irrigated area from P.I. system	area irrigated from freshwater	freshwater volume required for P.I. system
	(gpd/unit)	(gpd)	(af/yr)	(gpd/ac)	(acres)	(af/yr)	(acres)	(af)	(acres)	(acres)	(af)
4,800	205	984,000	1,102	8,279	119	603	173	499	334	161	560

Table 6 - Potable Water Demand Estimates Assuming No Wastewater Storage

total equivalent residential housing units	peak day potable demand	peak day potable demand	annual potable volume	residential housing units irrigating from non-potable system	residential housing units irrigating from potable system	Average irrigated area per unit from potable system	Irrigated area from potable system	Annual irrigation demand from potable system	peak month irrigation demand	peak month irrigation demand	peak day demand for irrigation plus peak day potable	peak day demand for irrigation plus peak day potable	Annual demand from potable system	Annual demand from potable system	Annual Freshwater Demand for Potable and Non-Potable Systems	Existing Ground-Water Right Diversion Volume Estimate	Water Right Deficit (-) or Surplus (+)
	(gpd/unit)	(gpm)	(af/yr)			(ac)	(acres)	(af/yr)	(gpd/ac)	(gpd)	(gpd)	(gpm)	(af/yr)	(af/yr/unit)	(af/yr)	(af/yr)	(af/yr)
4,800	360	1,200	1,936	3,896	904	0.15	176	612	8,279	1,453,792	3,181,792	2,210	2,547	0.53	3,108	1,764	-1,344

Appendix B:

Water Rights Summary

SUMMARY OF DRY CREEK RANCH WATER RIGHTS

Prepared for

Land Baron Investments
8080A W. Sahara
Las Vegas, NV 89117

Prepared by

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600 East River Park Lane
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February 21, 2006

SPF Water Engineering, LLC
water resource consultants

Executive Summary

This document provides an updated summary of water rights on the Dry Creek Ranch property. The Dry Creek Ranch property includes approximately 1,407 acres located in the Dry Creek Valley in northern Ada County. A search of the IDWR online water rights database identified nine water rights appurtenant to the Dry Creek Ranch property, formerly owned by Julius Jeker. A review of these water rights revealed the following:

1. Five water rights list irrigation as a use and represent a total maximum diversion rate of 7.84 cubic feet per second (cfs) or approximately 3519 gallons per minute (gpm) for irrigation of 392 acres. Annual diversion volume for 392 acres (at 4.5 acre feet per acre) is 1,764 acre feet. Three other rights represent a total maximum diversion rate of 0.12 cfs or approximately 54 gpm for domestic and stockwater uses.

2. It appears that ground water is the only source of irrigation on approximately 307 acres. Ground water is supplemented by surface water from Dry Creek (or vice versa) on approximately 85 acres.

3. Three of the Jeker water rights have received partial decrees (63-17451, 63-17452, and 63-17453) in the Snake River Basin Adjudication (SRBA). IDWR has presented its recommendation to the SRBA Court for claims filed on 63-2535, 63-4023B, 63-4086B, 63-7123, 63-17454 and 63-17455. All of these claims are recommended favorably except for 63-17455, which is recommended to be disallowed. At this time, IDWR's recommendations are open to objections. The end of the objection period is April 16, 2006. The chances of decree for these rights appear to be good, but there are no guarantees that the recommended rights will ultimately be decreed.

4. An enlargement claim will soon be filed with a potential to increase the allowable irrigated area from 392 to 404 acres.

5. A substantial portion of these water rights have not been used since 1994. However, forfeiture from non-use has been suspended while the Snake River Basin Adjudication (SRBA) claims are pending.

6. Use of the rights will need to resume within five years following decrees through the SRBA to avoid forfeiture unless other measures are taken to protect rights.

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1. INTRODUCTION

This document provides an updated summary of water rights on the Dry Creek Ranch property, formerly owner by Julius Jeker. The review is based on previous investigations into water rights on this property, and is updated to reflect the Director's Reports recently filed by the Idaho Department of Water Resources (IDWR) with the Snake River Basin Adjudication (SRBA) court.

2. WATER RIGHTS SEARCH

The Dry Creek Ranch property is located in the Dry Creek Valley in northern Ada County. The property includes approximately 1407 acres (based on tax lot data) in T5N R1E Sections 25, 35, 36; T4N R1E Sections 1 and 2; and T5N R2E Section 30 . The subject property parcels were identified by John Starr (Colliers International), and were plotted based on property listed in the Ada County tax-lot GIS database under the name of Julius Jeker (Figure 1).

The water rights review began with a search of the IDWR online water rights database. The search criteria consisted of water rights listed (1) under the name of Julius Jeker and (2) by the quarter-quarter sections fully or partially owned by Julius Jeker.

The IDWR database lists four beneficial use claims (63-4023, 63-4086, 63-17454 and 17455), two licensed rights (63-2535 and 63-7123), and three decreed rights (63-17451, 63-17452, and 63-17453) under the name of Julius Jeker (Table 1). These rights are used for irrigation, stockwater, and domestic purposes. The places of use and points of diversion for each of the rights are shown in Figures 2 through 9. Information for individual water rights is provided in Appendices A and B.

A search for water rights in the quarter-quarters listed as Jeker property included an additional eight water rights listed under different names. These rights appear to be associated with properties adjacent to the Jeker property. All of these except one (63-10235) list domestic uses as at least one of the recognized beneficial uses.

Individual water rights are summarized in the following sections.

Number	Basis	Priority Date	Maximum Diversion Rate (cfs)	Water Uses	Acres Irrigated	Volume Limit	Season of Use	Source	Status
63-2535	License	8/24/1937	0.7	Irrigation	35	157.5 afa[1]	3/1-11/15	Ground Water	Pending partial decree (Director's Report filed)
			0.02	Domestic			1/1-12/31		
Total Maximum Diversion Rate (cfs):			0.7						
63-4023B	Beneficial use	7/1/1927	3	Irrigation	180	810 afa[1]	3/1-11/15	Ground Water	Pending partial decree (Director's Report filed)
			0.04	Stockwater		13,000 gpd	1/1-12/31		
Total Maximum Diversion Rate (cfs):			3						
63-4086B	Beneficial use	7/20/1960	5	Irrigation	359	1615.5 afa[1,2]	3/1-11/15	Ground Water	Pending partial decree (Director's Report filed)
63-7123	License	7/11/1968	0.79	Irrigation	351	1615.5 afa[1,2]	4/1-10/31[3]	Ground Water	Pending partial decree (Director's Report filed)
63-17451	Decreed	5/20/1944	0.01	Domestic		13,000 gpd	1/1-12/31	Ground Water	Partial decree (5/17/01)
63-17452	Decreed	7/1/1927	0.04	Domestic		13,000 gpd	1/1-12/31	Ground Water	Partial decree (5/17/01)
63-17453	Decreed	10/25/1974	0.07	Stockwater		13,000 gpd	1/1-12/31	Ground Water	Partial decree (5/17/01)
63-17454	Beneficial use	3/20/1938	1.7	Irrigation	85		3/1-11/15	Dry Creek	Pending partial decree (Director's Report filed)
63-17455	Beneficial use	5/20/1930	0.34	Irrigation	17.1		3/15-11/15	Ground Water	Disallowed (no beneficial use found)
			0.07	Stockwater			1/1-12/31		
Total Maximum Diversion Rate (cfs):			0.41						

[1] Water rights 63-2535, 63-4023B, 53-4086B, 63-7123, and 63-17454 are together limited to a combined diversion rate of 7.84 cfs and to the irrigation of 392 acres.

[2] Rights 63-4086B and 63-7123 are together limited to a combined diversion rate of 5.79 cfs, a combined annual diversion volume of 1615.5 acre-feet, and to the irrigation of 359 acres.

[3] The use of water for irrigation under this right may begin as early as March 1 and may continue to as late as November 15, provided other elements of the right are not exceeded. The use of water before April 1 and after October 31 under this remark is subordinate to all water rights having no subordinated early or late irrigation use and a priority date earlier than the date a partial decree is entered for this right.

Table 1: Dry Creek Ranch Water Right Summary

2.1. Water Right 63-2535

Water right 63-2535 (Figure 2) is recommended for a maximum ground water diversion rate of 0.70 cfs (314 gpm) for irrigation and domestic uses under a priority date of August 24, 1937. Originally owned by Karl Paine, this right lists one point of diversion in the NENE of Section 35 in T5N R1E. The right lists a place of use covering a total of 35 acres in the quarter-quarters listed in Table 2.

2.2. Water Right 63-4023B

Water right 63-4023B (Figure 3) is recommended for a maximum ground water diversion of 3.0 cfs (1,346 gpm) for irrigation and stockwater uses under a priority date of July 1, 1927. The right covers 180 acres in T5N R1E Sections 35 and 36 (Table 2). The right lists one well as a point of diversion in the NENE of Section 35 (T5N R1E) and three wells in the NENW, SWNW, and SENW quarter-quarters (respectively) of Section 36 (T5N R1E).

2.3. Water Right 63-4086B

Water right 63-4086B (Figure 4) is recommended for a maximum ground water diversion rate of 5.0 cfs (2,244 gpm) for irrigation under a priority date of July 20, 1960. The right lists one point of diversion in the NENE of Section 36 in T5N R1E. The right lists a place of use covering a total of 359 acres as shown in Table 2.

2.4. Water Right 63-7123

Water right 63-7123 (Figure 5) is a licensed ground water right for irrigation with a maximum ground water diversion rate of 0.79 cfs (355 gpm) under a priority date of July 11, 1968. The right lists a place of use covering a total of 351 acres as shown in Table 2. The right lists one point of diversion in the NENE of Section 36 in T5N R1E.

Rights 63-7123 and 63-4086B are together recommended with a volume limit of 1,615.5 acre-feet per year (afa) for the irrigation of 359 acres.

2.5. Water Right 63-17451

Water right 63-17451 (Figure 6) is a domestic ground water right for 0.01 cfs (4.5 gpm) with a priority date of May 20, 1944. The point of diversion and place of use is in the SENW of Section 36 in T5N R1E. A partial decree was issued as part of the SRBA for this right on May 17, 2001 (see Appendix B). The right lists a maximum diversion volume of 13,000 gallons per day (gpd), although the listed diversion rate could only produce 6,480 gpd.

Number	Quarter			NE ¼				NW ¼				SW ¼				SE 1/4				Total Irrigated Acres
	Twp	Rge	Sec	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	
63-2535 (irrigation, domestic)																				
Point of Diversion	05N	01E	35	POD																
Place of Use	05N	01E	35	20	10	5														35
Total irrigated acres																				35
63-4023B (irrigation, stockwater)																				
Point of Diversion	05N	01E	35	POD																
Point of Diversion	05N	01E	36					POD		POD	POD									
Place of Use	05N	01E	35	35	30	18	12													95
Place of Use	05N	01E	36					15	40	20	10									85
Total irrigated acres																				180
63-4086B (irrigation)																				
Point of Diversion	05N	01E	36	POD																
Place of Use	05N	01E	25											5	4					9
Place of Use	05N	01E	25															22	31	53
Place of Use	05N	01E	35	15	21	13	13													62
Place of Use	05N	01E	36	38	40	20	8													106
Place of Use	05N	01E	36					39	39	17	11									106
Place of Use	05N	02E	30											23						23
Total irrigated acres																				359
63-7123 (irrigation)																				
Point of Diversion	05N	01E	36	POD																
Place of Use	05N	01E	25												4					4
Place of Use	05N	01E	25															22	31	53
Place of Use	05N	01E	35	15	21	13	13													62
Place of Use	05N	01E	36	38	40	20	8													106
Place of Use	05N	01E	36					39	39	17	11									106
Place of Use	05N	02E	30											20						20
Total irrigated acres																				351

Note: Numbers listed under quarter-quarters represent irrigated acres.

Table 2: Points of Diversion and Places of Use

Number	Quarter			NE ¼				NW ¼				SW ¼				SE 1/4				Total Irrigated Acres
	Twp	Rge	Sec	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	
63-17451 (domestic)																				
Point of Diversion	05N	01E	36								POD									
Place of Use	05N	01E	36								D									
Total irrigated acres																				n/a
63-17452 (domestic)																				
Point of Diversion	05N	01E	36							POD										
Place of Use										D										
Total irrigated acres																				n/a
63-17453 (stockwater)																				
Point of Diversion	05N	01E	25													POD				
Place of Use																S				
Total irrigated acres																				n/a
63-17454 (irrigation)																				
Point of Diversion	05N	02E	31					POD												
Place of Use	05N	01E	25																26.5	26.5
Place of Use	05N	01E	36	35.5																35.5
Place of Use	05N	02E	30											23						23
Total irrigated acres																				85

Note: Numbers listed under quarter-quarters represent irrigated acres.

Table 2 (continued): Points of Diversion and Places of Use

2.6. Water Right 63-17452

Water right 63-17452 (Figure 7) is a domestic ground water right for 0.04 cfs (18 gpm) with a priority date of July 1, 1927. The point of diversion and place of use listed as the SWNW of Section 36 in T5N R1E. A partial decree was issued as part of the SRBA for this right on May 17, 2001 (see Appendix B). The right has a maximum diversion volume of 13,000 gpd.

2.7. Water Right 63-17453

Water right 63-17053 (Figure 8) is a right for 0.07 cfs (31 gpm) of ground water for stockwater purposes with a priority date of October 25, 1974. The right is limited to a maximum of 13,000 gpd. The right received a partial decree in the SRBA on May 17, 2001 (see Appendix B).

2.8. Water Right 63-17454

The IDWR water rights database lists a beneficial use claim and recommendation under water right 63-17454 (Figure 9) for the use of surface water from Dry Creek to irrigate 85 acres. The priority date for this claim is March 20, 1938. The right has a maximum diversion of 1.7 cfs (763 gpm) when water is available.

2.9. Water Right 63-17455

IDWR has recommended that the claim described by 63-17455 be disallowed. The beneficial use claim lists a maximum diversion rate of 0.41 cfs (184 gpm) of ground water for irrigation and stockwater uses under a priority date of May 20, 1930. The claim lists one point of diversion in the SWNE of Section 35 in T5N R1E. and a place of use covering a total of 17.1 acres. IDWR has recommended the claim be disallowed because they did not receive sufficient evidence to support recommending the claim and documenting that the claimed beneficial use had been developed. The acres listed in this claim are included in other claims that are being recommended.

2.10. Enlargement Claim

During a recent review of the Dry Creek Ranch property, it became apparent that some lands appearing irrigated per 1987 imagery were not included in any of Julius Jeker's claims to water rights (Figure 10). Pursuant to Idaho Code §42-1426, an enlargement claim will soon be filed listing 0.24 cfs (108 gpm) of ground water for

irrigation of 12 acres under a March 1, 1987 priority date. If approved, we anticipate this claim will authorize an additional 12 acres of irrigation and 54 acre-feet per year diversion volume. The anticipated recommendation should list a diversion rate of 0.24 cfs, but in reality no additional flow will be authorized and the total diversion rate will continue to be limited to 7.84 cfs.

3. WATER RIGHTS ISSUES

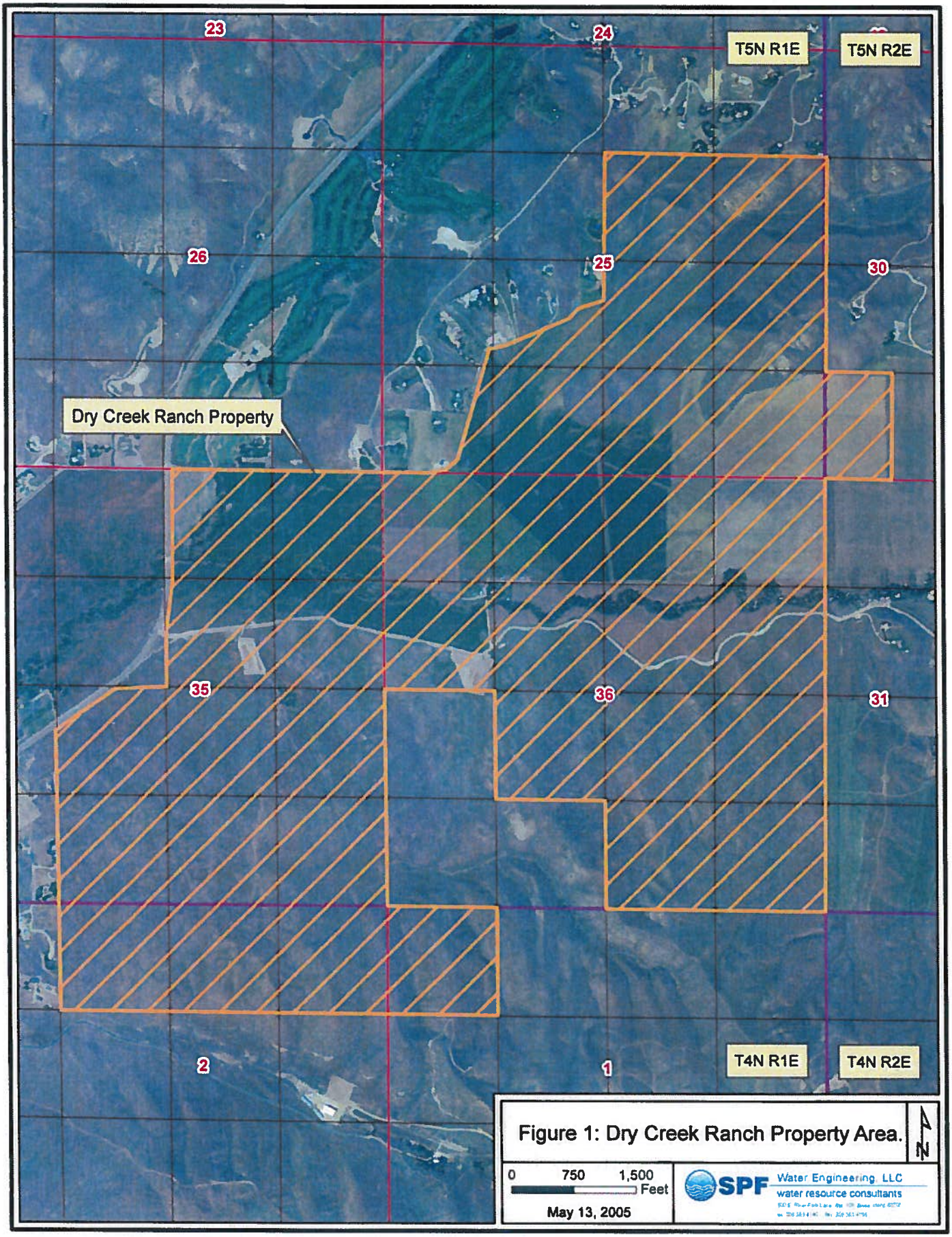
3.1. Snake River Basin Adjudication (SRBA)

The SRBA is an adjucation of all water rights in the Snake River Basin. This applies to these water rights because the Dry Creek valley is within the Snake River basin.

Three of the Jeker water rights have received partial decrees (63-17451, 63-17452, and 63-17453). Claims filed for 63-2535, 63-4023B, 63-4086B, 63-7123, and 63-17454 have received Director's Report recommendations to the SRBA court for decree; claim 63-17455 is recommended to be disallowed.

3.2. Risk of Forfeiture

A water right may be at risk of forfeiture if not used for a period of five years. An extension may be granted for a longer period of non-use (typically an additional five years). Extensions of time to avoid forfeiture on water rights 63-2535, 63-4023, 63-4086, and 63-7123 were granted on January 27, 2000. The extensions expired on November 1, 2004. However, an SRBA court ruling after January 27, 2000 determined that the "forfeiture clock" is stopped for claims pending in the adjudication. The "clock" stopped on the date that the claims were filed. Claims were filed for 63-2535, 63-4023, 63-4086, and 63-7123 between August 11, 1989 and August 15, 1989. The water rights were actively being used in 1987 and 1994. The risk of forfeiture of these rights during the SRBA is therefore low. Water use must resume within five years of issuance of a partial decree.


23
24
T5N R1E
T5N R2E
26
25
30
Dry Creek Ranch Property
35
36
31
2
1
T4N R1E
T4N R2E
Figure 1: Dry Creek Ranch Property Area.
N
0
750
1,500
Feet
May 13, 2005
SPF
Water Engineering, LLC
water resource consultants

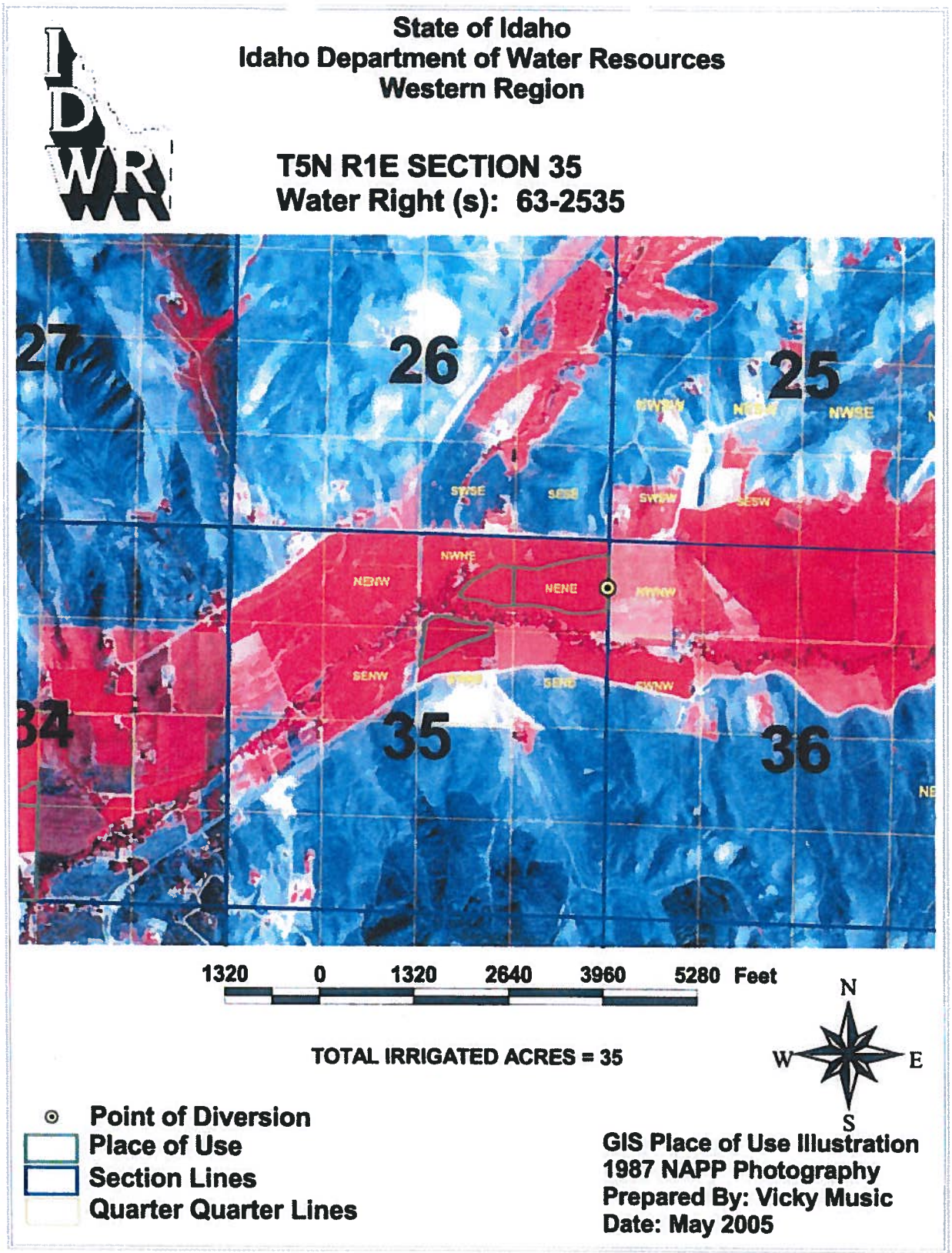


Figure 2. Preliminary Recommendation for Water Right 63-2535

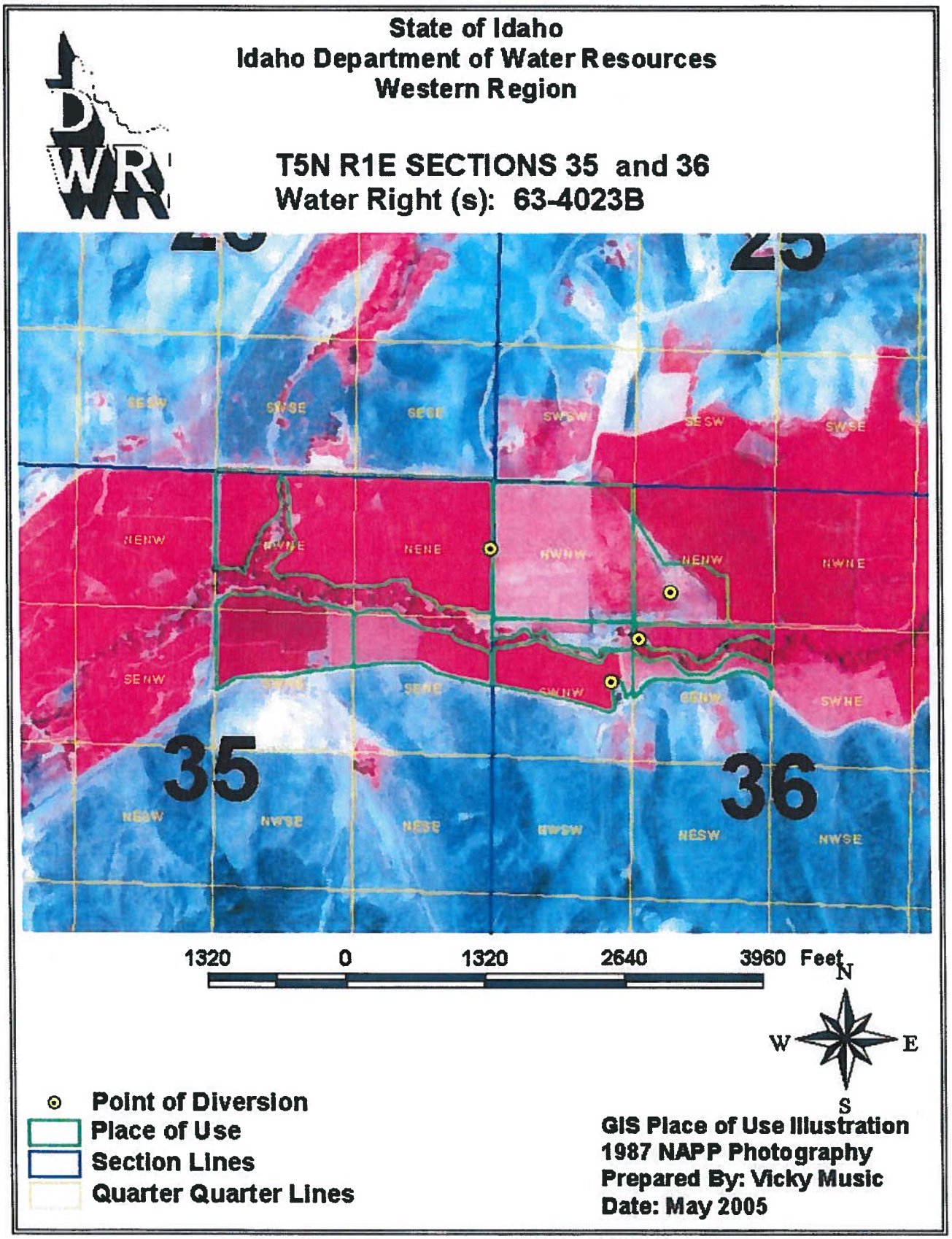


Figure 3. Preliminary Recommendation for Water Right 63-4023B

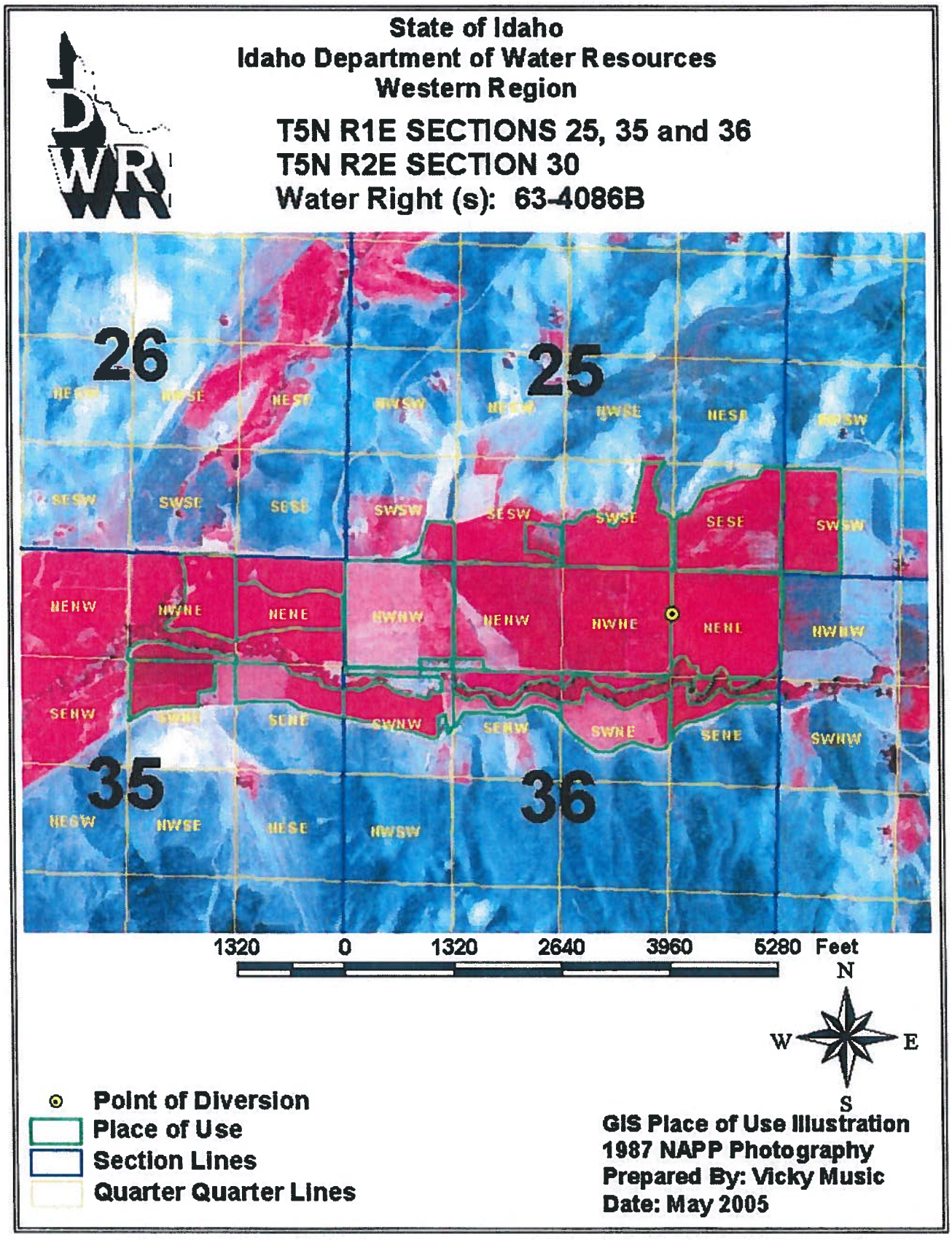


Figure 4. Preliminary Recommendation for Water Right 63-4086B

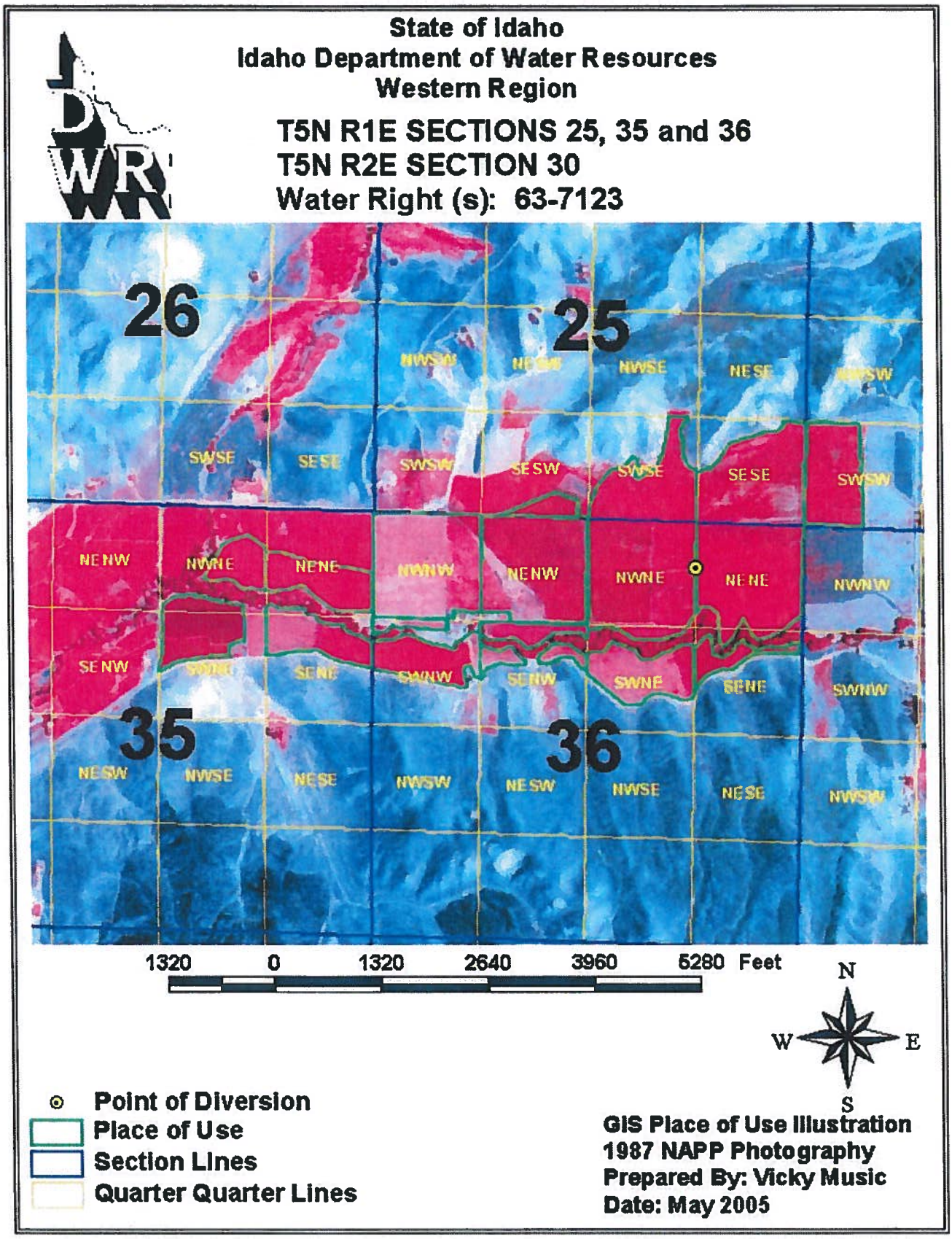
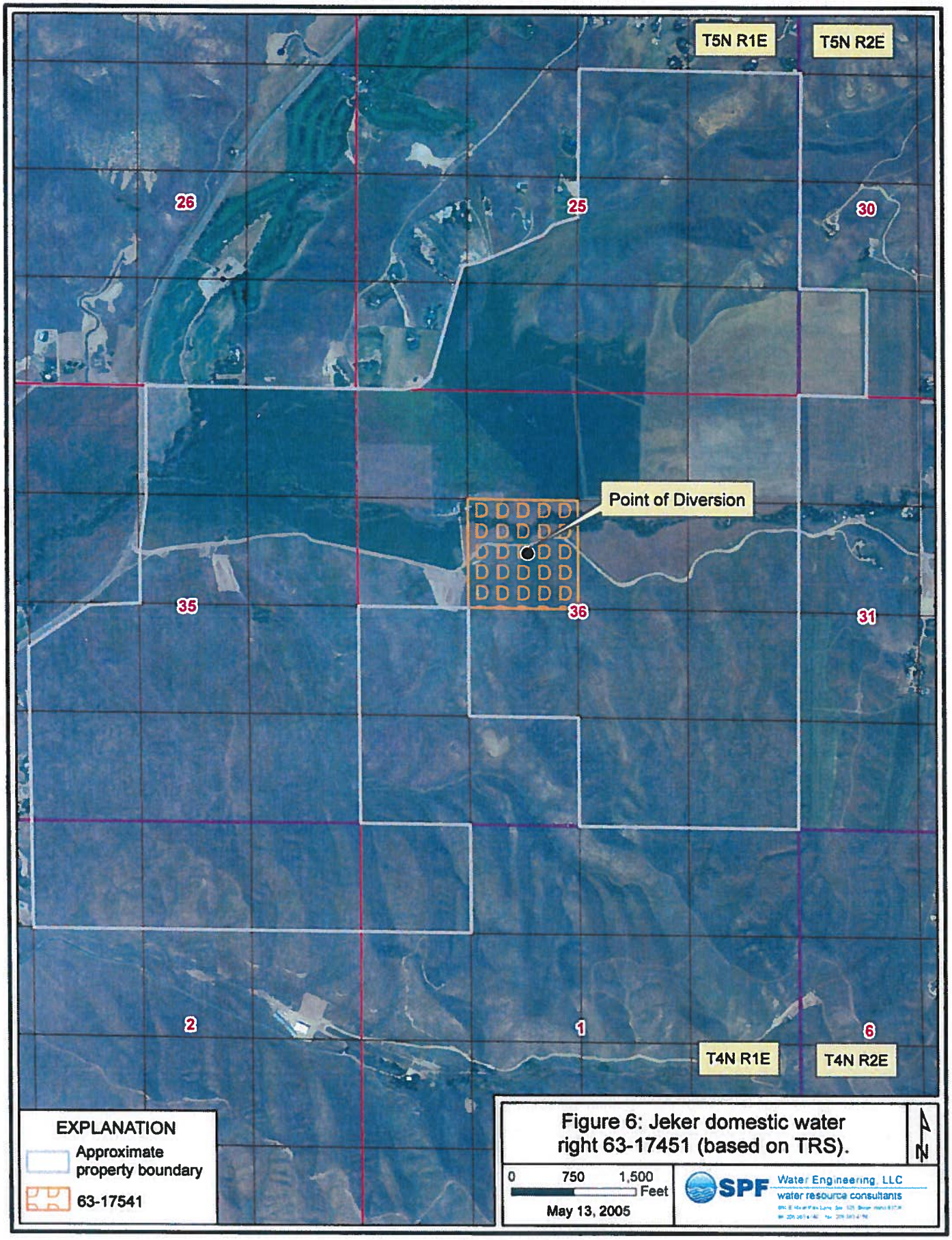
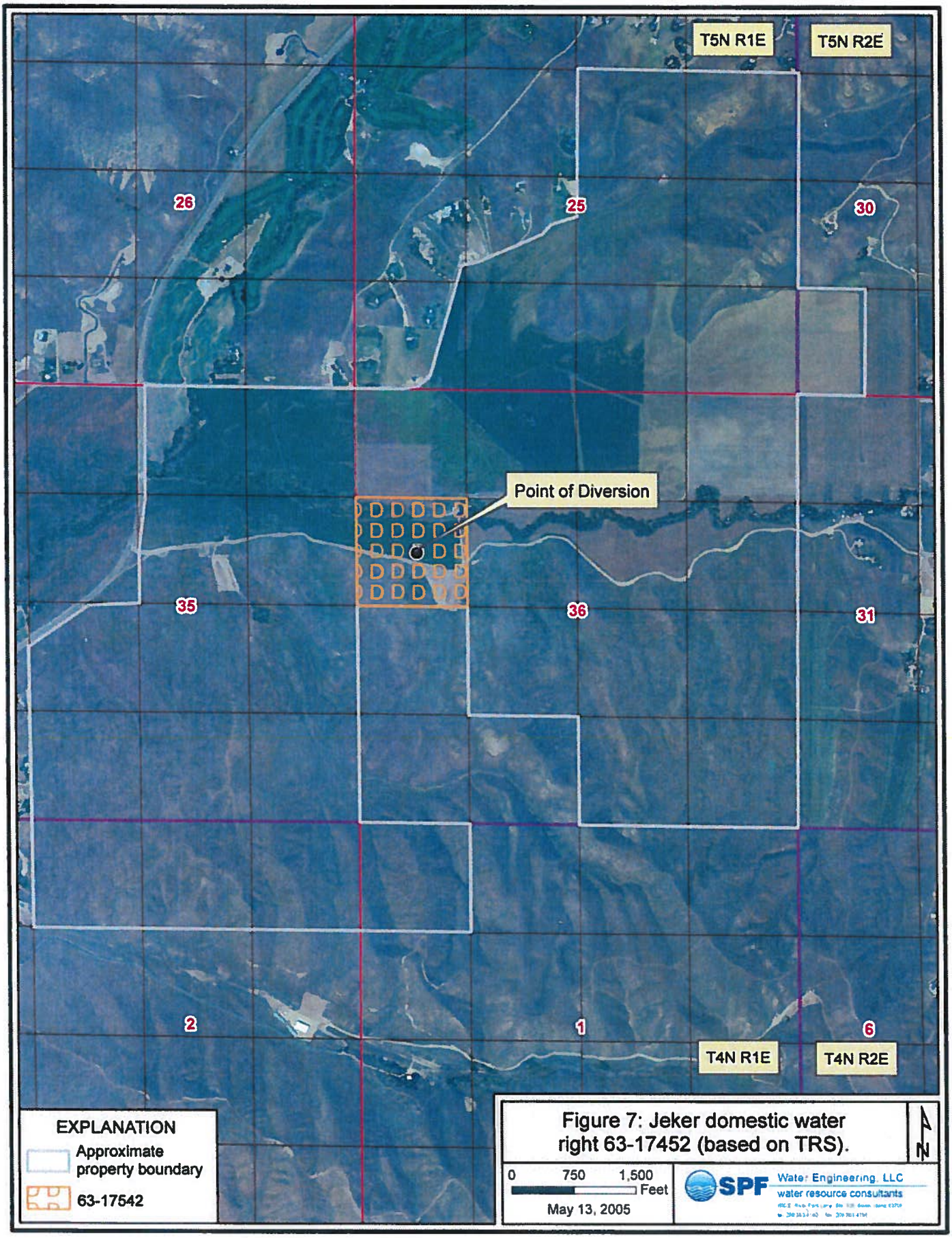
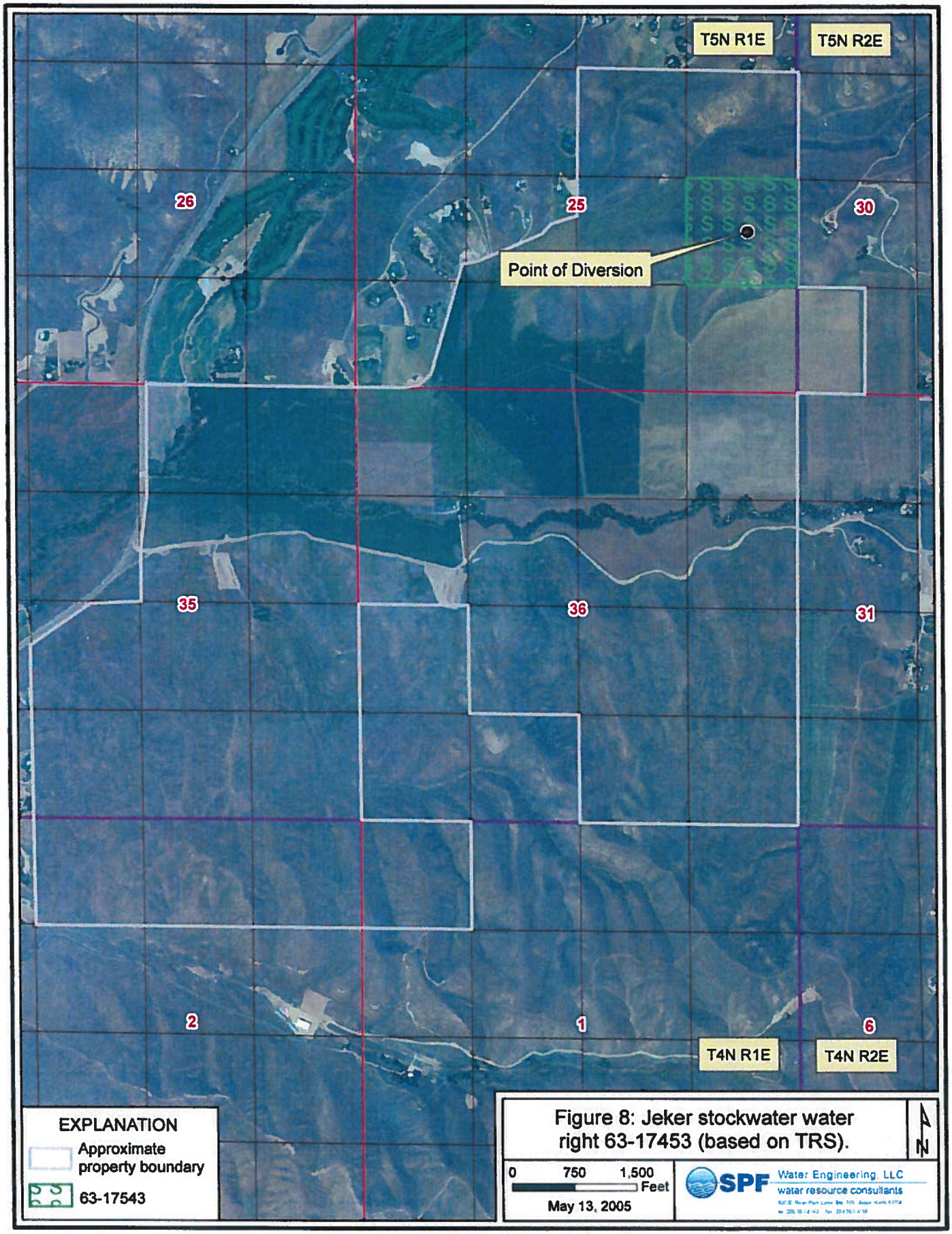


Figure 5. Preliminary Recommendation for Water Right 63-7123


T5N R1E
T5N R2E
26
25
30
Point of Diversion
35
36
31
2
1
6
T4N R1E
T4N R2E
EXPLANATION
Approximate property boundary
63-17541
Figure 6: Jeker domestic water right 63-17451 (based on TRS).
N
0
750
1,500
Feet
May 13, 2005
SPF
Water Engineering, LLC
water resource consultants


T5N R1E
T5N R2E
26
25
30
Point of Diversion
35
36
31
2
1
6
T4N R1E
T4N R2E
EXPLANATION
Approximate property boundary
63-17542
Figure 7: Jeker domestic water right 63-17452 (based on TRS).
N
0
750
1,500
Feet
May 13, 2005
SPF
Water Engineering, LLC
water resource consultants


T5N R1E
T5N R2E
26
25
30
Point of Diversion
35
36
31
2
1
6
T4N R1E
T4N R2E
EXPLANATION
Approximate property boundary
63-17543
Figure 8: Jeker stockwater water right 63-17453 (based on TRS).
N
0
750
1,500
Feet
May 13, 2005
SPF Water Engineering, LLC
water resource consultants

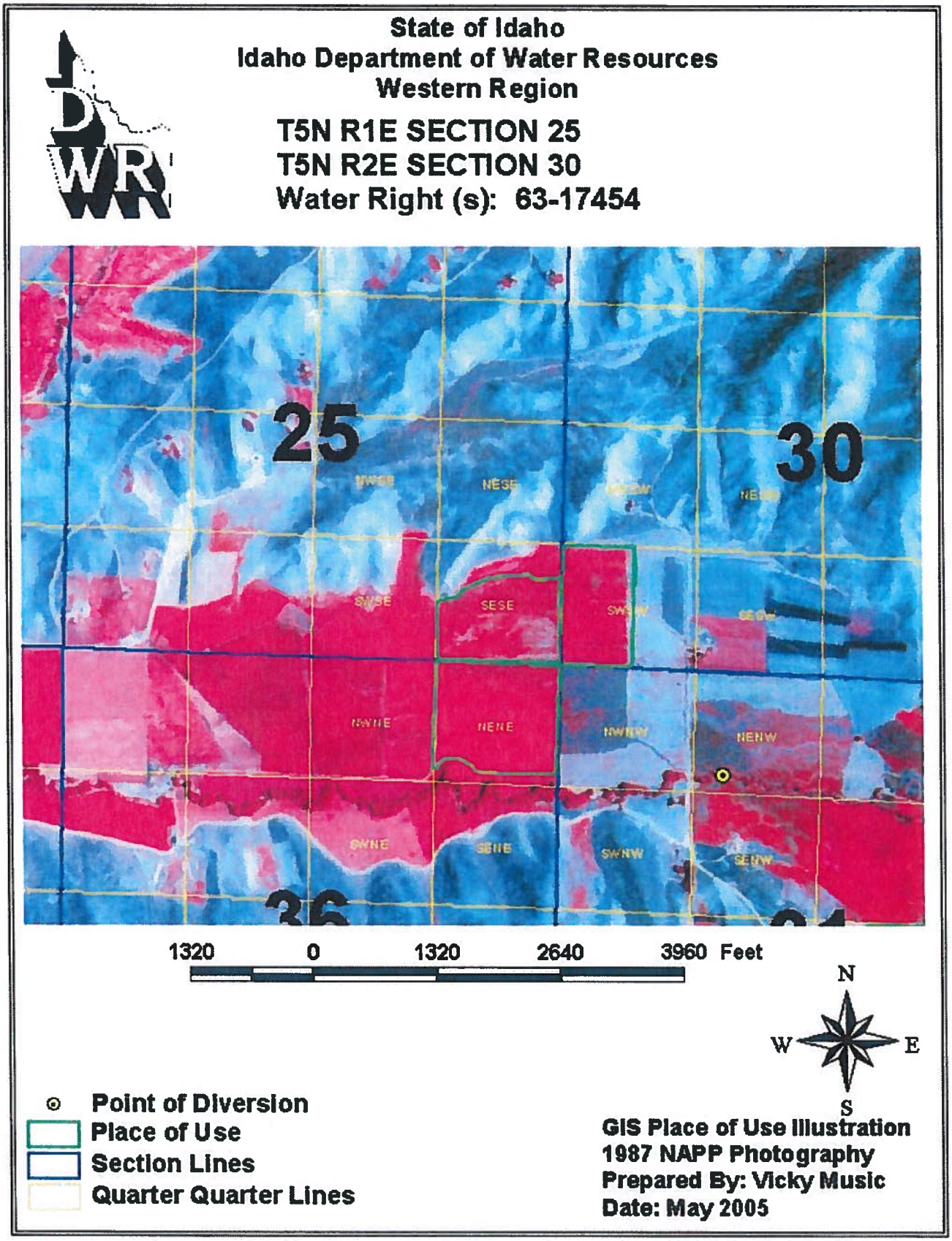


Figure 9. Preliminary Recommendation for Water Right 63-17454

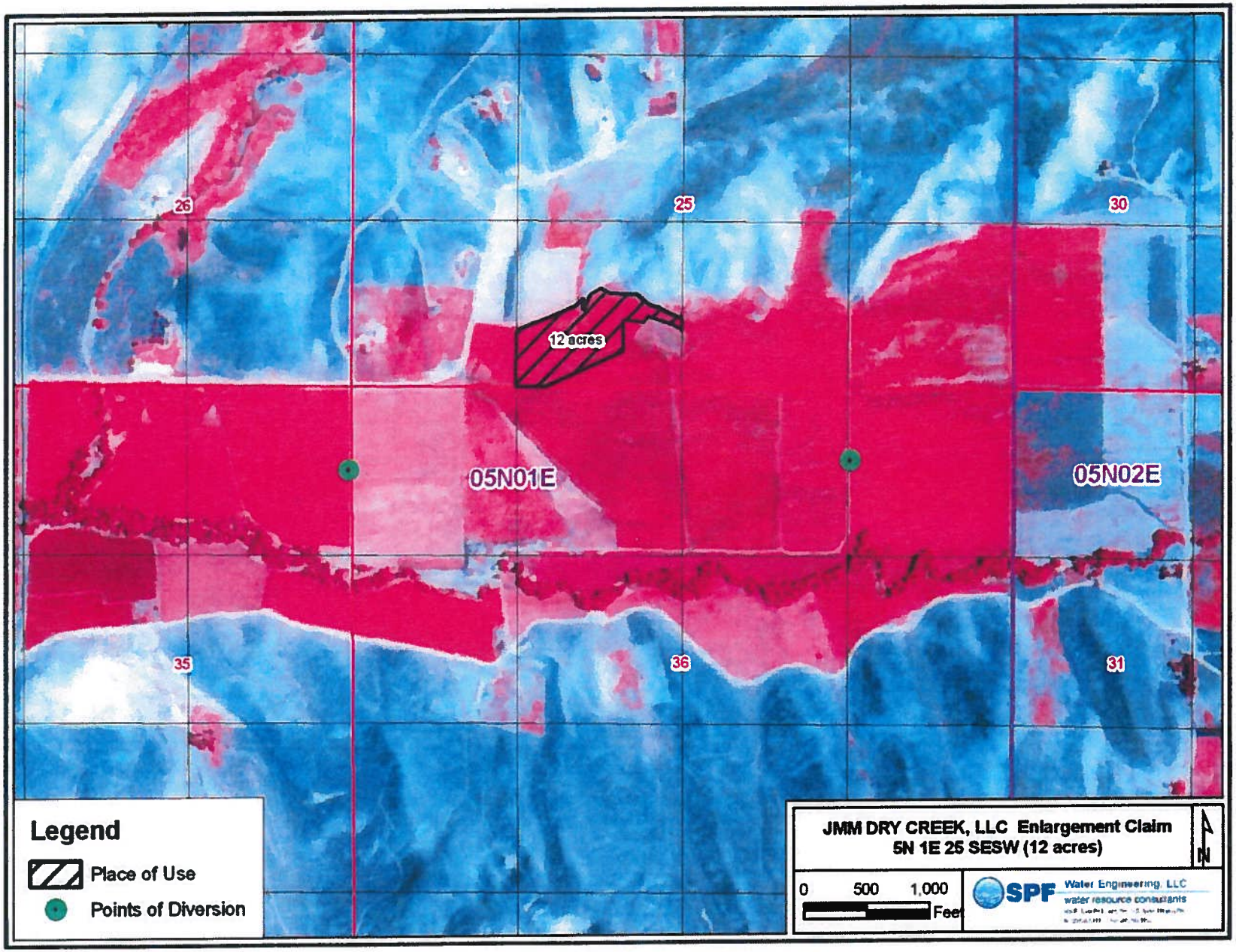


Figure 10. Enlargement Claim

APPENDIX A

DIRECTOR'S REPORT EXCERPTS

IDAHO DEPARTMENT OF WATER RESOURCES
RECOMMENDED WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 63-2535

NAME AND ADDRESS: JULIUS JEKER
6598 DRY CREEK RD
BOISE ID 83703

SOURCE: GROUND WATER TRIBUTARY:

QUANTITY: 0.700 CFS
157.50 AFY

Use of this right with rights listed below is limited to a total combined diversion rate of 7.84 cfs. Combined Right Nos.: 63-4023B, 63-4086B, 63-7123 and 63-17454.

PRIORITY DATE: 08/24/1937

POINT OF DIVERSION: T05N R01E S35 NENE Within ADA County

PURPOSE AND PERIOD OF USE:

PURPOSE OF USE	PERIOD OF USE	QUANTITY
DOMESTIC	01/01 12/31	0.020 CFS
IRRIGATION	03/01 11/15	0.700 CFS 157.50 AFY

PLACE OF USE: IRRIGATION Within ADA County

T05N R01E S35	NENE	20.00	T05N R01E S35	NWNE	10.00
T05N R01E S35	SWNE	5.00			

DOMESTIC same as IRRIGATION

35 ACRES TOTAL

Use of this right with the rights listed below is limited to the irrigation of a combined total of 392 acres in a single irrigation season. Combined Right Nos.: 63-4023B, 63-4086B, 63-7123 and 63-17454.

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

EXPLANATORY MATERIAL: BASIS OF CLAIM - License

IDAHO DEPARTMENT OF WATER RESOURCES
RECOMMENDED WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 63-4023B

NAME AND ADDRESS: JULIUS JEKER
6598 DRY CREEK RD
BOISE ID 83703

SOURCE: GROUND WATER TRIBUTARY:

QUANTITY: 3.000 CFS
810.00 AFY

Use of this right with rights listed below is limited to a total combined diversion rate of 7.84 cfs. Combined Right Nos.: 63-2535, 63-4086B, 63-7123 and 63-17454.

The quantity of water under this right for stockwater use shall not exceed 13,000 gallons per day.

PRIORITY DATE: 07/01/1927

POINT OF DIVERSION: T05N R01E S35 NENE Within ADA County
T05N R01E S36 NENW Within ADA County
T05N R01E S36 SWNW Within ADA County
T05N R01E S36 SENW Within ADA County

PURPOSE AND PERIOD OF USE:

PURPOSE OF USE	PERIOD OF USE	QUANTITY
IRRIGATION	03/01 11/15	3.000 CFS 810.00 AFY
STOCKWATER	01/01 12/31	0.040 CFS

PLACE OF USE: IRRIGATION Within ADA County

T05N R01E S35	NENE	35.00	T05N R01E S35	NWNE	30.00
T05N R01E S35	SWNE	18.00	T05N R01E S35	SENE	12.00
T05N R01E S36	NENW	15.00	T05N R01E S36	NWNW	40.00
T05N R01E S36	SWNW	20.00	T05N R01E S36	SENW	10.00

STOCKWATER same as IRRIGATION

180 ACRES TOTAL

Use of this right with the rights listed below is limited to the irrigation of a combined total of 392 acres in a single irrigation season. Combined Right Nos.: 63-4023B, 63-4086B, 63-7123 and 63-17454.

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

The quantity of water decreed for this water right for stockwater use is not a determination of historical beneficial use.

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use

Stockwater use is for 400 range cattle.

IDAHO DEPARTMENT OF WATER RESOURCES
RECOMMENDED WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 63-4086B

NAME AND ADDRESS: JULIUS JEKER
6598 DRY CREEK RD
BOISE ID 83703

SOURCE: GROUND WATER TRIBUTARY:

QUANTITY: 5.000 CFS
1,615.50 AFY

Use of this right with Right No. 63-7123 is limited to a total combined diversion rate of 5.79 cfs.

PRIORITY DATE: 07/20/1960

POINT OF DIVERSION: T05N R01E S36 NENE Within ADA County

PURPOSE AND PERIOD OF USE:

PURPOSE OF USE	PERIOD OF USE	QUANTITY
IRRIGATION	03/01 11/15	5.000 CFS 1,615.50 AFY

PLACE OF USE: IRRIGATION Within ADA County

T05N R01E S25	SWSW	5.00	T05N R01E S25	SESW	4.00
T05N R01E S25	SWSE	22.00	T05N R01E S25	SESE	31.00
T05N R01E S35	NENE	15.00	T05N R01E S35	NWNE	21.00
T05N R01E S35	SWNE	13.00	T05N R01E S35	SENE	13.00
T05N R01E S36	NENE	38.00	T05N R01E S36	NWNE	40.00
T05N R01E S36	SWNE	20.00	T05N R01E S36	SENE	8.00
T05N R01E S36	NENW	39.00	T05N R01E S36	NWNW	39.00
T05N R01E S36	SWNW	17.00	T05N R01E S36	SENW	11.00
T05N R02E S30	SWSW	23.00			

359 ACRES TOTAL

Use of this right with the rights listed below is limited to the irrigation of a combined total of 392 acres in a single irrigation season. Combined Right Nos.: 63-2535, 63-4023B, 63-7123 and 63-17454.

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use

Right No. 63-7123 is also diverted through point of diversion described above.

IDAHO DEPARTMENT OF WATER RESOURCES
RECOMMENDED WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 63-7123

NAME AND ADDRESS: JULIUS JEKER
6598 DRY CREEK RD
BOISE ID 83703

SOURCE: GROUND WATER TRIBUTARY:

QUANTITY: 0.790 CFS
1,615.50 AFY

Use of this right with rights listed below is limited to a total combined diversion rate of 7.84 cfs. Combined Right Nos.:63-2535, 63-4033B, 63-4086B and 63-17454.

Use of this right with Right No. 63-4086B is limited to a total combined annual diversion volume of 1615.5 AF.

PRIORITY DATE: 07/11/1968

POINT OF DIVERSION: T05N R01E S36 NENE Within ADA County

PURPOSE AND PERIOD OF USE:

PURPOSE OF USE	PERIOD OF USE	QUANTITY
IRRIGATION	04/01 10/31	0.790 CFS 1,615.50 AFY

The use of water for irrigation under this right may begin as early as March 1 and may continue to as late as November 15, provided other elements of the right are not exceeded. The use of water before April 1 and after October 31 under this remark is subordinate to all water rights having no subordinated early or late irrigation use and a priority date earlier than the date a partial decree is entered for this right.

PLACE OF USE: IRRIGATION Within ADA County

T05N R01E S25	SESW	4.00	T05N R01E S25	SWSE	22.00
T05N R01E S25	SESE	31.00	T05N R01E S35	NENE	15.00
T05N R01E S35	NWNE	21.00	T05N R01E S35	SWNE	13.00
T05N R01E S35	SENE	13.00	T05N R01E S36	NENE	38.00
T05N R01E S36	NWNE	40.00	T05N R01E S36	SWNE	20.00
T05N R01E S36	SENE	8.00	T05N R01E S36	NENW	39.00
T05N R01E S36	NWNW	39.00	T05N R01E S36	SWNW	17.00
T05N R01E S36	SENW	11.00	T05N R02E S30	SWSW	20.00

351 ACRES TOTAL

Use of this right with the rights listed below is limited to the irrigation of a combined total of 392 acres in a single irrigation season. Combined Right Nos.: 63-2535, 63-4023B, 63-4086B, and 63-17454.

Use of this right with Right No. 63-4086B is limited to the irrigation of a combined total of 359 acres in a single irrigation season.

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

EXPLANATORY MATERIAL: BASIS OF CLAIM - License

Right No. 63-4086B is also diverted through point of diversion described above.

IDAHO DEPARTMENT OF WATER RESOURCES
RECOMMENDED WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 63-17454

NAME AND ADDRESS: JULIUS JEKER
6598 DRY CREEK RD
BOISE ID 83703

SOURCE: DRY CREEK TRIBUTARY: BOISE RIVER

QUANTITY: 1.700 CFS

Use of this right with rights listed below is limited to a total combined diversion rate of 7.84 cfs. Combined Right Nos.: 63-2535, 63-4023B, 63-4086B and 63-7123.

PRIORITY DATE: 03/20/1938

POINT OF DIVERSION: T05N R02E S31 NENW Within ADA County

PURPOSE AND PERIOD OF USE:

PURPOSE OF USE	PERIOD OF USE	QUANTITY
IRRIGATION	03/01 11/15	1.700 CFS

PLACE OF USE: IRRIGATION Within ADA County

T05N R01E S25	SESE	26.50	T05N R01E S36	NENE	35.50
T05N R02E S30	SWSW	23.00			

85 ACRES TOTAL

Use of this right with the rights listed below is limited to the irrigation of a combined total of 392 acres in a single irrigation season. Combined Right Nos.: 63-2535, 63-4023B, 63-4086B and 63-7123.

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use

IDAHO DEPARTMENT OF WATER RESOURCES
CLAIMS / RIGHTS NOT RECOMMENDED

W.R. NUMBER	NAME AND ADDRESS	CLAIM DISPOSITION	REASON
63-17418	BETTY E RUMSEY 311 4TH ST N EXT NAMPA ID 83687-3247 DONALD J RUMSEY 311 4TH ST N EXT NAMPA ID 83687-3247	Disallowed	No beneficial use found.
63-17425	ROSS A DIMMICK 223 EAGLESON BOISE ID 83705 MARIETTA B DIMMICK 223 EAGLESON BOISE ID 83705	Disallowed	WILL BE RECOMMENDED AS A NAMPA-MERIDIAN IRRIGATION RIGHT IN THE BASIN 63 PART 3 REPORT.
63-17455	JULIUS JEKER 6598 DRY CREEK RD BOISE ID 83703	Disallowed	No beneficial use found.
63-17459	LESTER C REEVES 311 S EAGLESON RD BOISE ID 83705 ANTOINETTE C L REEVES 311 S EAGLESON RD BOISE ID 83705	Disallowed	WILL BE RECOMMENDED AS A NAMPA-MERIDIAN IRRIGATION DISTRICT RIGHT IN THE BASIN 63 PART 3 REPORT.
63-17541	JACK HOKE 6505 GLENWOOD BOISE ID 83703	Disallowed	NO BENEFICIAL USE FOUND.
63-17573	JAMES D GARROW 5700 DRY CREEK RD BOISE ID 83703	Disallowed	NO BENEFICIAL USE FOUND.
63-17583	GOOD SHEPHERD LUTHERAN CHURCH 5009 CASSIA ST BOISE ID 83705	Disallowed	No beneficial use found.
63-17592	JOAN E ALLAN 5350 NAVAHO WAY BOISE ID 83714 RUSS ALLAN 5350 NAVAHO WAY BOISE ID 83714	Disallowed	No beneficial use found.
63-17601	WILLIAM R AMBROSE 203 S BEACH BOISE ID 83705	Disallowed	WILL BE RECOMMENDED AS A NAMPA-MERIDIAN IRRIGATION DISTRICT RIGHT IN THE BASIN 63 PART 3 REPORT.

APPENDIX B

SRBA PARTIAL DECREES

SRBA
PARTIAL DECREE 63-17451

Issued on 05-17-2001.

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NAME AND ADDRESS:	JULIUS JEKER 6598 DRY CREEK RD BOISE, ID 83703
SOURCE:	GROUNDWATER
QUANTITY:	0.01 CFS THE QUANTITY OF WATER UNDER THIS RIGHT SHALL NOT EXCEED 13,000 GALLONS PER DAY.
PRIORITY DATE:	05/20/1944
POINT OF DIVERSION:	T05N R01E S36 SENW Within Ada County
PURPOSE AND PERIOD OF USE:	PURPOSE OF USE: Domestic 1 HOME; PERIOD OF USE: 01-01 TO 12-31; QUANTITY: 0.01 CFS
PLACE OF USE:	Domestic Within Ada County T05N R01E S36 SENW

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

THE QUANTITY OF WATER DECREED FOR THIS WATER RIGHT IS NOT A DETERMINATION OF HISTORICAL BENEFICIAL USE.

THIS PARTIAL DECREE IS SUBJECT TO SUCH GENERAL PROVISIONS NECESSARY FOR THE DEFINITION OF THE RIGHTS OR FOR THE EFFICIENT ADMINISTRATION OF THE WATER RIGHTS AS MAY BE ULTIMATELY DETERMINED BY THE COURT AT A POINT IN TIME NO LATER THAN THE ENTRY OF A FINAL UNIFIED DECREE. I.C. SECTION 42-1412(6).

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PARTIAL DECREE 63-17452

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NAME AND ADDRESS:	JULIUS JEKER 6598 DRY CREEK RD BOISE, ID 83703
SOURCE:	GROUNDWATER
QUANTITY:	0.04 CFS THE QUANTITY OF WATER UNDER THIS RIGHT SHALL NOT EXCEED 13,000 GALLONS PER DAY.
PRIORITY DATE:	07/01/1927
POINT OF DIVERSION:	T05N R01E S36 SWNW Within Ada County
PURPOSE AND PERIOD OF USE:	PURPOSE OF USE / PERIOD OF USE / QUANTITY Domestic 1 HOME / 01-01 TO 12-31 / 0.04 CFS
PLACE OF USE:	Domestic Within Ada County T05N R01E S36 SWNW

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

THE QUANTITY OF WATER DECREED FOR THIS WATER RIGHT IS NOT A DETERMINATION OF HISTORICAL BENEFICIAL USE.

THIS PARTIAL DECREE IS SUBJECT TO SUCH GENERAL PROVISIONS NECESSARY FOR THE DEFINITION OF THE RIGHTS OR FOR THE EFFICIENT ADMINISTRATION OF THE WATER RIGHTS AS MAY BE ULTIMATELY DETERMINED BY THE COURT AT A POINT IN TIME NO LATER THAN THE ENTRY OF A FINAL UNIFIED DECREE. I.C. SECTION 42-1412(6).

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SRBA
PARTIAL DECREE 63-17453

Issued on 05-17-2001.

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NAME AND ADDRESS: JULIUS JEKER
6598 DRY CREEK RD
BOISE, ID 83703

SOURCE: GROUNDWATER

QUANTITY: 0.07 CFS
THE QUANTITY OF WATER UNDER THIS RIGHT SHALL NOT EXCEED 13,000 GALLONS PER DAY.

PRIORITY DATE: 10/25/1974

POINT OF DIVERSION: T05N R01E S25 NESE Within Ada County

PURPOSE AND PERIOD OF USE:

PURPOSE OF USE	PERIOD OF USE	QUANTITY
Stockwater	01-01 TO 12-31	0.07 CFS

PLACE OF USE: Stockwater Within Ada County
T05N R01E S25 NESE

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:
THE QUANTITY OF WATER DECREED FOR THIS WATER RIGHT IS NOT A DETERMINATION OF HISTORICAL BENEFICIAL USE.
THIS PARTIAL DECREE IS SUBJECT TO SUCH GENERAL PROVISIONS NECESSARY FOR THE DEFINITION OF THE RIGHTS OR FOR THE EFFICIENT ADMINISTRATION OF THE WATER RIGHTS AS MAY BE ULTIMATELY DETERMINED BY THE COURT AT A POINT IN TIME NO LATER THAN THE ENTRY OF A FINAL UNIFIED DECREE. I.C. SECTION 42-1412(6).

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Appendix C:

Water Supply Report

WATER SUPPLY ASSESSMENT FOR DRY CREEK RANCH

Prepared for

Land Baron Investments
8080A W. Sahara
Las Vegas, Nevada 89117

Prepared by

SPF Water Engineering, LLC
600 East River Park Lane
Boise, ID 83706

February 13, 2006

SPF Water Engineering, LLC
water resource consultants

Executive Summary

Land Baron Investments has proposed the Dry Creek Ranch Planned Community (formerly the Julius Jeker Ranch), a mixed-density planned unit development in Ada County, Idaho. The proposed development is on approximately 1,407 acres in the Dry Creek Valley northeast of Eagle, Idaho. Water will be needed for domestic, irrigation, commercial, and other uses. A preliminary assessment of the existing water resources available to the development was conducted by reviewing available drillers' reports, water quality data, and other information.

The potential for constructing high capacity wells to provide water for irrigation and domestic uses on the Dry Creek Ranch property appears to be variable, depending upon the localized ground water environment. The most productive wells that have been drilled on the Dry Creek Ranch property were in the east-central part of the property, producing up to 3,000 gpm from depths between 100 and 300 feet. It is likely that one or more successful municipal production wells could be completed in this area, although the sustainable well yield from the aquifer has not been determined. Wells drilled in the western part of the property generally penetrated clays and were far less productive (1 to 150 gpm). Wells drilled in the foothills north of the property at depths between 360 and 1,000 feet have been tested at 25 to 30 gpm.

Recent sampling indicates that ground water quality on the Dry Creek Ranch property is very good. Fluoride was elevated in a geothermal well, but this result is not unexpected. Arsenic is a potential concern for new wells drilled on the property. While recent water sampling does not indicate elevated arsenic concentrations on the property, arsenic concentrations exceeding the future primary MCL have been observed in nearby monitoring wells.

There is potential for development of geothermal energy to heat homes and for other residential purposes on the property. One well drilled into the geothermal aquifer system (at a depth of 997 feet) has a recorded temperature of 107°F. Wells drilled for this purpose will probably have to be at least 1,000 feet deep.

Hydrogeologic conditions underlying the proposed development may differ from those described in this report. Local aquifer conditions should be evaluated during and following construction of initial wells. This evaluation should include lithologic descriptions, aquifer testing, and water quality sampling and analysis. This information would be used to confirm water supply and water chemistry characteristics.

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1. INTRODUCTION

Land Baron Investments has proposed the Dry Creek Ranch (a.k.a. Julius Jeker Ranch) mixed-density planned unit development located in Ada County, northeast of Eagle, Idaho. The proposed development is on approximately 1,407 acres in the Dry Creek Valley (Figure 1). The development will include primarily single-family residential units, with some multi-family and commercial structures. Water will be needed for domestic, irrigation, commercial, and other uses. There are geothermal wells on the property, which may provide an opportunity for heating applications.

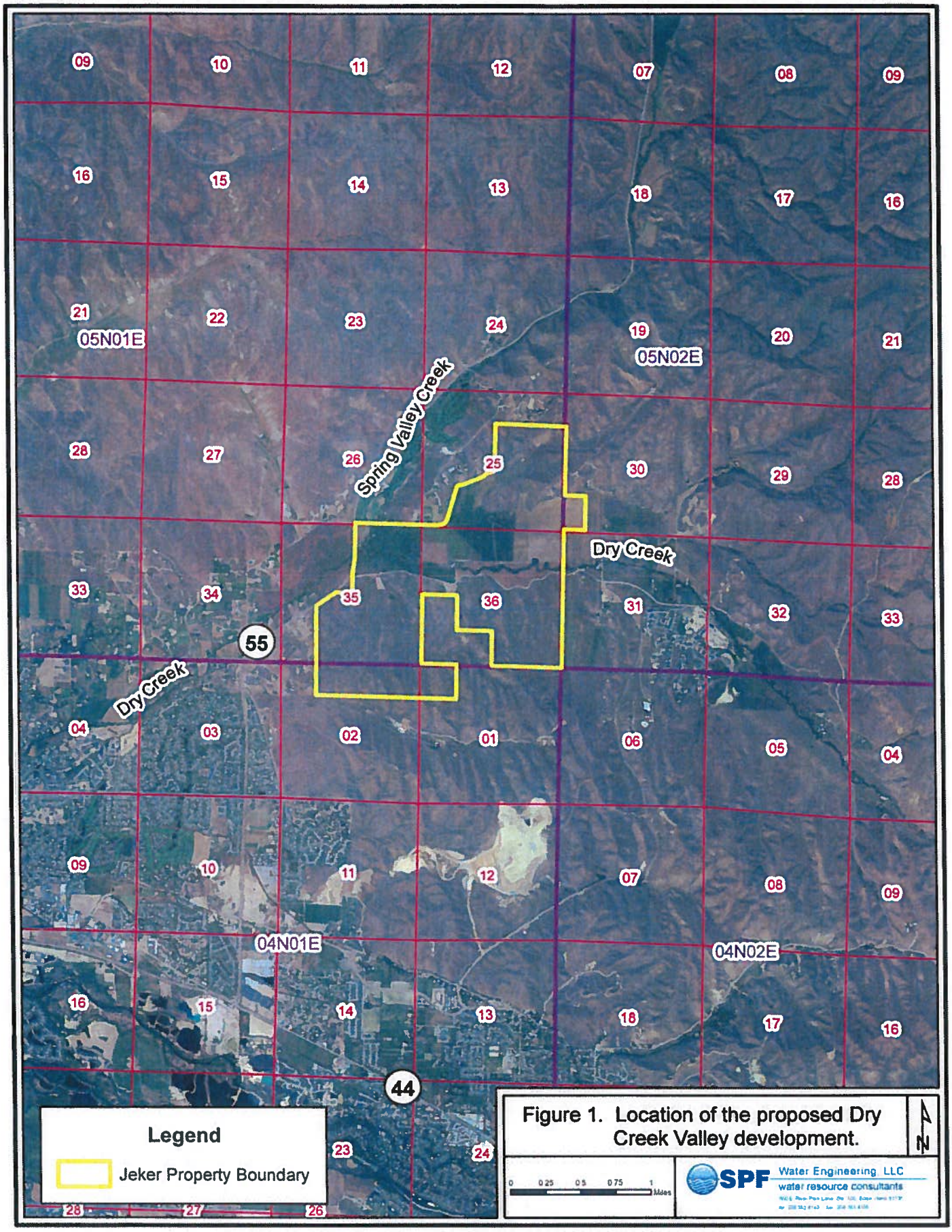
Land Baron Investments retained SPF Water Engineering, LLC (SPF) to conduct an initial assessment of the existing water resources available to the development, including surface water, ground water, and municipal sources. Water could potentially be provided from on-site wells, Dry Creek, and the municipal system. Specific objectives of the review included the following:

1. Review lithologic descriptions and construction of existing wells in the vicinity of the proposed development from available drillers' reports.
2. Describe the local hydrogeology based on available well drillers' reports, existing reports, and other sources of information.
3. Summarize historical hydrogeologic information, including lithology and well testing, from Jeker wells in SPF files.
4. Review existing water quality data and identify potential water quality constraints for potable water uses.
5. Summarize the availability and quality of ground water underlying the proposed development for proposed uses.
6. Review information available for geothermal wells on the property and in nearby areas to assess opportunities for heating applications in the proposed development.

2. WATER SUPPLY ASSESSMENT

2.1. Hydrogeology

The Boise area is situated in two physiographic provinces, the northern Rocky Mountain physiographic province and the Columbia Intermountain province (Mink and Graham, 1977). The foothills of the Boise Ridge are part of the Rocky Mountain province and the Boise Valley floodplain is located in the Columbia Intermountain province (Savage, 1958). The Boise Valley consists of several flat-lying alluvial


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Spring Valley Creek
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Dry Creek
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33
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Dry Creek
04
03
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04N01E
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Legend
Jeker Property Boundary
Figure 1. Location of the proposed Dry Creek Valley development.
N
0 0.25 0.5 0.75 1 Miles
SPF Water Engineering, LLC
water resource consultants

terraces. Alluvial sediments include unconsolidated clay, silt, sand, and gravel. The upper portion of the Boise Ridge is composed of the Idaho batholith. In the lower foothills the Glenns Ferry Formation of the Idaho group unconformably overlies the Idaho batholith. The Idaho batholith consists of Cretaceous granitic material, while the Glenns Ferry Formation consists of younger Pliocene sediments of variable composition (sand, silt, and clay) with interlayered basalt flows.

The Dry Creek area occurs within a transition zone between fluvial (stream-deposited) and lacustrine (lake-deposited) sediments of the Glenns Ferry formation (Baker, 1991). Sediment composition in the Dry Creek area exhibits a high degree of spatial variability. The Dry Creek Ranch property itself occurs in an area of these deposits with a low sand-to-clay ratio. In the Dry Creek Valley, alluvium of variable thickness (inches to tens of feet) has recently been deposited (Mink and Graham, 1977).

There are three separate aquifer systems in the Dry Creek area. These are the shallow aquifer, the deep system, and the geothermal system (Mink and Graham, 1977). The shallow aquifer is recharged from rainfall, losing streams, and irrigation. The depth to this system is quite variable, and generally follows surface topography. Ground water flow is in a west-southwest direction, from the foothills to the topographic lows of the area. In the Dry Creek Valley, the lower extent of this aquifer appears to be located at about the valley bottom while the upper extent extends into the Glenns Ferry Formation along the hillsides (Mink and Graham, 1977).

The deep aquifer occurs at depths greater than 400 feet in the Glenns Ferry Formation. This aquifer is composed of interbedded sands, silts, clays, and basalt. This aquifer is a confined system, with contrasting permeabilities creating high vertical gradients resulting in artesian flow. The ground water flow direction in the deep aquifer is approximately the same as that of the shallow aquifer. Primary recharge comes from precipitation along the Boise Ridge, which infiltrates downward through permeable sediments, fractures, and major discontinuities.

The geothermal aquifer system is associated with major structural features, including major faults and numerous linears. The ground water in this system is heated as hot water moves upward from deep fractures within the Idaho batholith through secondary fracturing into Glenns Ferry sediments. Geothermal wells in this area intercept heated water in the Glenns Ferry Formation.

Dry Creek is a tributary of the Boise River that receives water from snow melt and ground water seepage of several smaller drainages in the area. During late summer, Dry Creek usually has little or no flow. Spring Valley Creek is a tributary to Dry Creek (see Figure 1). At the USGS gage on Dry Creek 500 feet downstream of Spring Valley Creek (period of record 1954 to 1968), the mean annual flow was 7.4 cfs (USGS, 1996). The highest mean monthly flow occurred in April (20 cfs), while the lowest occurred in July (0.28 cfs). At the USGS gage on Spring Valley Creek 4 miles northeast of Eagle (period of record 1954 to 1959, 1960 to 1971), the mean

annual flow was 2.6 cfs (USGS, 1996). The highest mean monthly flow occurred in March (6.9 cfs), while the lowest occurred in August (0.0 cfs).

2.2. Existing Wells

2.2.1. Jeker Wells

A search for drillers' reports on the Idaho Department of Water Resources (IDWR) web site found six wells under the name of Julius Jeker. Five of the reports are for new or replacement wells (wells 6A, 8, 9, 10, and 11), while one is for repair work on an existing well (Well 7). These wells are shown on Figure 2. The locations of two of these wells have not been verified in the field (wells 10 and 11). The drillers' report for Well 10 indicates a location outside the Dry Creek Ranch property, indicating an error in the recorded location. Well 10 was not located in the field, so the location of Well 10 on Figure 2 is therefore an approximation based on the driller's notes. The location of Well 11 on Figure 2 is based solely on the driller's reported location. Drillers' reports for the Jeker wells are summarized in Appendix A and included in Appendix B.

For those wells for which drillers' reports are available, depths vary between 41 and 400 feet. Static water levels range from 15 to 160 feet, with two wells identified as artesian (wells 7 and 10). Test discharges of between 1 and 2,400 gallons per minute (gpm) were measured from these six wells. These wells generally penetrate clays, with occasional sandy layers. Wells 7, 8, 10, and 11 penetrate clay with sand streaks. Well 9 penetrates alternating layers of clay and water-bearing sand, and reaches granite at 227 feet. Well 6A penetrates a layer of sand, then a layer of clay, before completion in sand and gravel at a depth of 230 feet. The most productive well for which a driller's report is available is Well 6A, with a discharge of 2,400 gpm. The least productive well is Well 11, with a measured discharge of 1 gpm.

Historical records stored at SPF indicate the existence of nine different wells that have been drilled on the Dry Creek Ranch property between the late 1920s and the late 1960s. The locations of eight of these wells have been field-verified, with GPS spatial readings taken (wells 1, 2, 3, 4, 5, 6A, 7, and a hand pump well). The location of the remaining well was obtained from a map within the examined records (Well 6). These nine wells are shown on Figure 2. Of these nine old wells, wells 6A and 7 could be associated with a driller's report from the IDWR database. The report for Well 6A was submitted after it was drilled, while that for Well 7 was submitted after some repair work. The hand pump well is a shallow well located just northeast of the house. Because four drillers' reports were found for new or replacement wells drilled since 1968, the total number of wells drilled on the Dry Creek Ranch property should total 13, including the hand pump well. The newer wells were drilled in 1975, 1997 (July and August), and 2000. Photos of selected Jeker wells can be found in Appendix C.

While conducting the field investigation, a monitoring well was found near Well 2. This well is shown on Figure 2, and a photo is included in Appendix C. The well cap has the label of Haz Tech Drilling, but no monitoring data could be found for this well. The date of drilling, depth, and other useful information is also unknown.

Details of the individual wells are provided in the following paragraphs.

2.2.1.1. Well 1 (Paine Well)

Jeker's Well 1, also known as the Paine Well, is an artesian well drilled for Karl Paine before 1937. No driller's report is available for this well, but records indicate that it was used by Mr. Paine for irrigation and domestic needs. When Julius Jeker took ownership of the water right, he used the well for irrigation. Records indicate that this well was drilled to a depth of 525 feet, with 60 feet of 8-inch casing. In September 1964, an artesian flow of 0.9 cfs (400 gpm) and a shut-in pressure of 13.5 psi were measured from the Paine Well. Records indicate that Jeker occasionally pumped this well using a diesel powered tractor when artesian flows were inadequate for irrigation. In March 1980, Julius Jeker requested electric service to this well. It is believed that a 30-hp submersible pump was installed at this well sometime in 1980.

2.2.1.2. Well 2 (Barn Well)

Jeker's Well 2, also referred to as the Barn Well, is an artesian well used for irrigation. No driller's report is available for this well, but Julius Jeker estimated that it was drilled around 1926 or 1927. Jeker has also stated that the depth of the well is about 400 feet. This well has a diameter of 8 inches. The Barn Well has flowed intermittently since Jeker moved onto the property in March 1938. In September 1964, water was at the top of the casing. In 1968, Keith Anderson, Julius Jeker's consulting engineer, estimated the maximum discharge from the Barn Well at 0.8 cfs (360 gpm).

2.2.1.3. Well 3 (Corn Well)

Well 3, also called the Corn Well, is an artesian well used for irrigation. This well was likely drilled around the same time as the Barn Well. No driller's report could be found for this well, but Jeker has estimated its depth at about 400 feet. The Corn Well has a casing diameter of 8 inches. This well has flowed intermittently since Jeker moved onto the property. In September 1964, the water level in the Corn Well was measured at 6.56 feet below the top of the casing. In 1968, Keith Anderson estimated the maximum discharge from Well 3 to be 0.6 cfs (270 gpm). On September 11, 1973, the well was observed flowing.

2.2.1.4. Well 4 (House Well)

Well 4 is an artesian well drilled for domestic use, and therefore is called the House Well. This well was likely drilled in 1926 or 1927. No driller's report is available for this well, but its depth has been estimated to be approximately 400 feet. The House Well has a diameter of 4 inches. This well has flowed intermittently since Jeker moved onto the property in March 1938. In 1968, Keith Anderson estimated the peak discharge from the House Well to be 0.1 cfs (45 gpm).

2.2.1.5. Well 5 (Pasture Well)

Well 5 is also called the Pasture Well, and has historically been used for irrigation. This is an artesian well estimated by Julius Jeker to have been drilled around 1926 or 1927. As with the other older artesian wells, no driller's report could be found, but the depth of this well is approximately 400 feet. The casing diameter is 8 inches. To increase productivity, the Pasture Well has historically been pumped at a rate of 1.5 cfs (670 gpm). The centrifugal pump in the well had a capacity of 675 gpm. In September 1964, the Pasture Well was observed flowing, and it has flowed intermittently since at least 1938. In August 1966, a flow of 480 gpm was measured from this well. In 1968, Keith Anderson estimated the maximum discharge from the Pasture Well at 0.8 cfs (360 gpm). On October 15, 1992, water level in the Pasture Well was at a depth of 13.25 feet. On March 20, 1993, the well was barely flowing. On October 1, 1993, water level was at a depth of 10.33 feet. On January 3, 1994, the well was flowing (3 months earlier than in 1993).

2.2.1.6. Well 6 (abandoned)

Well 6 was drilled in July 1960 for irrigation, to a depth of 180 feet. A driller's log for this well was found in historical records, but not in IDWR's database. A 16-inch casing was placed from 0 to 72 feet. A 16-inch open hole occurred from 72 to 140 feet. A 12-inch liner was placed from 140 to 162 feet and 177 to 180 feet, with 15 feet of 12-inch Johnson irrigator screen (0.100-inch slot) from 162 to 177 feet. The static water level was at 25 feet after completion. This well penetrated 72 feet of silt, sand, and gravel, 88 feet of clay, and 20 feet of sand and gravel. A pump test from this well done shortly after completion produced 720 gpm with the pump at 90 feet. With the pump at a depth of 140 feet, a discharge estimated to be between 1,350 and 1,440 gpm was obtained, but large amounts of sand and gravel were pumped from the well. The static water level on October 27, 1962 was 25.26 feet below the top of the casing (about 23 feet below ground surface). Well 6 was abandoned around 1968 due to improper construction and resultant sand infiltration in the well and pump.

2.2.1.7. Well 6A (Big Pump Well)

Well 6A (also known as the Big Pump Well) was drilled to replace Well 6. Well 6A was finished in April 1968 at a depth of 218 feet. A driller's report was found in the

IDWR database for this well, although the listed location for the well on the report is not accurate. This well is located as shown in Figure 2. A 16-inch steel casing was placed from ground level to a depth of 144 feet, and a 12-inch casing was placed from 134 feet to 220 feet. Well screen (0.060-inch slot) was placed from 144 to 154 feet, from 164 to 174 feet, from 184 to 194 feet, and from 204 to 214 feet. This well penetrated 56 feet of sand, 2 feet of shale, and 172 feet of sand and gravel with some clay "chunks".

The static water level at the time of completion was 15 feet below the ground surface. A 60-hp Westinghouse vertical turbine pump and 40-hp Berkeley centrifugal booster pump were installed at the well. The initial pump test was performed for 8 hours, with a delivery of 2,400 gpm producing a drawdown of 16 feet. On May 3, 1968, a pumping test from Well 6A produced 2,550 gpm at a pumping level of 33 feet and 2,950 gpm at a level of 36 feet. The static water level for this test was 17.25 feet. On September 14, 1970, a discharge of 2,600 gpm was measured. On July 5, 1973, a discharge of between 2,400 and 2,500 gpm was measured at a pumping level of 43.1 feet. The static water level was 28.7 feet 15 to 20 minutes after the pump was turned off. On August 26, 1975, discharge was measured at 6.75 cfs (3,030 gpm).

2.2.1.8. Well 7 (Hot Well)

Well 7 is an artesian well also called the Hot Well, due to its geothermal characteristics. This well was found in the IDWR Geothermal Database listed as Julius Jeker Well #2 (Hot Well). Discharge temperatures from this well have been measured from between 104°F (40°C) and 107°F (42°C). From the Geothermal Database, a well depth of 997 feet was obtained. The original driller's report could not be found for this well, so it is not known when this well was drilled. However, it was sampled for water quality on May 31, 1972 (IDWR, 1980). During a site visit in September 1964 by Robert Hamilton, supervisor of water distribution, an unnamed artesian well was described as not in use. While not specifically stated, it is possible that the well described is Well 7. The historical use of this well is uncertain, but it was likely used for irrigation.

A driller's report was filed for repair work performed on this well between late August and early September 1989. The repair work consisted of removing the existing 3-inch casing placed to a depth of 48 feet, and replacing it with a 6-inch casing drilled to a depth of 100 feet. The 6-inch casing was drilled through 44 feet of sand and clays and 56 feet of blue clay. Flow was regained at a depth of 100 feet. This report states that the proposed use of the well is domestic and irrigation. At the time of this work, the well was flowing at 60 gpm. Following the repair work, the well was tested for one hour at a pumping level of 10 feet, at a discharge of 150 gpm.

2.2.1.9. Well 8 (stockwater well)

Well 8, also referred to as the stockwater well, was drilled to a depth of 41 feet in June 2000. A driller's report was found for the construction and initial testing of this well. A 6-inch steel casing was placed from 1.5 feet above ground level to a depth of 28.5 feet, and from 38.5 feet to 41.5 feet. The casing was perforated from 28.5 feet to 38.5 feet. This well penetrated sandy clay to a depth of 18 feet, then 16 feet of water-bearing sandy clay with sand streaks, then 3 feet of water-bearing slightly cemented sand, then 4 feet of water-bearing sticky blue clay. The static water level in the completed well was at 18 feet. This well was initially tested for 4 hours at a pumping level of 27 feet, producing a discharge of 20 gpm. Drawdown was 9 feet, and recovery occurred in 4 minutes.

2.2.1.10. Well 9

Well 9 was drilled to a depth of 232 feet, between September and December 1975. The driller's report for this well indicates a proposed use of irrigation, but due to insufficient yield, it was likely used for stockwater only. The listed location of this well on the driller's report is wrong, but this well was located in the field and this location is depicted on Figure 2. This well is fitted with a submersible pump (likely 0.5 to 1 hp). A 12-inch steel casing was placed from 2 feet above the surface to a depth of 178 feet. An 8-inch casing was placed from 132 to 150 feet, from 155 to 161 feet, and from 171 to 232 feet. The 8-inch casing was perforated (0.125-inch) from 201 to 206 feet, from 211 to 216 feet, and from 227 to 232 feet. An 8-inch Johnson stainless steel well screen (slot size 35) was installed from 150 to 155 feet and from 161 to 171 feet. A gravel pack was placed from 140 to 232 feet. This well penetrated alternating layers of clay and water-bearing sand to a depth of 227 feet, then granite to 232 feet. The static water level in the well was at 72 feet. The Well Driller's Report for the well indicates a tested rate of 700 gpm. On January 22, 1976, SPF files show that the well was tested at 550 gpm at a pumping level of 130 feet.

2.2.1.11. Well 10

Well 10 was drilled in late July 1997, to a depth of 400 feet. The driller's report found for this well indicates a proposed domestic use, and that this well is a replacement. A 6-inch steel casing was placed from 1.5 feet above ground surface to a depth of 38 feet. This well penetrated primarily clay, with water-bearing zones described as blue clay with sand streaks between 158 and 165 feet and 305 and 315 feet. This well is artesian, with a pressure of 0.5 lb. The well was air-lift tested for one hour at a pumping level of 400 feet, and it produced 5 gpm.

2.2.1.12. Well 11

Well 11 was drilled just after Well 10, in early August 1997. This well has a completed depth of 300 feet. The driller's report indicates a proposed domestic use. A 6-inch steel casing was placed from 1.5 feet above ground surface to a depth of 35

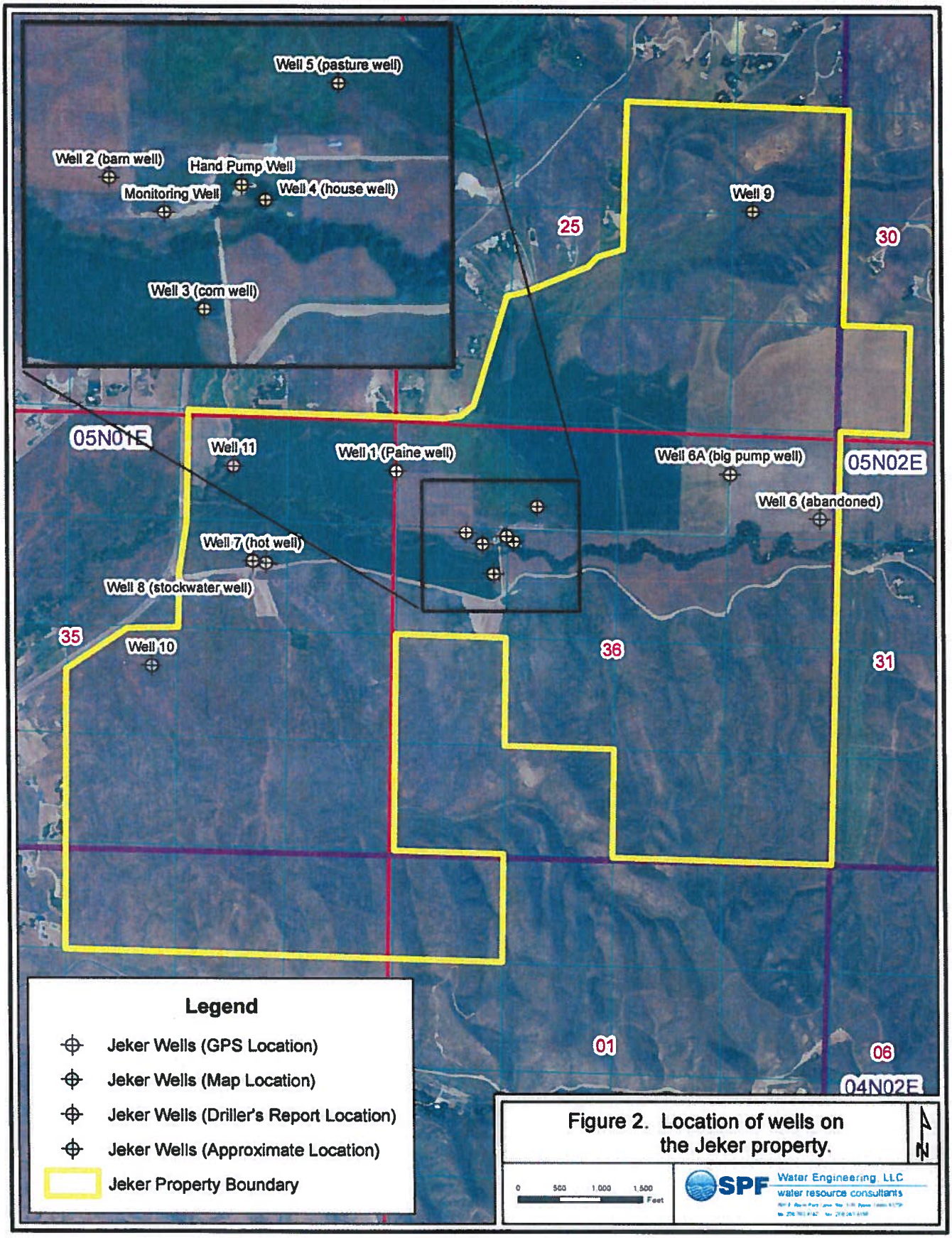


Figure 2. Location of wells on the Jeker property.

feet. This well penetrated 160 feet of clay, 10 feet of water-bearing sand streaks, then 130 feet of clay. The static water level of the completed well was at 160 feet. The well was tested for 45 minutes at a pumping level of 300 feet, and it produced 1 gpm.

2.2.1.13. Well 12 (Hand Pump Well)

There is a shallow well located near the house, connected to a hand pump. There is a map and an elevation for this well in the historical records, but little else is known about this well.

2.2.2. Nearby Wells

A search for drillers' reports revealed 177 wells on or within 0.5 miles of the Dry Creek Ranch property (T5N R1E, sections 25, 35, 36, and parts of 24, 26, and 34; T5N R2E, parts of sections 19, 30, and 31; T4N R2E, part of section 6; T4N R1E, parts of sections 1, 2, and 3). The majority of these wells supply water for domestic and irrigation purposes. These wells range in depth from 30 to 1,185 feet. Static water levels vary between 3 and 340 feet (with five wells recorded as artesian). Test discharges between 0.3 and 2,400 gpm have been measured from these 177 wells. These wells are summarized in Appendix D.

Well drillers' reports were more closely examined for those 34 wells with depths greater than 350 feet located outside the Dry Creek Ranch property. The approximate locations of these wells, based on locations listed in the drillers' reports, are plotted in Figure 3. Based on the drillers' reports, wells 12 and 29 occur within the Dry Creek Ranch property indicating an error in the spatial information provided for these two wells. It appears Well 29 should be located further north in Spring Creek Estates. These 34 wells had depths between 360 and 1,185 feet, static water levels between 18 and 340 feet (two described as artesian), and test discharges between 0.3 and 200 gpm. These 34 wells are listed in Appendix D, and copies of the drillers' reports are included in Appendix E.

The wells (1, 6, 7, 21, 26, and 30) located in the foothills to the north of the Dry Creek Ranch property penetrate clay to depths between 40 and 255 feet, with some basalt and sandstone encountered. Beyond the clay layer is generally decomposed granite 50 to 200 feet thick. These wells are completed in sand/gravel/cinders (depths of 360 to 450 feet) or fractured granite (depths of 400 to 1,000 feet). Production varied from 25 to 30 gpm from the well completed in sand/gravel/cinders to between 6 and 30 gpm from wells completed in fractured granite.

In the lower elevation areas to the north and east of the property, wells (2, 4, 9, 10, 14, 19, 22, 23, 29, 33, and 34) encounter alluvial sediments including unconsolidated clay, sand, and gravel. The top clay layer generally occurs from the surface to depths of about 350 to 600 feet. Sometimes this clay layer is intermixed with layers of sand. Below the clay layer is generally water-bearing sand and gravel. Wells 2,

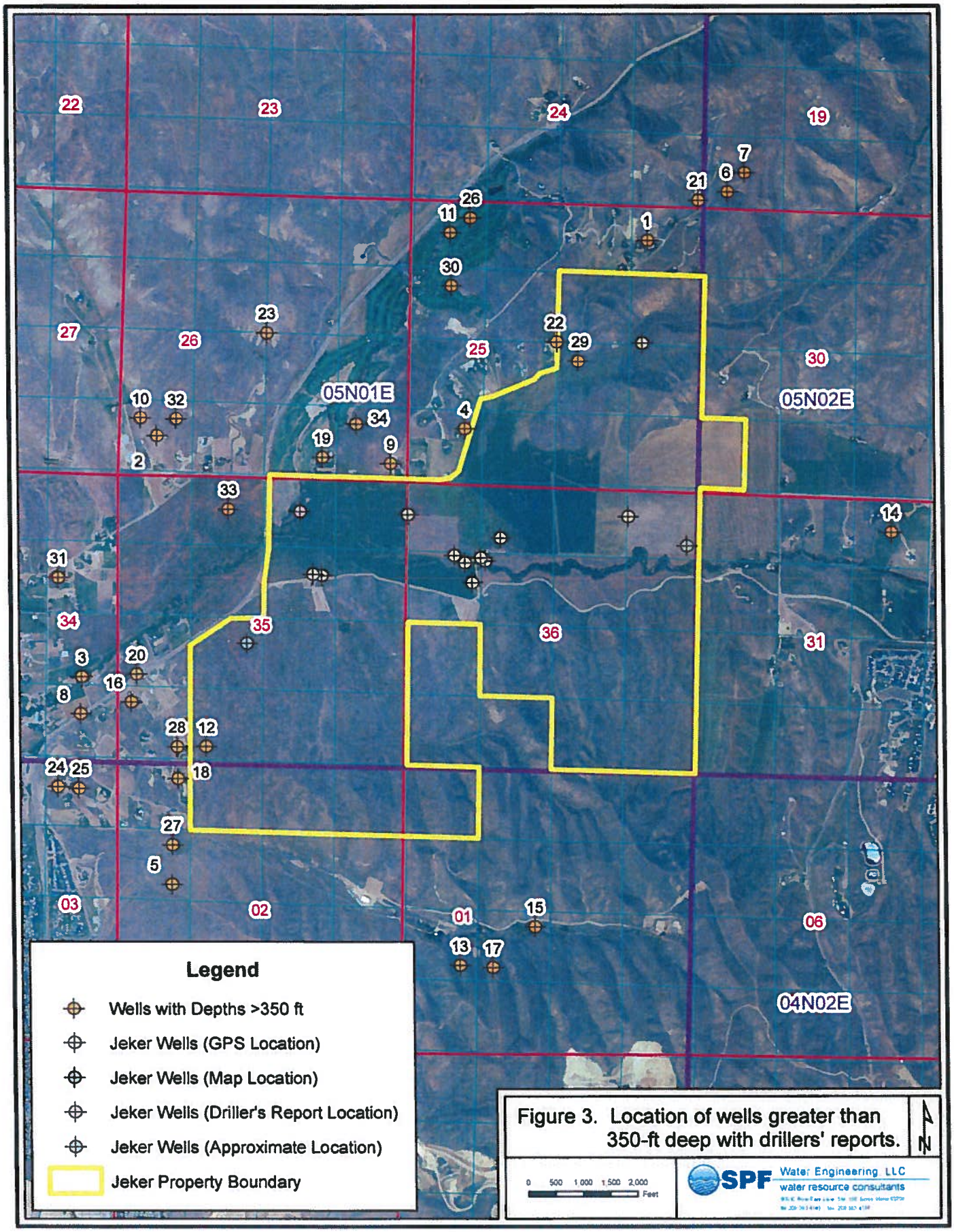


Figure 3. Location of wells greater than 350-ft deep with drillers' reports.

10, 14, 32, and 34 are completed in the clay layer at depths between 360 and 600 feet. Production from these wells varies between 1 and 25 gpm. The other wells are completed in sands and gravels, at depths ranging from about 400 to 700 feet. Test discharges from these wells vary from 15 to 900 gpm.

The remaining wells located to the south-southwest of the property are generally completed in clays. Occasionally, layers of water-bearing sands were encountered. Depths of these wells range from 375 to almost 1,200 feet. Test discharges varied from 0.33 to 25 gpm. The well producing 25 gpm was the deepest well at 1,185 feet. The well producing 0.33 gpm was 400 feet deep and was completed in shale. Well 12 was 480 feet deep, but did not encounter water.

2.3. Water Levels

Water levels have been collected at the Jeker wells at various times by Julius Jeker and by IDWR. Long-term monitoring was conducted at the Pasture Well between 1990 and 1994 (see Figure 4). The water levels in Well 5 were affected by pump operation, as expected. When the Pasture and Paine Wells were operating, water level declines occurred. When the wells were off, the water level in the Pasture Well recovered. These results indicate connectivity between the Pasture and Paine Wells. This was particularly evident at the end of May, when the Pasture Well was on, but the Paine Well was off. During this time, water levels rose in the Pasture Well.

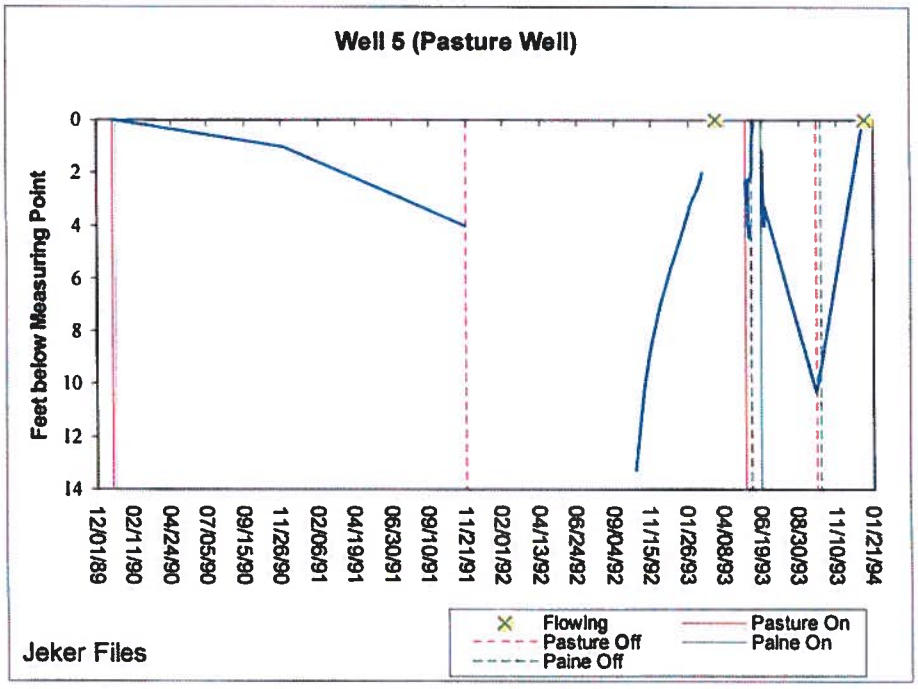


Figure 4. Water levels from Well 5 (Pasture Well).

In 1964, Jeker recorded water levels in the Corn Well, Pasture Well, Barn Well, and Paine Well over the course of 5 months. This monitoring was conducted to determine if water levels in these wells were being affected by two nearby wells owned by Ben Stadler (Stadler Artesian Well and Stadler Pump Well). The monitoring data from this effort is included in Appendix F. It was concluded by Jeker's consulting engineer, Keith Anderson, that the Jeker wells and Stadler wells were likely drawing water from the same aquifer. However, interference from the Stadler wells was considered minor under operating conditions at that time (see Appendix J).

Water levels from Well 3 (Corn Well) are shown in Figure 5. Results indicate that the Corn Well is affected by the other Jeker wells, particularly the Paine Well. Between June 16 and July 6 when all of the wells except the Paine Well were on, water levels declined in the Corn Well. On July 6, when the Paine Well was turned on, water levels declined more sharply. On July 9, the Paine and Barn Wells were turned off, and declines continued as they had before the Paine Well was turned on. On September 3 and 7, the Corn and Pasture Wells were turned off, but there was no apparent change in water level. On September 8 and 9, the Pasture, Paine, and Barn Wells were turned back on, and water level declines were more dramatic. When the Paine and Barn Wells were turned off during the late afternoon of September 12, a dramatic increase in water level occurred. Turning the Paine Well back on later that day resulted in major water level declines.

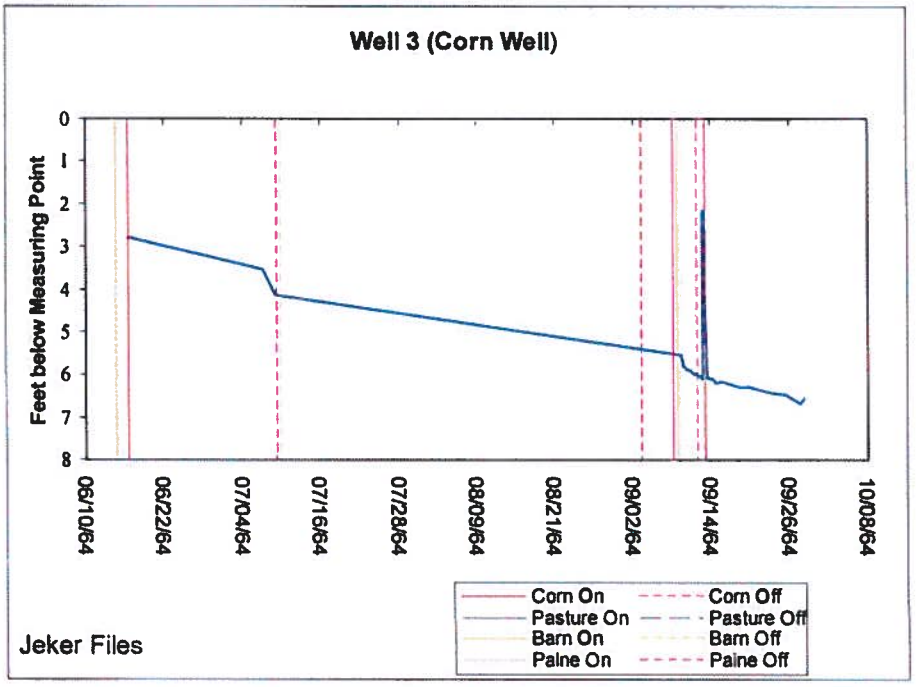


Figure 5. Water levels from Well 3 (Corn Well).

Shut-in pressures were measured from Well 1 (Paine Well), and were converted to water levels as shown in Figure 6. Water levels in the Paine Well appeared to be influenced by operation of the Paine Well as well as the other Jeker wells and the Stadler well. The sharp decline in water levels between June 15 and July 9 was likely due to the operation of all the wells. The recovery that occurred from July 9 to July 10 seems to be a result of turning the Paine, Corn, and Barn Wells off. The decline from July 10 to August 27 occurred because the Pasture and Corn Wells were left on and eventually the Stadler well was turned on. On August 27, the Stadler well was turned off and recovery occurred in the Paine Well. Severe declines occurred again from September 8 through 12, due to turning the Barn,

Paine, Stadler, and Pasture Wells on. The recovery that occurred after September 12 can be attributed to turning the Paine Well off and, in part, to turning the Barn and Stadler wells off.

Long-term water level monitoring has been performed at three wells on the Dry Creek Ranch property by IDWR (data courtesy of Ken Neely, IDWR). These wells include Well 6A (also called station 05N 01E 36AAB1 or the Big Pump Well), the geothermal Well 7 (also called station 05N 01E 35ACA1 or the Hot Well), and Well 1 (Paine Well). Water levels for Well 6A show greater variability between 1992 and 1995, then an increase in water levels with less variability between 1995 and 2004 (see Figure 7). These water levels likely reflect differences in use patterns, with less use after 1995. Well 7 (Hot Well) shows greater variability between 1991 and 1995, with an increase in the shut-in pressure and less variability from 1995 to 2004 (see Figure 8). This well also indicates less use after 1995. The Paine Well shows greater variability and lower shut-in pressures compared to Well 7 between 1995 and 2004 (see Figure 8). The water levels from the Paine Well indicate more use during this period than from the Hot Well. No long-term declines in water level can be detected in any of these three wells.

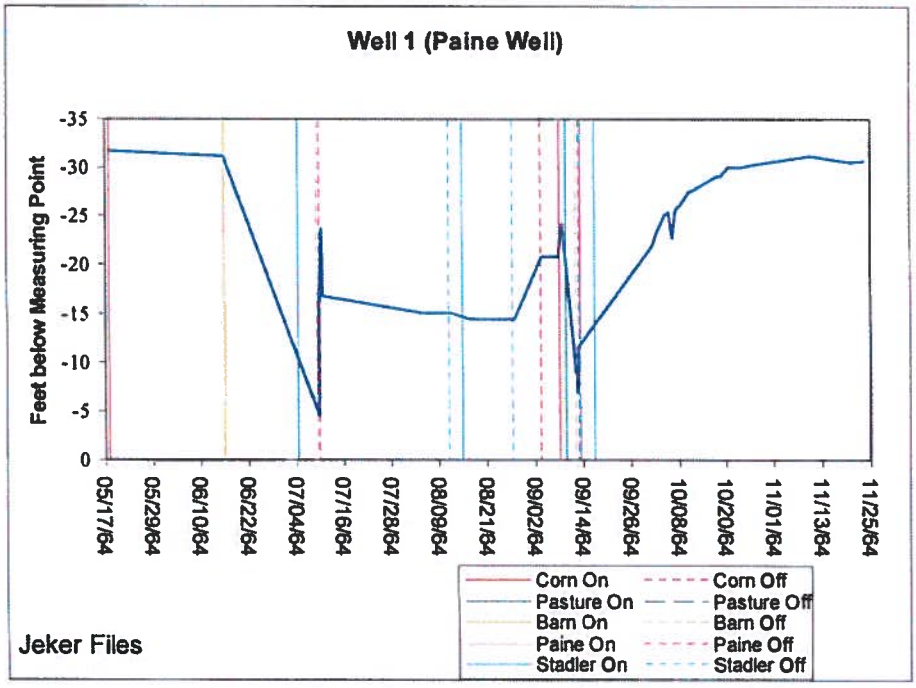


Figure 6. Water levels from Well 1 (Paine Well).

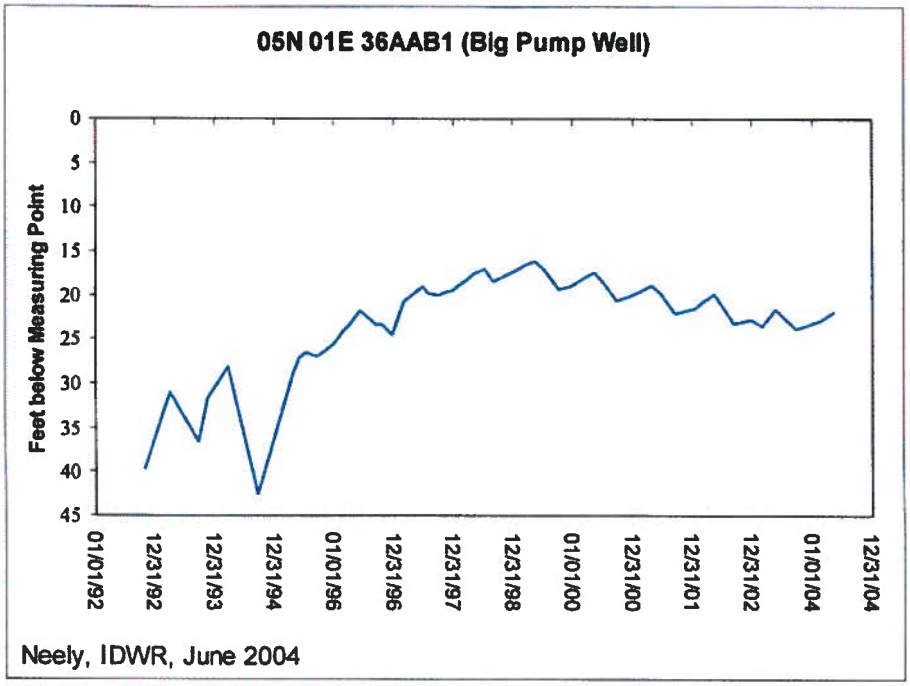


Figure 7. Water levels from Well 6A (Big Pump Well).

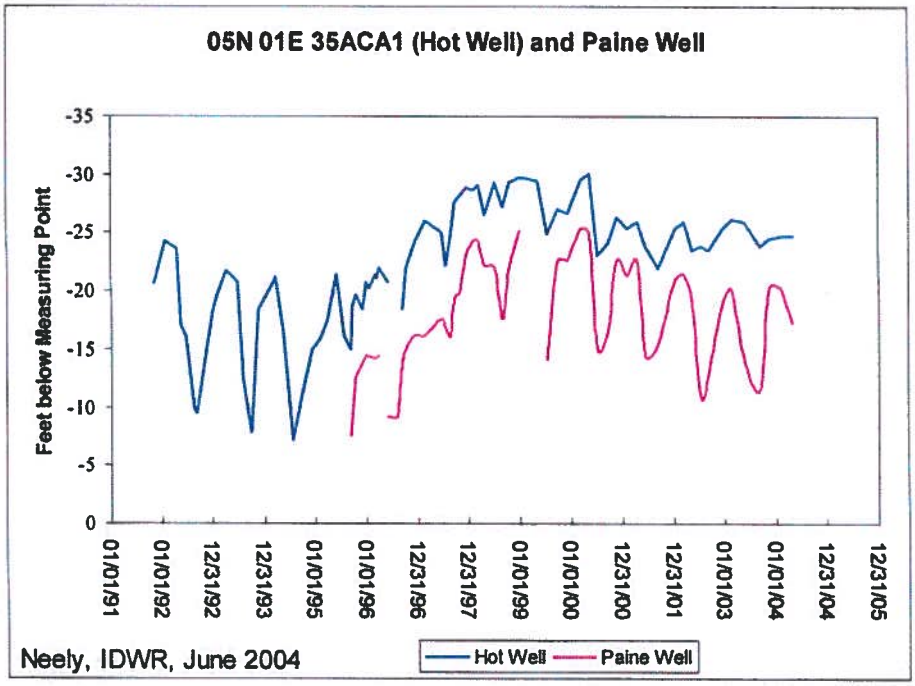


Figure 8. Water levels from Well 7 (Hot Well) and Well 1 (Paine Well).

2.4. Water Quality

The U.S. Environmental Protection Agency has established primary and secondary maximum contaminant levels (MCLs) for public water systems. Primary MCLs are legally enforceable standards for public water systems to protect public health (domestic wells for individual homes are not considered public water systems). Secondary standards represent non-enforceable guidelines for substances in drinking water that may cause cosmetic or aesthetic effects. Groundwater quality for the Dry Creek Ranch project area has been determined from (1) sampling of the Jeker Wells by SPF, and (2) a query of the IDWR Statewide Ground Water Quality Monitoring Program database.

2.4.1.1. Recent Samples from the Jeker Wells

Water quality samples were collected on November 18, 2005, from the Paine, Corn, House, Big Pump and Hot Wells (i.e., Wells 1, 3, 4, 6A, and 7). These results are presented in Appendix G.

In the Paine Well (Well 1), the concentration of arsenic is less than the MCL of 10 µg/l. The concentration of nitrate is below the MCL of 10 mg/l. The fluoride concentration is slightly below the primary MCL of 4 mg/l, but is above the secondary MCL of 2 mg/L (reported as 3.91 mg/l). The concentrations of iron, manganese, and total dissolved solids are all less than their respective secondary standards of 0.3, 0.05, and 500 mg/l. Water quality from the Paine Well appears to be very good.

In the Corn Well (Well 3), the concentration of arsenic is reported as less than 5 µg/l, which is less than the MCL. The concentration of nitrate is reported as less than 0.2 mg/l, which is less than the current MCL. The fluoride concentration is also less than the current primary MCL, but exceeds the secondary MCL (value reported as 2.79 mg/l). The iron, manganese, and total dissolved solids concentrations are all below their respective secondary standards. Based on these results, Well 3 has very good water quality.

The House Well (Well 4) has an arsenic concentration of less than 5 µg/l, and a nitrate concentration of less than 0.2 mg/l. The concentration of fluoride is reported as 2.38 mg/l. The water from Well 4 also does not exceed the secondary standards for iron, manganges, and total dissolved solids. The water from Well 4 seems to have very good water quality.

The water sample collected from the Big Pump Well (Well 6A) has an arsenic concentration of 5 µg/l. The nitrate concentration from this well is 1.6 mg//l, and the fluoride concentration is 0.24 mg/l. Water from Well 6A did not exceed any secondary MCLs. The corrosivity of the water in this well is -0.6, and is considered to be moderately aggressive. Like wells 1, 3, and 4, Well 6A appears to have very good water quality.

The Hot Well (Well 7) has an arsenic concentration of less than 5 µg/l, and a nitrate concentration of less than 0.2 mg/l. Well 7 has a fluoride concentration of 9.48 mg/l, which exceeds the primary MCL of 4.0 mg/l and is due to the geothermal nature of this well. Other than the secondary MCL for fluoride, no secondary standards are exceeded by water from this well. Well 7 appears to have good water quality with the exception of elevated fluoride levels.

2.4.1.2. Statewide Ground Water Quality Monitoring Program Well in the Project Vicinity

Ground water quality in the vicinity of the Dry Creek Ranch property was assessed using data from the IDWR Statewide Ground Water Quality Monitoring Program. This program was initiated in 1990 to characterize the ground water quality of the state of Idaho. The IDWR Internet Map Server (http://maps.idwr.idaho.gov/gwqm/viewer.htm) was queried for data collection stations within approximately 2 miles of the Dry Creek Ranch property. The query returned 15 wells (see Figure 9); selected water quality data from these wells are summarized in Appendix H (values exceeding the applicable MCL are highlighted). Available drillers' reports for the sampled wells can be found in Appendix I. One of these wells was sampled in 1977 and has been sampled again since 1990 (05N 01E 26DCD1). Three other geothermal wells (04N 02E 04BDC1, 05N 01E 25BCC1, and 05N 01E 35ACA1) in the area were sampled in 1972 and 1977, but not since 1990 (Figure 9). Two water quality monitoring wells are located on the Dry Creek Ranch property: one sampled in 1991 (Well 6A or station 05N 01E 36AAB1), and one sampled in 1972 (Well 7 or station 05N 01E 35ACA1).

In 10 of the 15 wells sampled since 1990, at least one water quality parameter had average concentrations greater than the primary or secondary MCL established for that parameter (see Table 1). In three of these 10 wells, only a primary MCL was exceeded. In three of the 10 wells, only a secondary MCL was exceeded. In the remaining four wells, both a primary and secondary MCL were exceeded. The well located on the Dry Creek Ranch property that was sampled in 1991 (Well 6A) did not have any parameters exceed a primary or secondary MCL.

Between 1990 and 2004, no water quality stations had average arsenic concentrations greater than the MCL at that time of 50.0 µg/l. However, five stations had average arsenic concentrations greater than the MCL of 10.0 µg/l that went into effect in January 2006. The highest average concentration measured was 26.5 µg/l at station 05N 01E 26DCD1. Two stations had average concentrations of gross alpha (as americium) that exceeded the primary MCL of 15.0 pCi/l, with a high average concentration of 42.3 pCi/l (station 04N 01E 11BBB1). Stations 05N 01E 34DCD2 and 05N 02E 30CDC2 contained fecal coliform, although this generally indicates local contamination and is not representative of regional aquifer characteristics.

The average concentration of nitrate was greater than general background levels (~2 µg/l) at a few monitoring stations, but none of the average values exceeded the MCL of 10.0 mg/L. However, the MCL was exceeded in 1995 and 2004 at station 05N

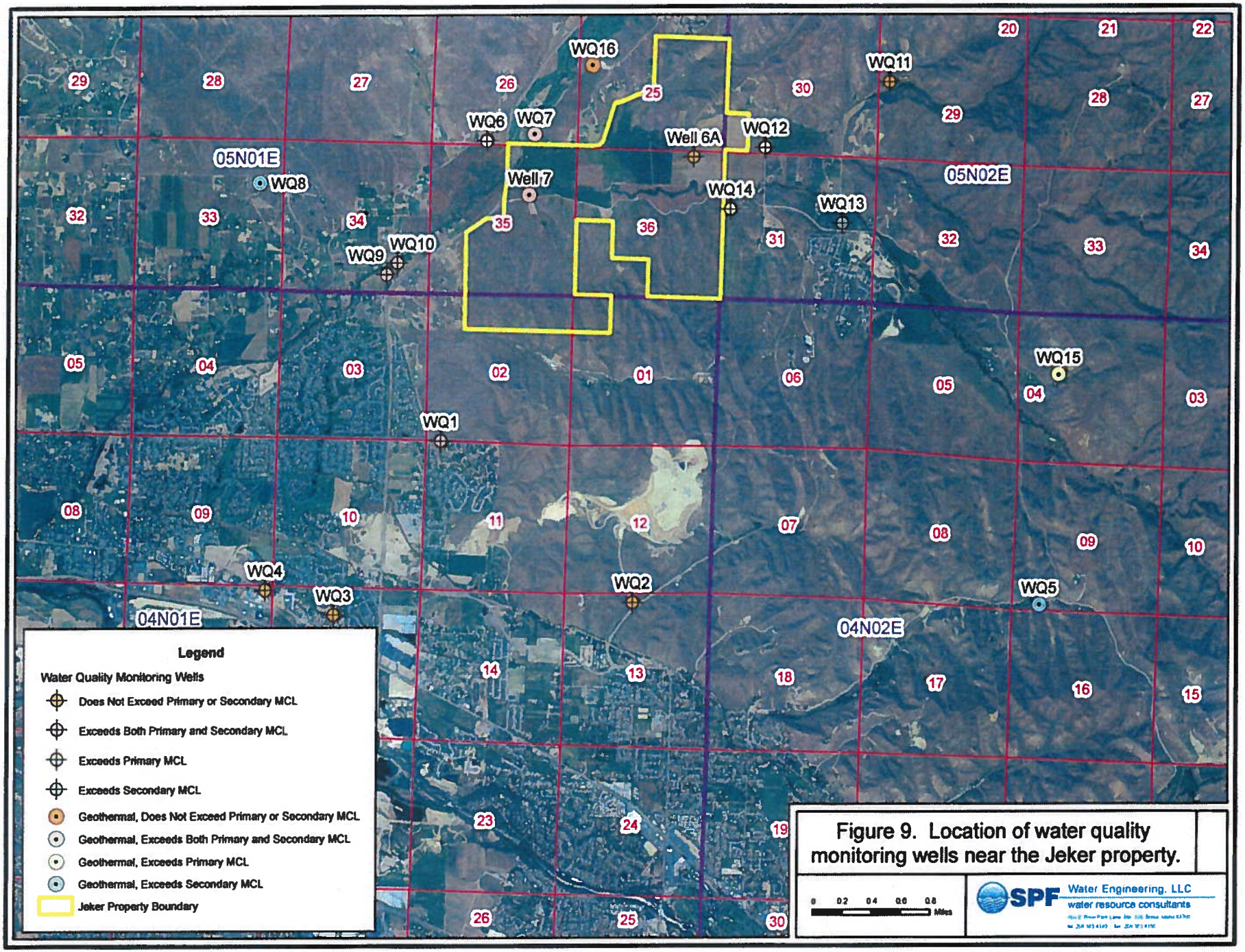


Figure 9. Location of water quality monitoring wells near the Jeker property.

Map ID	Water Quality Station	Number of Samples	Average Values (samples collected between 1990 and 2004)										
			Fluoride (mg/l)	Solids (mg/l)	Nitrate (mg/l)	pH	Water Temp (°C)	Water Temp (°F)	Arsenic (µg/l)	Manganese (µg/l)	Iron (µg/l)	Alpha, Gross (as Americium) (pCi/l)	Fecal Coliform (col/100ml)
		MCL	4.00	500.0(1)	10.0	6.5 - 8.5			10.0	50.0(1)	300.0(1)	15.0	0
WQ1	04N 01E 11BBB1	4	0.42	636.5	7.08	7.61	16.5	61.7	5.93	<2.20	<29.0	42.3(3)	<1
WQ2	04N 01E 13BAAA1	3	0.29	157.3	1.95	7.12	16.9	62.5	7.33	<2.20	7.57	0.80(2)	<1
WQ3	04N 01E 15BADC1	10	0.50	172.3	1.70	7.03	13.4	56.0	1.91	<37.0	<270.0	3.45(3)	<1
WQ4	04N 01E 16AAA1	2	0.40	181.0(2)	0.39	7.16	15.8	60.4	2.00	<1.00	12.5	2.10(2)	<1(2)
WQ5	04N 02E 09CCD2	3	0.28	155.0	0.34	7.43	22.1	71.7	1.77	819.5	<36.0	0.30(2)	<1(3)
WQ6	05N 01E 26CDDC1	3	1.10	282.6	1.97	7.00	15.8	60.5	20.7	<4.00	<10.0	3.60(2)	<1
WQ7	05N 01E 26DCD1	3	2.90	208.7	<0.050	7.97	28.5	83.2	26.5	29.1	14.7	2.30(2)	<1
WQ8	05N 01E 33ADB1	3	0.25	87.7	<0.060	7.50	20.8	69.4	4.07	93.7	123.0	0.40(2)	<1
WQ9	05N 01E 34DCD1	4	1.08	589.3	9.68	7.03	13.8	56.8	14.5	<2.20	<8.00	19.4(3)	<1
WQ10	05N 01E 34DCD2	3	0.50	422.3	0.44	6.90	14.0	57.3	17.5	1030.0	95.0	2.80(2)	<3
Well 6A	05N 01E 36AAB1	1	0.40	215.0	1.90	7.19	16.4	61.5	8.00	<1.00	4.00	2.00	
WQ11	05N 02E 29BCC1	3	0.23	196.0	1.84	7.38	14.8	58.6	8.00	<2.20	<10.0	0.050(3)	<1(3)
WQ12	05N 02E 30CDC2	3	0.20	199.3	2.43	7.32	15.4	59.8	9.57	<1.00	<10.0	0.00(3)	<2
WQ13	05N 02E 31ADC1	1	0.50	274.0	0.088	8.00	14.2	57.6	3.00	230.0	19.0	0.00	<1
WQ14	05N 02E 31BCC1	3	0.38	201.7	<0.12	7.50	18.6	65.5	13.4	<17.0	<110.0	2.40(2)	<1
		Average	0.63	265.2	<2.00	7.34	17.1	62.8	9.61	<151.5	<50.6	<1.00	<2

(1) Secondary standards guidelines pertaining largely to aesthetic qualities.

(2) Based on 1 sample.

(3) Based on 2 samples.

Bold values highlighted in yellow have average values exceeding the relevant primary MCL.

Bold values highlighted in tan have average values exceeding the relevant secondary MCL.

Table 1. Average concentrations of selected water quality constituents.

01E 34DCD1. Elevated nitrate concentrations often indicate seepage from agricultural fertilizers and/or septic systems.

No wells in the vicinity of the Dry Creek Ranch property had concentrations of fluoride greater than the primary MCL of 4 mg/l. The highest average concentration observed was 2.9 mg/l in geothermal well 05N 01E 26DCD1, located just north of the Dry Creek Ranch property. Geothermal water often contains elevated fluoride levels (above ~2 µg/l).

The average pH from all of the investigated wells was 7.34. No wells had a sample pH outside the optimum range for drinking water of 6.5 to 8.5. Water temperatures averaged 62.8°F in the 15 wells, with a maximum temperature of 85.1°F measured at station 05N 01E 26DCD1 in 1997. Of the 15 stations sampled since 1991, three are classified as geothermal wells by IDWR (04N 02E 09CCD2, 05N 01E 26DCD1, and 05N 01E 33ADB1). The average water temperature in these three wells was 74.8°F. Average concentrations of manganese exceeded the secondary MCL of 50.0 µg/l at four monitoring stations, with a maximum of 1,030.0 µg/l at station 05N 01E 34DCD2. No stations had average concentrations of iron in excess of the secondary MCL of 300.0 µg/l. Regulatory levels for iron and manganese are established for aesthetic reasons (e.g, taste, odor, staining, or hardness). The average concentration of total dissolved solids in the 15 wells was 265.2 mg/l, with two stations having average concentrations greater than the secondary MCL of 500.0 mg/l. A maximum average concentration of 636.5 mg/l was measured at station 04N 01E 11BBB1. Water with total dissolved solids concentrations greater than 500 mg/l may pose aesthetic problems.

2.4.1.3. Geothermal Groundwater Quality

Of the four geothermal wells sampled in 1972 and 1977, three wells had at least one water quality parameter that exceeded the current primary MCL (see Table 2). The other well did not exceed any relevant MCL (see).

Arsenic concentrations were greater than the current MCL of 10.0 µg/l in two wells. Station 05N 01E 35ACA1 (Well 7) located on the Dry Creek Ranch property had a fluoride concentration of 11.0 mg/l, greater than the primary MCL of 4.0 mg/l.

Map ID	Water Quality Station	Date	Measured Values[1]								
			Fluoride (mg/l)	Solids (mg/l)	Nitrate (mg/l)	pH	Water Temp (°C)	Water Temp (°F)	Arsenic (µg/l)	Manganese (µg/l)	Iron (µg/l)
		MCL	4.00	500.0[2]	10.0	6.5 - 8.5			10.0	50.0[2]	300.0[2]
WQ15	04N 02E 04BDC1	8/9/1977	2.00	210.0	0.00	7.30	29.0	84.2	21.0	6.00	210.0
WQ16	05N 01E 25BCC1	8/8/1977	1.80	245.0	0.00	8.60	28.0	82.4	0.0	18.0	150.0
WQ7	05N 01E 26DCD1	8/9/1977	3.50	205.0	0.00	7.90	29.0	84.2	27.0	18.0	210.0
Well 7	05N 01E 35ACA1	5/31/1972	11.0	184.0	0.05	7.50	40.0	104.0	1.40[3]	1.60[3]	0.00
		Average	4.58	211.0	0.013	7.83	31.5	88.7	12.4	11.4	142.5

(1) Data obtained from IDWR (1980).

(2) Secondary standards guidelines pertaining largely to aesthetic qualities.

(3) These values were originally reported as being greater by a factor of 1000, but recent sampling indicates that units were likely incorrectly stated.

Bold values highlighted in yellow have average values exceeding the relevant primary MCL.

Bold values highlighted in tan have average values exceeding the relevant secondary MCL.

Table 2. Water quality data from geothermal wells.

2.4.1.4. Discussion of Ground Water Quality

Recent water quality data from the Jeker wells indicates very good water quality. In the vicinity of the Dry Creek Ranch property, many wells also have good water quality. Arsenic concentrations were high in some of the surrounding wells, but elevated arsenic levels have not been detected in any wells on the Dry Creek Ranch property. Fluoride was elevated at Well 7 (Jeker Hot Well), but fluoride levels are often high in geothermal wells.

The recent sampling shows that iron, manganese, and total dissolved solids from the Jeker wells are all below their secondary MCLs. Sampling from nearby wells indicates that solids and manganese concentrations are elevated, but the quality impacts from these constituents are cosmetic or aesthetic in nature, not health-related. Elevated concentrations of selected constituents are often associated with discrete aquifer zones. One strategy for well construction in these areas is to seek aquifer zones having acceptable water quality characteristics. Water treatment may be considered for areas having ground water that exceeds primary or secondary MCLs.

2.5. Geothermal Water Supplies

The Dry Creek Ranch property has the potential for using geothermal water to heat homes and for other purposes. Mink and Graham (1977) identified the Dry Creek Valley as having high potential for developing geothermal energy sources. The IDWR Geothermal Internet Map Server (http://maps.idwr.idaho.gov/geothermal/

viewer.htm) was used to identify 21 geothermal wells near the Dry Creek area (see Figure 10). This map server links to the Geothermal Database for Idaho, which contains wells with water temperatures of 68°F or higher.

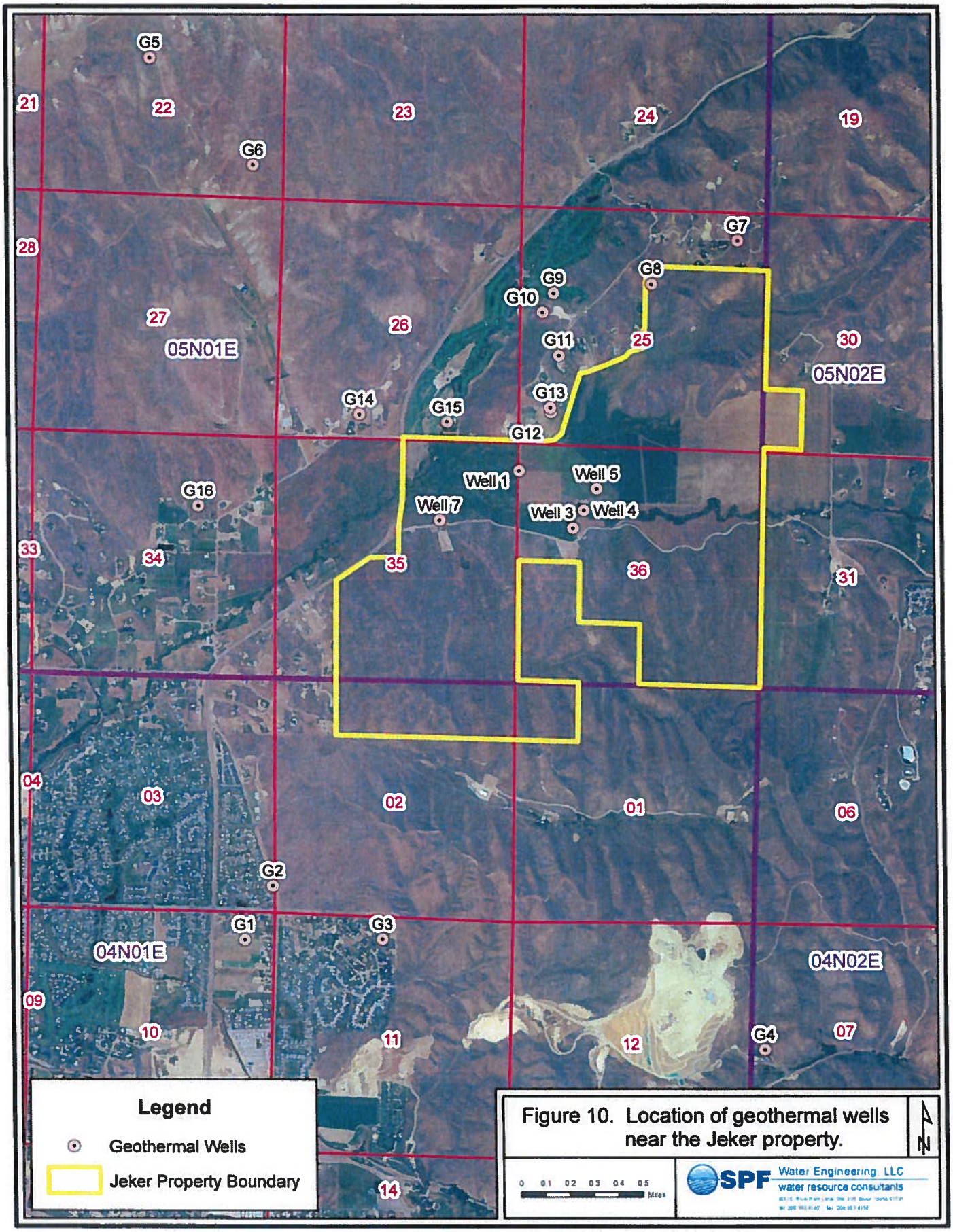
The 21 wells in the vicinity of the Dry Creek Ranch property have discharge temperatures ranging from 68°F to 142°F, and depths ranging from 175 to 1,540 feet (see Table 3). Mink and Graham (1977) report a normal increase in water temperature with an increase in well depth for geothermal wells in the Boise area. Of the three wells with temperatures over 100°F in Table 3, two are at least 1,000 feet deep.

A few wells near the Dry Creek Ranch property are currently being used for or have historically been used for heating homes. Wells G12 and G16 are listed in the Geothermal Database as being used for space heating of residential areas. Well G12 has a discharge temperature of 79°F, a depth of 460 feet, and a discharge of 100 gpm. Well G16 has a discharge temperature of 140°F, a depth of 1,540 feet, but no recorded discharge. Well G15 has been reported by Mink and Graham (1977) as being used for heating a house and pool. This well has a discharge temperature of 84°F, a depth of 688 feet, and a discharge of 900 gpm.

There are five wells within the Geothermal Database that are located on the Dry Creek Ranch property. These are wells 1, 3, 4, 5, and 7 in Figure 10. These wells have discharge temperatures ranging from 75°F (Well 5, Pasture Well) to 107°F (Well 7, Hot Well). The Pasture Well has a reported depth of 397 feet and a discharge of 20 gpm. The Hot Well has a depth of 997 feet and a discharge of 22 gpm. The other three wells have a temperature of 80°F, but no recorded depths or discharges. These geothermal wells are located outside the Boise Front Low Temperature Geothermal Resources Ground Water Management Moratorium Area, established in June 1988.

Based on the discharge temperature from Well 7, this well could potentially be used for space heating of residential areas. The other wells probably have temperatures too low for direct household heating use, but this water could possibly be used for other purposes (e.g., de-icing sidewalks) or for heating using water-to-air heat pumps.

For development of new geothermal wells for the purpose of heating homes on the Dry Creek Ranch property, wells would likely have to be at least 1000 feet deep. In general, there is a direct relationship between well depth and water temperature. Mink and Graham (1977) have calculated a geothermal gradient of 2.58°F per 100 feet in a well to the east of Dry Creek.


G5
21
22
23
24
19
G6
28
G7
G8
G9
G10
27
26
G11
25
30
05N01E
05N02E
G13
G14
G15
G12
Well 1
Well 5
G16
Well 7
Well 3
Well 4
33
34
35
36
31
04
03
02
01
06
G2
G1
G3
04N01E
04N02E
09
10
11
12
G4
07
14
Legend
Geothermal Wells
Jeker Property Boundary
Figure 10. Location of geothermal wells near the Jeker property.
N
0 01 02 03 04 05
Miles
SPF Water Engineering, LLC
water resource consultants

Well ID	TRS	Name in Geothermal Database	Primary Water Use	Primary Thermal Use	Well Depth (feet)	Discharge Temp (°F)	Discharge (gpm)	Construction Date
G1	04N 01E 10NENE	GROUND WATER				79		
G2	04N 01E 10NENENE	HARDEN WELL	IRRIGATION		340	142		10/1/1950
G3	04N 01E 11NENENW	GROUND WATER			305	68		7/23/1986
G4	04N 02E 07NENWNWSW	ADA COUNTY LANDFILL WELL	DOMESTIC		550	70		1/15/1987
G5	05N 01E 22SESENW	GROUND WATER			400	98		7/5/1996
G6	05N 01E 22SESE	CULLEN CONNOLLY WELL			400	98		
G7	05N 01E 25NENE	BEN STADLER WELL #2	DOMESTIC		175	73		11/9/1972
G8	05N 01E 25NWSWNE	JOHN BOEHM WELL	DOMESTIC		197	68		
G9	05N 01E 25SWNW	SHADOW VALLEY GOLF COURSE WELL #2	IRRIGATION		255	80		6/19/1991
G10	05N 01E 25SWSWNW	SHADOW VALLEY GOLF COURSE WELL #1	IRRIGATION		303	82	450	11/28/1972
G11	05N 01E 25SWNWSW	DON SWANSON WELL	DOMESTIC		312	70	40	
G12	05N 01E 25SWSW	RON AND JUDY HUTT WELL	DOMESTIC	SPACE HEATING - RESIDENTIAL	460	79	100	6/5/1987
G13	05N 01E 25NWSWSW	JOHN FERGUSON WELL	DOMESTIC		500	77	70	12/5/1972
G14	05N 01E 26SWSESW	D. MCARTHUR WELL	DOMESTIC		620	73		3/30/1970
G15	05N 01E 26SESWSE	BEN STADLER WELL #1	DOMESTIC	HEAT HOUSE AND POOL	688	84	900	8/12/1964
G16	05N 01E 34SWNE	WALLACE CONNALLY WELL	HEATING	SPACE HEATING - RESIDENTIAL	1540	140		11/10/1989
Well 1	05N 01E 35NENE	JULIUS JEKER WELL #1 (PAINE WELL)	IRRIGATION			80		
Well 7	05N 01E 35NESWNE	JULIUS JEKER WELL #2 (HOT WELL)			997	107	22	
Well 3	05N 01E 36SWNW	JULIUS JEKER WELL #4 (WEST OF LANE WELL)				80		
Well 4	05N 01E 36SENW	JULIUS JEKER WELL #5 (HOUSE WELL)				80		
Well 5	05N 01E 36NWSENW	JULIUS JEKER WELL #3 (PASTURE WELL)	IRRIGATION		397	75	20	

Table 3. Geothermal wells located on or near the Dry Creek Ranch property.

2.6. Consumptive Use Estimates

The historic consumptive irrigation requirements expected for the proposed Dry Creek Ranch property have been estimated. Figure 11 depicts the ranch based on 1987 aerial photography, and Figure 12 is based on 1994 photography. Both images indicate the property was irrigated and farmed within the boundaries of the IDWR recommended place of use. Based on these images, and per a field visit by Scott King of SPF in the summer of 2005, historic crops likely included alfalfa, pasture, corn, and perhaps summer or winter grain.

The IDWR standard total diversion volume for this area is 4.5 acre-feet per acre (afa) per year. On-line recommendations to claims appurtenant to this property including 63-4023B, 63-4086B, 63-2535, and 63-7123 indicate that IDWR is recommending 4.5 afa over a 392-acre irrigated area. Therefore, the total anticipated diversion volume from ground water is 1764 acre-feet (392 acres x 4.5 afa).

Table 4 provides an estimate of the total consumptive irrigation requirement (CIR) for the 392 acres of irrigated land. These estimates are based on consumptive requirements from Allen & Brockway, 1983, using the Boise WSO AP station. Also, it is assumed that half of the total acres were alfalfa, with the remainder evenly split between pasture, winter grain, and spring grain. These cropping patterns are assumptions only; the actual historic cropping patterns are unknown at this time. Based on the assumed crops and the referenced consumptive irrigation requirements, the total approximate consumptive irrigation use on the Dry Creek Ranch property was 1040 acre-feet per year.

Crop	CIR (mm/yr)	CIR (feet/yr)	Acres	CIR (ac-feet)
Alfalfa Hay	899	2.95	196	578
Pasture	887	2.91	65	189
Winter Grain	675	2.21	65	144
Spring Grain	598	1.96	66	129
Total			392	1040

Table 4. Consumptive irrigation requirements for Dry Creek Ranch.

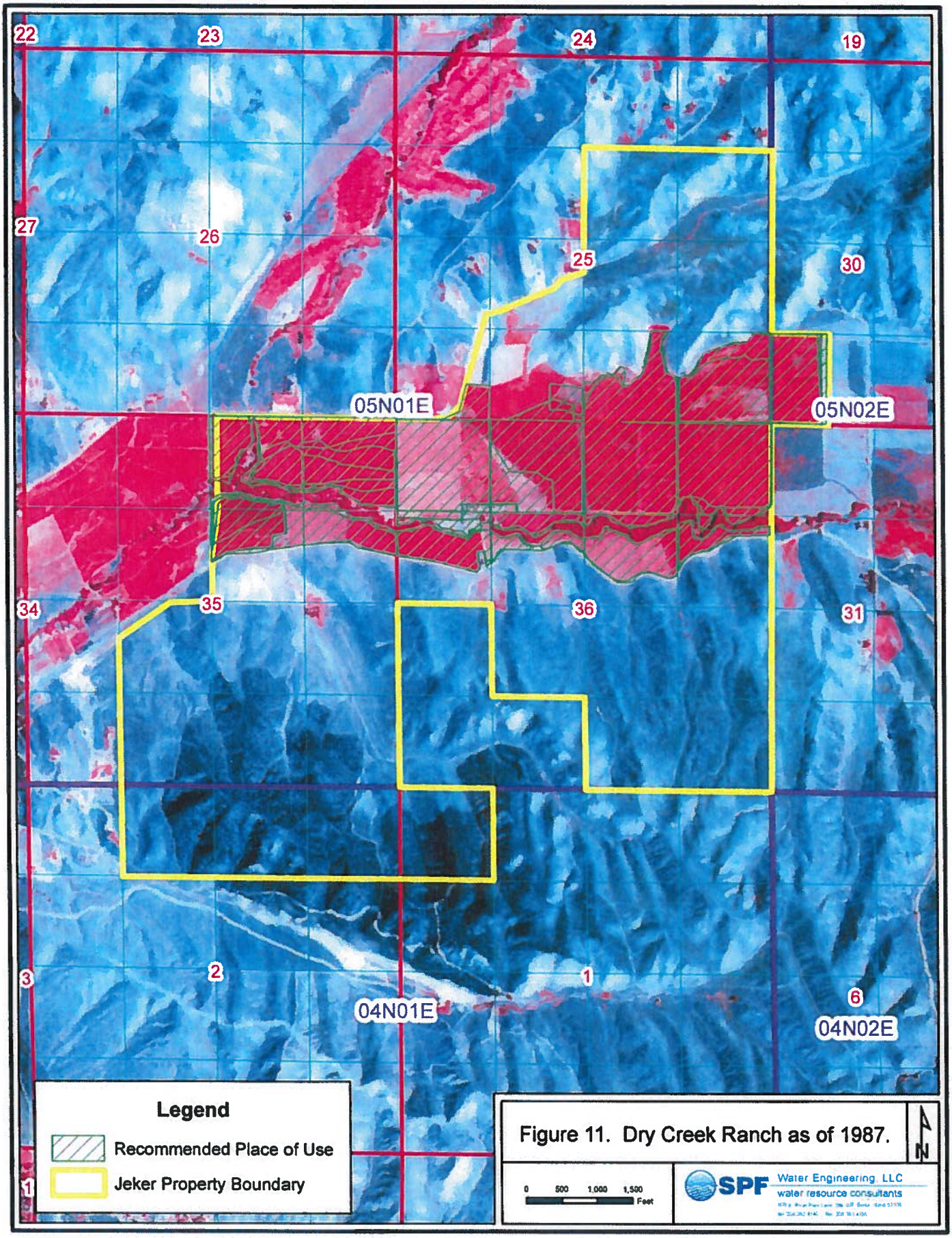


Figure 11. Dry Creek Ranch as of 1987.

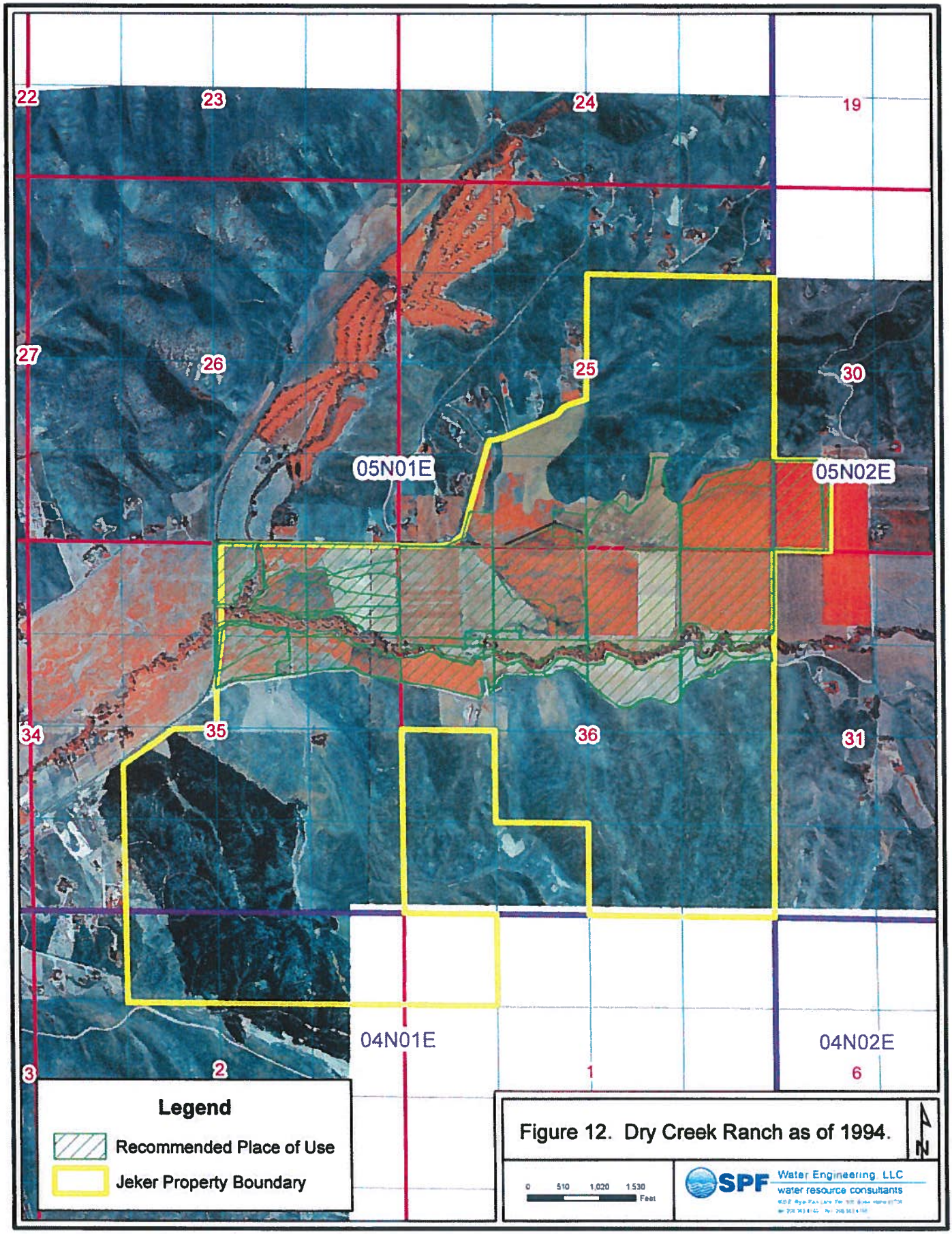


Figure 12. Dry Creek Ranch as of 1994.

3. SUMMARY

3.1. Water Supply Potential

The potential for adequate ground water supplies to provide water for irrigation and domestic uses on the Dry Creek Ranch property appears to be variable, depending upon the localized ground water environment. In the east-central part of the property, wells have produced up to 3,000 gpm. These wells were completed in a shallow sand and gravel aquifer at depths between 100 and 300 feet. It is likely that one or more high capacity municipal supply wells can be constructed in this area. Although this aquifer has been used for irrigation of the Dry Creek Ranch property and adjacent lands for many years without significant decline, the sustainability yield from this source is unknown.

In the northern part of the property, a well with a total depth of 232 feet reportedly produced a maximum short-term yield of 700 gpm, but was ultimately not developed for irrigation use, apparently as a result of insufficient yield. Other wells on the property completed in low permeability clays are far less productive, producing 1 to 150 gpm. These wells are found in the western part of the property, with depths ranging from 41 to 400 feet. Location appears to be more of a factor affecting production than depth.

Nearby wells in the foothills to the north of the property have moderate production (between 25 and 30 gpm). These wells were completed in sand and gravel or fractured granite at depths between 360 and 1000 feet. Nearby wells at lower elevations completed in clay produce less than 25 gpm. As expected, wells at lower elevations completed in sand and gravel have higher production (15 to 900 gpm). Numerous artesian wells are present on the property, indicating penetration of the confined deep aquifer. The older artesian wells on the property were used for irrigation for over 50 years, but flows were variable and generally less than 1.0 cfs (450 gpm). It was noted in 1974 in a water rights application filed by Julius Jeker that the four artesian wells (probably wells 1, 2, 3, and 5) could no longer be used, due in part to decreased artesian flows.

In general, ground water quality on the Dry Creek Ranch property appears to be very good. Only one well on the property (the Hot Well) had any water quality parameters that exceeded relevant standards. The primary MCL for fluoride was exceeded in the geothermal well, but fluoride levels are often high in geothermal wells. Wells in the vicinity of the property have good water quality, although some of these wells have had elevated concentrations of arsenic, gross alpha, nitrate, manganese, and fecal coliform. Arsenic is a potential concern for new wells drilled on the property. While recent water sampling does not indicate elevated arsenic concentrations on the property, arsenic concentrations exceeding the primary MCL have been observed in nearby monitoring wells.

Five wells on the property have recorded discharge temperatures of 68°F or greater. One well drilled into the geothermal aquifer system (at a depth of 997 feet) has a recorded temperature of 107°F. Based on this temperature and uses of geothermal water from nearby wells, it appears that the Dry Creek Ranch property has the potential for using geothermal water to heat homes and for other residential purposes. Wells drilled for this purpose will probably have to be at least 1,000 feet deep.

3.2. Recommendations

The following recommendations are made on the basis of this review:

1. Evaluate specific aquifer conditions during and following construction of initial wells. This evaluation should include lithologic descriptions, aquifer testing, and water quality sampling and analysis.
2. Evaluate alternative options for supplying water for domestic irrigation, domestic, and commercial uses. This will reduce the amount of ground water needed for the various development demands.
3. Monitor water levels in selected wells during and following construction on a periodic basis (e.g., semi-annual).

3.3. Limitations

This analysis was performed using available data from wells on and in the vicinity of the proposed development. The east-central part of the property appears to be the most productive area to drill wells. However, hydrogeologic conditions underlying the proposed development may differ from those described based on the information reviewed in this report. Ultimate development of ground water resources for the proposed Dry Creek Ranch development will depend on specific water requirements, local aquifer characteristics, aquifer sustainability, and well densities. Treatment for water quality constituents may be necessary. Implementing the recommendations listed in Section 3.2 will help confirm our expectation of the water supply available for the proposed development.

4. REFERENCES

Baker, S.J. 1991. Ground-water conditions in the Dry Creek area, Eagle, Idaho. Idaho Department of Water Resources Open-File Report. 27 p.

Idaho Department of Water Resources. 1980. Geothermal investigations in Idaho, Part 9: Potential for direct heat application of geothermal resources. Water Information Bulletin No. 30. 396 p.

Mink, L.L., and D.L. Graham. 1977. Geothermal potential of the west Boise area. Prepared by Boise State University for the Energy Research and Development Administration, Division of Geothermal Energy and Idaho Operations Office. 33 p.

Savage, C.N. 1958. Geology and mineral resources of Ada and Canyon Counties. Idaho Bureau of Mines and Geology, County Report No. 3.

United States Geological Survey. 1996. Statistical summaries of streamflow data for selected gaging stations in Idaho and adjacent states through September 1990 – Volume 1: Gaging stations with 10 or more years of record. Water Resources Investigations Report 94-4069. 533 p.

Appendix A: Summary of Drillers' Reports for the Jeker Wells

Well ID	Contact	Use	TWP	RNG	SEC	Tract	Gov. Lot	Well Address	Sub	Bl	L	Gallons Per Minute	Static Water Level	Total Depth	Casing Depth	CSG. DIA.	Construction Date	Permit Number	Tag Number
6A	JEKER, JULIUS		05N	01E	36	NWSE						2400	15	230	220	12	4/2/1968	816851	
7	JEKER, JULIUS	Irrigation	05N	01E	35	SWNE						150	Above Ground Level	100				723126	
8	JEKER, JULIUS	Domestic-Single Residence	05N	01E	35	SWNE		6598 DRY CREEK				20	16	41	-28	6	6/29/2000	765035	D0015197
9	JOKER, JULIUS	Irrigation	05N	01E	25	NWNW						700	72	232			12/9/1975	830771	
10	JEKER, JULIUS	Domestic-Single Residence	05N	01E	35	SENW		1/4 MILE S OF DRY CREEK RD, EAST SIDE HWY 55				5	Above Ground Level	400	38	6	7/27/1997	731479	D0001029
11	JEKER, JULIUS	Domestic-Single Residence	05N	01E	35	NWNE		HWY 55, E SIDE APPROX 1/2 MI N OF BEACON LIGHT				1	160	300	35	6	8/5/1997	731509	D0001033

Appendix B: Driller's Reports for the Jeker Wells

Well 6A 816851 USN 01E 36AAB1

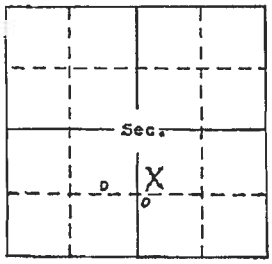
RECEIVED
MAY 15 1968
Department of Reclamation

REPORT OF WELL DRILLER
State of Idaho

State law requires that this report shall be filed with the State Reclamation Engineer within 30 days after completion or abandonment of the well.

WELL OWNER:
Name Julius Jeker
Address Route # I, Dry Creek Road
Boise, Idaho
Owner's Permit No. B-58423
NATURE OF WORK (check): Replacement well [x]
New well [ ] Deepened [ ] Abandoned [ ]
Water is to be used for:
METHOD OF CONSTRUCTION: Rotary [ ] Cable [x]
Dug [ ] Other (explain)
CASING SCHEDULE: Threaded — Welded —
16 "Diam. from 0 ft. to 144 ft.
12" "Diam. from 134 ft. to 170 ft.
"Diam. from ft. to ft.
"Diam. from ft. to ft.
Thickness of casing: 1/4 Material:
Steel [x] concrete [ ] wood [ ] other [ ] (explain)
PERFORATED? Yes [ ] No [ ] Type of perforator used:
ARMCO SCREENS 60 SLOT
Size of perforations: " by "
perforations from 144 ft. to 154 ft.
perforations from 164 ft. to 174 ft.
perforations from 184 ft. to 194 ft.
perforations from 204 ft. to 214 ft.
WAS SCREEN INSTALLED? Yes [x] No [ ]
Manufacturer's name Johnson T2" pipe size
Type Armco Iron Model No.
Diam. 12 Slot size 60 Set from ft. to ft.
Diam. Slot size Set from ft. to ft.
CONSTRUCTION: Well gravel packed? Yes [ ]
No. [ ] size of gravel Gravel placed from ft. to ft. Surface seal provided? Yes [x] No [ ] To what depth? ft. Material used in seal: Clay
Did any strata contain unusable water? Yes [ ]
No. [x] Type of water:
Depth of strata ft. Method of sealing strata off:
Surface casing used? Yes [ ] No. [x]
Cemented in place? Yes [ ] No [x]

Locate well in section



LOCATION OF WELL: County Ada
n w ¼ s e ¼ Sec. 36 T. 5 N/S R. 1 E/W

Size of drilled hole: 16" Total depth of well: 213 ft. Standing water level below ground: 15" ft. Temp. Fahr. ° Test delivery: 2400 gpm or cfs Pump? [ ] Bail [ ]
Size of pump and motor used to make test: Turbine
Length of time of test: 8 Hrs. Min.
Drawdown: 16 ft. Artesian pressure: ft. above land surface Give flow cfs or gpm. Shutoff pressure:
Controlled by: Valve [ ] Cap [ ] Plug [ ]
No control [ ] Does well leak around casing? Yes [ ] No [x]

DEPTH FROM FEET	DEPTH TO FEET	MATERIAL 46565	WATER YES OR NO
0	4	Top soil	
4	38	Decomposed sand & top soil	
38	45	Coarse sand	
45	56	" "	
56	58	Soft blue shale clay	
58	72	Gravel sand	
72	77	Qtz sand	
77	I85	Sand & gravel	
I85	I95	Coarse sand, some clay streaks	
I95	230	Coarse granite sand	
		Lead packer at I34 ft. from ground surface	
		I4" pipe on top of first screen	

Work started: 3/7/68
Work finished: 4/21/68
Well Driller's Statement: This well was drilled under my supervision and this report is true to the best of my knowledge.
Name: Kenneth Witt
Address: Route 4, Caldwell, Idaho.
Signed by: Kenneth Witt
License No. 55 Date: 5/9/68

Use other side for additional remarks

USGS

63 copied

Well 7 723126

Form 238-7
9/82

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR BALLPOINT PEN

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name Julius Jaker

Address Rt #1 Dry Creek Rd Boise

Owner's Permit No. 63-89-Z-168/A63-17455

2. NATURE OF WORK

☐ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

Repair old well

3. PROPOSED USE

☒ Domestic ☒ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED

☒ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☐ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
.260 inches	6 inches +	18" feet	63 feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

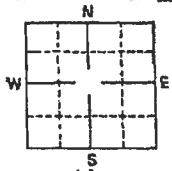
Was casing drive shoe used? ☐ Yes ☐ No
Was a packer or seal used? ☐ Yes ☐ No
Perforated? ☐ Yes ☐ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☐ Yes ☐ No
Manufacturer's name _____
Type _____ Model No. _____
Diameter ___ Slot size ___ Set from _____ feet to _____ feet
Diameter ___ Slot size ___ Set from _____ feet to _____ feet
Gravel packed? ☐ Yes ☐ No ☐ Size of gravel _____
Placed from _____ feet to _____ feet
Surface seal depth _____ Material used in seal: ☐ Cement grout ☐ Bentonite ☐ Puddling clay ☐ _____
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☐ Overbore to seal depth
Method of joining casing: ☐ Threaded ☐ Welded ☐ Solvent ☐ Weld ☐ Cemented between strata
Describe access port _____

6. LOCATION OF WELL

Sketch map location must agree with written location



Subdivision Name _____
Lot No. _____ Block No. _____
County Ada
S/W ¼ N/E ¼ Sec. 35, T. 5 ☒N ☐S, R. 1 ☐E ☒W.

MICROFILMED AUG 1 3 1990

7. WATER LEVEL

Static water level _____ feet below land surface.
Flowing? ☒ Yes ☐ No G.P.M. flow 60
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☒ Valve ☐ Cap ☐ Plug
Temperature _____ °F. Quality _____
Describe artesian or temperature zones below.

8. WELL TEST DATA

☒ Pump ☐ Bailer ☐ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
150	10	1

71059

9. LITHOLOGIC LOG

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
6	0	44	sand & clays		
	44	100	blue clay		
			Ream 6" over 3" casing, drove 6" casing into blue clay		
			Pulled 3" casing 48' long		
			Drilled 6" to 100'		
			Regain flow at 100'		

RECEIVED
DEC 28 1989
Department of Water Resources
Western Regional Office

10.

Work started 8/29/89 finished 9/6/89

11. DRILLERS CERTIFICATION DL

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name W.E. Stevens & Sons Firm No. 153

Address 3709 Hawthorne Dr Date 11/29/89

Signed by (Firm Official) Wayne E Stevens

and

(Operator) Wayne E Stevens

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

We118 765035

765035

Form 238-7
3/95

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Use Typewriter or Ballpoint Pen

Office Use Only
Inspected by _____
Twp____ Rge____ Sec____
____1/4 ____1/4 ____1/4
Lat: : : Long: : :

1. DRILLING PERMIT NO. 15197 - - - -
Other IDWR No. 862275/765035

2. OWNER:
Name Julius Jeker
Address 6598 Dry Creek Rd
City Eagle State ID Zip 83616

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

Twp. 5 North XX or South ☐
Rge. 1 East XX or West ☐
Sec. 35, ____ 1/4 S/W (40 acres) 1/4 N/E (160 acres) 1/4
Gov't Lot ____ County Ada
Lat: : : Long: : :
Address of Well Site 6598 Dry Creek
City Eagle
(Give at least name of road + Distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. USE:
XX Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)
XX New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD
☐ Air Rotary XX Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
bentonite chp	0	18	12 Sk	poured
3/8 gravel	18	41		poured

Was drive shoe used? ☐ Y XX N Shoe Depth(s) _____
Was drive shoe seal tested? ☐ Y ☐ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+1½	28½	.250	steel	XX	☐	☐	☐
6"	38½	41½	.250	steel	☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe 30' Length of Tailpipe 3'

9. PERFORATIONS/SCREENS
XX Perforations Method torch cut
☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
28½	38½		102	6"	steel	XX	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
18 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: well seal

11. WELL TESTS:
XX Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
20	9'	27'	4 hr

Water Temp. _____ Bottom hole temp. _____
Water Quality test or comments: _____
Depth first Water Encountered _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
10	0	3	black clay topsoil		X
	3	18	sandy tan clay		X
	18	34	sandy tan clay-sand streaks	X	some
	34	37	slightly cemented sand	X	
	37	40	sticky blue clay	X	some
	40	41	sticky blue clay		X

RECEIVED
JUL 17 2000
WATER RESOURCES
WESTERN REGION

RECEIVED
AUG 03 2000
Department of Water Resources

Completed Depth 41' (Measurable)
Date, Started 6/26/00 Completed 6/29/00

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Stevens & Sons Firm No. 153
Firm Official and Supervisor or Operator _____ Date 7/10/00
(Signature of Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

765035

TEST PUMP

TOP OF PIPE 1½' ABOVE GROUND
PUMPING LEVEL. 23'3" from TOP OF PIPE
STATIC 18'
START PUMP AT 12 GPM

	TIME	DRAWDOWN
start	9:20	23'3"
	9:40	23'3"
	10:10	23'2⅓"
	10:20	23'2½"
	10:30	23'2⅔"
20 GPM	10:30	26'2"
	10:35	26'5"
	10:40	26'7"
	10:45	26'9½"
	10:50	26'9½"
	10:55	26'9 3/4"
	11:00	26'9 7/8"
	11:05	26'10¼"
	11:10	26'10½"
	11:15	26'10 3/4"
	11:20	26'11"
	11:25	26'11¼"
	11:30	26'11½"
	11:35	26'11 3/4"
	11:40	27'
	11:45	27'
	12:00	27'⅛"
	12:30	27'1"
	1:00	27'2"
	1:30	27'2"

RECOVERED IN 4 MINUTES

RECEIVED
AUG 0 3 2000
Department of Water Resources

We 119 830771

USE TYPEWRITER OR BALL POINT PEN

State of Idaho
Department of Water Administration

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Administration within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name: Julius Jaker

Address: Dry Creek

Owner's Permit No.:

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

☐ Domestic ☒ Irrigation ☐ Test ☐ Other (specify type)

☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or injection

4. METHOD DRILLED

☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 12 inches Total depth 232 feet

Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
.250 inches	12 inches	2 feet	178 feet
.250 inches	8 inches	150 feet	132 feet
.250 inches	8 inches	161 feet	155 feet
.250 inches	8 inches	171 feet	232 feet
____ inches	____ inches	____ feet	____ feet

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☒ Yes ☐ No

How perforated? ☐ Factory ☐ Knife ☒ Torch

Size of perforation .125 inches by 8 inches

Number		From		To	
50	perforations	201	feet	206	feet
50	perforations	211	feet	216	feet
50	perforations	227	feet	232	feet

Well screen installed? ☒ Yes ☐ No

Manufacturer's name Johnson

Type Stainless Model No. 405

Diameter 8 Slot size 35 Set from 150 feet to 155 feet

Diameter 8 Slot size 35 Set from 161 feet to 171 feet

Gravel packed? ☒ Yes ☐ No Size of gravel .40

Placed from 232 feet to 140 feet

Surface seal depth 30 Material used in seal ☐ Cement grout ☒ Puddling clay ☐ Well cuttings

Sealing procedure used ☐ Slurry pit ☒ Temporary surface casing ☒ Overbore to seal depth

6. LOCATION OF WELL

Sketch map location must agree with written location.

(3)

N / W / E / S

Subdivision Name

Lot No. Block No.

County Ada

NW ¼ NW ¼ Sec. 25, T. 5 N S, R. 1 E W

7. WATER LEVEL

Static water level 72 feet below land surface

Flowing? ☐ Yes ☒ No G.P.M. flow

Temperature ° F. Quality

Artesian closed-in pressure p.s.i.

Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☒ Pump ☐ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped
700		

9. LITHOLOGIC LOG 46613

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
16	0	12	Sandy Subsoil		x
16	12	64	Sandy clay		x
12	64	86	Sand	x	
12	86	89	Clay		x
12	89	91	Sand		x
12	91	101	Clay		x
12	101	149	Blue Clay		x
12	149	151	Sand	x	
12	151	159	Blue Clay		x
12	159	162	Sand	x	
12	162	172	Blue Clay		x
12	172	179	Sand	x	
12	179	195	Siltstone	x	
12	195	213	Blue Clay		x
12	213	220	Brown Sandy Clay	x	
12	220	225	Granite Boulder		x
12	225	227	Brown Clay		x
12	227	232	Granite		x

10.

Work started 9/22/75 finished 12/9/75

11. DRILLERS CERTIFICATION

Firm Name Engleman Firm No. 47

Address 1309 Rand Street Boise Date 12/14/75

Signed by (Firm Official) Roy J Engleman

and

(Operator) Leroy Engleman

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE COPY TO THE DEPARTMENT

Well ID 731479

Form 238 7
3/95

C

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT
Use Typewriter or Ballpoint Pen

66341

Office Use Only
Inspected by _____
Twp____ Rge____ Sec____
____1/4 ____1/4 ____1/4
Lat: : : Long: : :

1. DRILLING PERMIT NO. ____-D-000102 9
Other IDWR No. 63-97-W-0464-200

2. OWNER:
Name JULIUS JEKER
Address 6598 DRY CREEK Rd.
City EAGLE State ID Zip 83616

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

Twp. 5 North ☒ or South ☐
Rge. 1 East ☒ or West ☐
Sec. 35 ____ 1/4 SE 1/4 (10 acres) NW 1/4 (160 acres)
Govt Lot ____ County ADA
Lat: : : Long: : :
Address of Well Site ¼ mi So. of Dry Creek Rd EAST SIDE HWY 55 City EAGLE
(Give at least name of road + Distance to Road or Landmark)

Lt ____ Blk. ____ Sub. Name ____

4. USE:
☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other ____

5. TYPE OF WORK check all that apply (Replacement etc.)
☒ New Well ☐ Modify ☐ Abandonment ☐ Other ____

6. DRILL METHOD
☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other ____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
BENTONITE	0	18	450 lbs	OVERBORE

Was drive shoe used? ☐Y ☒N Shoe Depth(s) ____
Was drive shoe seal tested? ☐Y ☒N How? ____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	1½	38'	.25	STEEL	☒	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe ____ Length of Tailpipe ____

9. PERFORATIONS/SCREENS
☐ Perforations Method ____
☐ Screens Screen Type ____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
____ ft. below ground Artesian pressure ½ lb.
Depth flow encountered ____ ft. Describe access port or control devices: ____

11. WELL TESTS:
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
5	—	400 ft	1 HR

Water Temp. 58° Bottom hole temp. ____
Water Quality test or comments: ____
Depth first Water Encountered ____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
10	0	3	TOP SOIL		X
	3	11	BEN CLAY		X
	11	18	TAN CLAY		X
6	18	33	TAN CLAY		X
	33	158	BLUE CLAY		X
	158	165	BLUE CLAY W SAND STREAKS	X	
	165	305	BLUE CLAY		X
	305	315	BLUE CLAY W/SAND STREAKS	X	
	315	400	BLUE CLAY		

RECEIVED
SEP 11 1997
Department of Water Resources
RECEIVED
SEP - 4 1997
WATER RESOURCES
WESTERN REGION
MICROFILMED
JAN 09 1998

Completed Depth 400' (Measurable)
Date Started 7-25-97 Completed 7-27-97

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Cooper Well Drilling Firm No. 409
Firm Official Larry E. Cooper Date 7-29-97
and
Supervisor or Operator ____ Date ____
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

Well # 731509

Form 238-7
9/95

C

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT 66340

Use Typewriter or Ballpoint Pen

Office Use Only
Inspected by _____
Twp ____ Rge ____ Sec ____
____1/4 ____1/4 1/4
Lat: : : Long: : :

1. DRILLING PERMIT NO. D-2001033
Other IDWR No 63-97-W-0495-000

2. OWNER:
Name Julius Jekes
Address 6598 Dry Creek Rd.
City Boise State ID Zip 83703

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

Twp. 5 North ☒ or South ☐
Rge. 1 East ☒ or West ☐
Sec. 35, ____ 10 acres 1/4 NW 40 acres 1/4 NE 160 acres 1/4
Gov't Lot ____ County Ada
Lat: : : Long: : :
Address of Well Site Hwy 55 East Side
approx 1/2 mile North of City ____
(Give at least name of road + Distance to Road or Landmark) Chevron or Beacon Light
Lt. ____ Blk. ____ Sub. Name ____

4. USE:
☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other ____

5. TYPE OF WORK check all that apply (Replacement etc.)
☒ New Well ☐ Modify ☐ Abandonment ☐ Other ____

6. DRILL METHOD
☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other ____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
Bentonite	0	18	450 LB	Overbore

Was drive shoe used? ☐Y ☒N Shoe Depth(s) ____
Was drive shoe seal tested? ☐Y ☐N How? ____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+1.5	35	.25	Steel	☒	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe ____ Length of Tailpipe ____

9. PERFORATIONS/SCREENS
☐ Perforations Method ____
☐ Screens Screen Type ____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
160 ft. below ground Artesian pressure ____ lb.
Depth flow encountered ____ ft. Describe access port or control devices: ____

11. WELL TESTS:
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
16PM	—	300	45 min

Water Temp. ____ Bottom hole temp. ____
Water Quality test or comments: ____
Depth first Water Encountered ____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
	0	4	Top Soil		X
	4	12	Brown Clay		X
	12	33	Tan Clay		X
	33	160	Blue Clay		X
	160	170	Sand Stringers	X	
	170	300	Blue Clay		X

RECEIVED
RECEIVED SEP - 4 1997
SEP 11 1997 WATER RESOURCES WESTERN REGION
MICROFILMED
Department of Water Resources
JAN 09 1998

Completed Depth 300 Feet (Measurable)
Date: Started 7-5-97 Completed 8-5-97

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Cooper Well Drilling Firm No. 109
Firm Official Gary E. Cooper Date 9-7-97
and
Supervisor or Operator Chuck Clark Date 8-7-97
(Sign one or both Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

Appendix C: Photos of Selected Jeker Wells



Well 1 (Paine well)



Well 2 (barn well)



Well 3 (corn well)



Well 4 (house well)



Hand Pump Well



Well 5 (pasture well)



Well 6A (big pump well)



Well 7 (hot well)



Well 8 (stockwater well)



Well 9



Monitoring Well

Appendix D: Summary of Drillers' Reports for Nearby Wells

Well ID	Contact	Use	TWP	RNG	SEC	Trast	Gov. Lot	WellAddress	Sub	Bl	L	Gallons Per Minute	Static Water Level	Total Depth	Casing Depth	CSG. DIA.	Construction Date	Permit Number	Tag Number
	BOKICH, ROBERT	Domestic	04N	01E	1	NENW							4	138			10/2/1903	782484	
	COUNTY OF ADA	Commercial	04N	01E	1	SWNW												732865	
11	COUNTY OF ADA	Domestic-Single Residence	04N	01E	1	NWSW		E OF OLD HWY 55, S OF DRY CREEK				10	135	400	38	6	8/18/1999	733608	D0012032
	HIDDEN HOLLOW LANDFILL ADA COUNTY	Monitoring	04N	01E	1	SENW		NEAR SEAMANS GULCH RD	B-25				140	180	160	2	4/13/2004	812462	D0031175
	HIDDEN HOLLOW LANDFIL ADA COUNTY	Monitoring	04N	01E	1	SENW		NEAR SEAMANS GULCH RD	B-26				26	39	185	2	4/14/2004	812463	D0031176
	HIDDEN HOLLOW LANDFIL ADA COUNTY	Monitoring	04N	01E	1	SENE		NEAR SEAMONS GULCH	B-22				50	63	45	2	4/7/2004	812452	
	HIDDEN HOLLOW LANDFIL ADA COUNTY	Monitoring	04N	01E	1	SWNW		GOOSE CREEK RD SE OF COP SHOP	MRB-40				30	60	30	2	7/28/2004	812456	D0031173
	HIDDEN HOLLOW LANDFIL ADA COUNTY	Monitoring	04N	01E	1	NWSE		1 MILE WEST OF SEAMANS GULCH RD					41	63	53	2	9/19/2003	810220	D0030940
	HIDDEN HOLLOW LANDFILL ADA COUNTY	Monitoring	04N	01E	1	NWSE		1 MILE WEST OF SEAMANS GULCH RD					12	30	20	2	8/29/2003	810222	D0030942
	HIDDEN HOLLOW LANDFILL ADA COUNTY	Monitoring	04N	01E	1	NWSE		1 MILE WEST OF SEAMANS GULCH RD					63	91	71.5	2	9/23/2003	810223	D0030943
	HIDDEN HOLLOW LANDFILL ADA COUNTY	Monitoring	04N	01E	1	NWSE		1 MILE WEST OF SEAMANS GULCH RD					38	88	48.5	2	9/24/2003	810230	D0030946
	HIDDEN HOLLOW LANDFILL ADA COUNTY	Monitoring	04N	01E	1	NESW		1 MILE WEST OF SEAMANS GULCH RD					3	40	43	2	9/2/2003	810234	D0030948
	HIDDEN HOLLOW LANDFILL ADA COUNTY	Monitoring	04N	01E	1	SWNE		NEAR SEAMONS GULCH	B-21				56	140	52	2	4/8/2004	812455	D0031171
	HIDDEN HOLLOW LANDFILL ADA COUNTY	Monitoring	04N	01E	1	NESW		NEAR SEAMANS GULCH RD					121	132	112	2	4/20/2004	813285	D0031249
	HIDDEN HOLLOW LANDFILL ADA COUNTY	Monitoring	04N	01E	1	NWSW		NEAR SEAMONS GULCH	B-24				52	53	43.5	2	4/5/2004	812460	D0031174
	HIDDEN HOLLOW LANDFILL ADA COUNTY	Monitoring	04N	01E	1	NWSW		near existing landfill north of goose creek ln				No Water	No Water	180	160	2	5/3/2004	813289	D0031250
15	QUINNEY, CALVIN SCOTT	Domestic-Single Residence	04N	01E	1	NESW		11850 N HORSESHOE BEND RD				0.3	90	400	-47	6	9/10/2000	766837	D0015495
	QUONG, BILL	Irrigation	04N	01E	1	SENE						150	20	83			7/11/1979	790416	
17	TERTELING, JOE	Test	04N	01E	1	NESW							18	615			4/1/1971	775275	
	TERTELING, JOE	Irrigation	04N	01E	1	NWSW						No Water	No Water	150			7/31/1973	790410	
	USSERY, DANNY	Domestic-Single Residence	04N	01E	1	SWNENE		BEACON LIGHT RD		1	1	30	35	148	148	6	6/14/1995	729414	
	ANDREGG, JIM	Domestic	04N	01E	2	NENW						1.5	41	300			8/31/1976	790417	
	ANDREGG, MARITA	Domestic-Single Residence	04N	01E	2	SWNW		10505 W JANIE PLACE				1.5	105	250	40	6	8/19/1991	724682	
6	ANDREGG, MARITA	Domestic-Single Residence	04N	01E	2	SWNW		10505 W JANIE PLACE				2.5	80	420	37	6	6/12/1992	725724	
	ANDREGG, MARITA	Domestic-Single Residence	04N	01E	2	SWNW		10505 WEST JANIE PLACE				2	90	300	300	10	7/2/1992	726802	
27	CHAPIN, GAYLE	Domestic-Single Residence	04N	01E	2	SWNW		10505 JANIE RD				10	70	505		6	11/19/2003	808858	D0030592
	DE SHAMBEAU & SON	Stockwater	04N	01E	2							80	30	86	65	6	9/12/1958	833751	
	DELZELL, HAROLD	Domestic	04N	01E	2	NENW						55	15	43			4/8/1965	790549	
	DINGLEY, RONALD	Domestic	04N	01E	2	NWNW						4	80	202			3/11/1978	830551	
	DINGLEY, RONALD M	Domestic-Single Residence	04N	01E	2	NWNW				2	1	4	60	139	39	6	10/13/1987	722325	
	GLENN, BOB	Domestic	04N	01E	2	NWNW								74			7/8/1955	778345	
	HIDDEN HOLLOW LANDFIL ADA COUNTY	Monitoring	04N	01E	2	NENE		approx 800 ft w of sheriff bldg and 300 ft n of goose crk ln						27	50	30	2	5/4/2004	813283	D0031252
	HOWELL, BILL	Domestic-Single Residence	04N	01E	2	NWNW		10455 W JAY RD				25	125	311	119	6	7/2/1996	730478	
	JONES, WENDELL	Domestic	04N	01E	2	NENW			GARY GLEN #7	3	9	10	114	202			5/1/1978	832194	
	KELLY, JOHN	Domestic	04N	01E	2	NWNW						10	140	345			5/4/1978	813045	
	MITCHELL, BILL	Domestic	04N	01E	2	NWNW						20	120	236			7/22/1993	772811	
	ROBINSON, E	Domestic	04N	01E	2	NESW							35	157			8/3/1970	775274	
	ROBINSON, R E	Domestic	04N	01E	2	SWNW							70	119			2/17/1972	790414	
	TERTELING, JOE	Irrigation	04N	01E	2	SWNE							25	150			7/31/1973	790411	
13	VAUE, DOUG	Domestic-Single Residence	04N	01E	2	NWNW		10603 JAY ROAD				15	220	750		6	4/15/2002	775872	D0019777
	BARTON, DEAN E	Domestic	04N	01E	3	NENE						15	110	270			4/21/1978	78961*	
25	CHAPIN, GAYLE	Domestic-Single Residence	04N	01E	3	NENE		10505 JONIE RD				10	83	520	49	6	10/28/2003	807406	D0030590
	COUNTY OF ADA	Commercial	04N	01E	3	NENE		WELL NEAR OLD HWY 55 FOR HIDDEN HOLLOW LANDFILL					75	103		12	7/19/1999	732833	
24	EVERETT, JIM	Domestic-Single Residence	04N	01E	3	NENE		10945 W JANIE RD				9	95	418	98	6	9/29/2003	808883	D0030489
	EVERETT, JIM	Domestic	04N	01E	3	NENE		10945 W JANIE RD				10	110	260	150	8	10/28/2003	808126	D0030601

Well ID	Contact	Use	TWP	RNG	SEC	Tract	Gov. Lot	WellAddress	Sub	Bl	L	Gallons Per Minute	Static Water Level	Total Depth	Casing Depth	CSG. DIA.	Construction Date	Permit Number	Tag Number
	GUILFOYLE, KEVIN	Domestic-Single Residence	04N	01E	3	SENE		2463 N MAJESTIC PLACE		1	19	30	110	180	150	6	9/3/1996	730870	
	HIDDEN HOLLOW LANDFIL.. ADA COUNTY	Monitoring	04N	01E	3	SENE		old hwy 55 and geese ck ik state park parking lot	B-33			No Water	No Water	87	57	2	5/5/2004	814408	D0031381
	HUDSON, PAUL	Domestic	04N	01E	3	NE						24	98	154	128	6	7/8/1979	783495	
	KRAEMER, DOUGLAS	Irrigation	04N	01E	3	NENE						10	110	200	19	10	11/25/1991	724826	
	KRAEMER, DOUGLAS	Domestic-Single Residence	04N	01E	3	NENE						9	80	223	18	6	11/22/1991	724916	
	PRESCOTT, JAMES R	Domestic-Single Residence	04N	01E	3	NENE		12000 HORSESHOE BEND RD				28	85	315	137	6	8/20/1995	729822	
	TERLING, JOE	Domestic	04N	01E	3	SENE						6	70	230			9/26/1973	826484	
	TOMAS CONSTRUCTION	Domestic	04N	01E	9	NENE						30	30	50			7/10/1978	827745	
	DILUGLIO, RAY	Domestic-Single Residence	05N	01E	24	SESE		7024 BASIN WAY	SPRING CREEK	4	5	20	195	280	-119	6	8/21/2000	786132	D0015519
21	GULIS, TOM	Domestic-Single Residence	05N	01E	24	SESESE		RIGHT BESIDE SPRING CREEK EST				30	250	500	200	6	3/18/2003	790808	D0025873
	GULIS, TOM	Domestic-Single Residence	05N	01E	24	SESESE		16200 N BASIN WAY	SPRING CREEK			No Water	No Water	320	320	6	2/10/2003	791592	D0025870
	BOEHM, JOHN E	Domestic	05N	01E	25	SESW						20	87	205			8/10/1974	812038	
27	BROCKWAY, JUDY	Domestic	05N	01E	25							100		460			6/5/1987	800039	
1	CRANE, WILLIAM	Domestic-Single Residence	05N	01E	25	NENE				1	9	30	260	360	339	6	9/14/1984	722117	
	DEWEY, WAYNE	Domestic	05N	01E	25	SWSW						8	30	250			2/24/1972	818138	
29	FERGUSON, JOHN B	Domestic	05N	01E	25	NWSE			SPRING CREEK ESTATES		3	70	86	500			12/31/9999	810983	
	FRY, PHILIP	Domestic-Single Residence	05N	01E	25	NWNW		4122 HOMER RD				30	110	181	105	6	9/15/1995	730682	
	HEDGE, BRUCE	Domestic-Single Residence	05N	01E	25	SWNW		STAKE ON PROPERTY ABOVE SHADOW VALLEY				20	137	300	119	6	6/15/1994	732356	D0007133
												25	200	383			8/18/1977	807531	
25	HENARD, LEE	Domestic	05N	01E	25	NWNW						15	25	205			3/12/1977	807426	
	HULL, MORRIS	Domestic	05N	01E	25				SPRING CR	3	3	700	72	232			12/8/1975	830771	
	JOKER, JULIUS	Irrigation	05N	01E	25	NWNW													
	LAWSON, MONTE	Domestic-Single Residence	05N	01E	25	SENE		7576 BASIN WAY	SPRING CREEK ESTATES	4	2	15	150	320	-83	6	3/2/2001	768088	D0016148
	MAXWELL, KENNETH W	Domestic	05N	01E	25	SESW			SPRING CREEK ESTATES		4	10	40	292			12/31/9999	788575	
	MC ILVANIE, BILL	Domestic-Single Residence	05N	01E	25	NENE				2	7	20	170	310	308	6	10/15/1983	722011	
	MC ILVANIE, BILL	Domestic-Single Residence	05N	01E	25	NWNW		8200 SPRING CREEK WAY				37	180	295	265	6	7/9/1994	728410	
11	MC KIM, THOMAS	Domestic-Single Residence	05N	01E	25	NWNW		HWY 55				60	260	442	222	6	4/5/1999	733124	D0009361
	RICHY, CHUCK	Domestic	05N	01E	25	NENE						10	145	300			8/30/1984	779522	
	RICHY, CHUCK	Irrigation	05N	01E	25	NENE						20	120	273			10/31/1984	779523	
	ROBBINS, RANDY	Domestic	05N	01E	25	NENE			SPRING CREEK ESTATES			20	230	342			8/15/1988	811665	
	ROLSTON, NELSON	Domestic	05N	01E	25							20	60	312	60	6	12/31/9999	822160	
	SEHNEE, MARK	Domestic	05N	01E	36	NENE						10	130	345			8/18/1985	824105	
	STADLER, BEN	Domestic	05N	01E	25	SWNW						2000	20	244			10/31/1962	777587	
	STADLER, BEN	Domestic	05N	01E	25				SPRING CREEK ESTATES 2	3	7		144	181			3/7/1977	807427	
														268	448		4/26/1975	811075	
30	STADLER, BEN	Domestic	05N	01E	25	NW						35	80	190			11/15/1971	817522	
	STADLER, BEN	Domestic	05N	01E	25	NENW													
	STADLER, BEN	Domestic	05N	01E	25	NENE			SPRING CREEK ESTATES		10	20	54	175			11/9/1972	819124	
	STADLER, BEN	Domestic	05N	01E	25	SWNE			SPRING CREEK		8	20	112	303			11/28/1972	822902	
	STADLER, BETTY, SHADOW VALLEY GOLF COURSE	Irrigation	05N	01E	25	SWNW		HWY 55					50	255	201	16	6/19/1991	724257	
	STADLER, BETTY, SHADOW VALLEY GOLF COURSE	Irrigation	05N	01E	25	SWNW		HWY 55					50	255	201	16	6/19/1991	724258	
	STADLER, TIM	Domestic-Single Residence	05N	01E	25	NENE				6	5	20	150	220				722018	
	STADLER, TIM	Domestic-Single Residence	05N	01E	25	NENE				6	4	15	180	260	260	6	10/8/1992	725151	
	SWANSON, DONALD R	Domestic	05N	01E	25	SWNE						20	138	313			11/10/1972	831234	
	TITMUS, GREY, FRANCIS, JOHN	Domestic-Single Residence	05N	01E	25	NESW		8464 BROOKSIDE LANE			9	300	69	204	29	6	10/7/1991	724885	
4	WICKHOM, GLENDA, WICKHOM, KENNETH	Domestic-Single Residence	05N	01E	25	SWSW		8676 BROOKSIDE LANE			5	15	137	410	21	6	3/3/1992	724912	
23	BROCKWAY, JUDY	Domestic	05N	01E	26							100		460			6/5/1987	800039	
	CONNOLLY, N R	Domestic	05N	01E	26	SWSE						1200	35	258			2/23/1972	810036	
34	CONNOLLY, WALLACE	Domestic	05N	01E	26	SESE						1	40	419			11/28/1973	822248	
	JENSEN, MONTE	Domestic	05N	01E	26	SENE							200	340	178.5	6	5/25/1983	828489	

Well ID	Contact	Use	TWP	RNG	SEC	Tract	Gov. Lot	Well Address	Sub	Bl	L	Gallons Per Minute	Static Water Level	Total Depth	Casing Depth	Casing Dia.	Construction Date	Permit Number	Tag Number
32	MC ARTHUR, D	Domestic	05N	01E	26	SWSW							Above Ground Level	620			3/30/1973	814654	
	MC CUE, GENE	Domestic	05N	01E	26	SESW						18	8	59			6/15/1975	817585	
	MC NEILLY, MARK	Domestic-Single Residence	05N	01E	26	SESE		BROOKSIDE HWY 55				30	43	80	-48	6	12/12/2000	787628	D0015969
	OKELLY, DON & LINDA	Domestic	05N	01E	26	SWSW						5	40	160			7/17/1985	824368	
	STADLER, BEN	Domestic	05N	01E	26	SENE							15	60	52	6	10/2/1973	810114	
19	STADLER, BEN F	Irrigation	05N	01E	26	SESE		RI 1					Above Ground Level	688			8/12/1964	777543	
10	STEELE, DAN	Domestic-Single Residence	05N	01E	26	SWSW						10	90	600	59	6	12/4/1995	732661	D0037875
2	TABBITT, SCOTT	Domestic-Single Residence	05N	01E	26	SWSW						12	50	540				722589	
9	WALKER, GIL	Domestic-Single Residence	05N	01E	26	SESE		BROOKSIDE SPRING CREEK				200	140	511	280	6	2/9/1996	731906	D0031090
	MAYHAN, CARL	Domestic	05N	01E	26	SESW						15	27	255	36	6	10/27/1969	819043	
	ALLEN, JAMES	Domestic	05N	01E	34	SESE						55	160	250			8/3/1977	827920	
	BEVEL, DAVID	Domestic-Single Residence	05N	01E	34	SENE		OFF BROOKSIDE TO OLD PEARL RD		1	3	20	24	62	19	6	1/18/1993	730125	
	CAMERON, DOC	Irrigation	05N	01E	34	SENE						200	10	41	42	10	4/6/1982	820081	
31	EIGUREN, TONY, EIGUREN, TARA	Domestic-Single Residence	05N	01E	34	SENE		4997 BROOKSIDE LN				2	100	420	30	6	4/11/2004	812853	D0031076
	HUDSON, BUS	Domestic-Single Residence	05N	01E	34	NESE		12103 HWY 55				30	17	30	20	6	6/30/2004	824022	D0031912
	HUFF, PHIL T	Domestic	05N	01E	34	SESE						50	14	45			8/3/1986	809218	
8	KELLY, RUTH	Domestic-Single Residence	05N	01E	34	SESE		10720 JAY RD			8	8	100	594	169	6	8/23/1994	728567	
	KELLY, STEVE	Domestic-Single Residence	05N	01E	34	SESE		10690 JAY RD				10	50	183	58	6	4/15/1999	733148	D0039306
	KLING, MICHAEL H	Domestic-Single Residence	05N	01E	34	SESE		13070 HORSESHOE BEND RD				8	16	208	205	6	11/22/2003	809186	D0030740
	LEWIS, MARVIN R	Domestic	05N	01E	34	NE							40	130	40	6	7/19/1973	818515	
	NIELSEN, COURTNEY	Domestic-Single Residence	05N	01E	34	SESE						30	18	165	58	6	5/12/1992	725840	
	SHEPHERDSON, MIKE	Domestic-Single Residence	05N	01E	34	SENE		4302 BROOKSIDE LN		1	2	13	14	103	21	6	7/22/1994	728485	
3	SNOW, RAY, SNOW, CHARLOTTE A	Domestic-Single Residence	05N	01E	34	NESE		3744 BROOKSIDE LN				2	42	375	59	6	5/3/1991	724576	
	STEINER, RANDY	Domestic-Single Residence	05N	01E	34	SESE						30	71	226	59	6	9/14/1992	725667	
	STEWART, JAMES	Domestic	05N	01E	34	NESE			MARY GLEN	1	5	8	6	340			10/8/1973	816437	
	STILLWELL	Domestic	05N	01E	34	SESE						1	3	84			11/14/1956	823194	
	TOMKINSON, CALE B	Domestic	05N	01E	34	NESE						50	8	55			8/8/1962	817225	
	TORREY, JACK	Domestic	05N	01E	34	NESE						No Water	No Water	170			11/3/1971	812226	
	TORREY, JACK	Domestic	05N	01E	34	NESE						40	15	45			11/5/1971	813434	
	WENDELL, CHARLES	Domestic	05N	01E	34	SESE						35	45	147			12/1/1977	820152	
	WILDE, ERROL	Domestic	05N	01E	34	SESE						50	15	43			10/25/1967	811205	
	WILDE, ERROL	Domestic	05N	01E	34	SESE						50	15	43			10/25/1977	787730	
	JEKER, JUUUS	Domestic-Single Residence	05N	01E	35	NWNE		HWY 55, E SIDE APPROX 1/2 MI N OF BEACON LIGHT				1	160	300	35	6	8/5/1997	731509	D0031033
12	WOOD SR, ROBERT	Domestic-Single Residence	05N	01E	35	SESW		10767 JAY RD		3	11	No Water	No Water	480	270	6	8/5/1999	733452	D0039845
	LEWIS, RAY	Domestic-Single Residence	05N	01E	35	NWSW		13152 HWY 55				2	25	260	-36	6	4/25/2000	784129	D0012887
20	LEWIS, RAY, LEWIS, BRENDA	Domestic-Single Residence	05N	01E	35	NWSW		13152 HWY 55				6	45	1150	38	6	8/19/2002	785535	D0025458
	HOCKSTRASSER, C L	Domestic	05N	01E	35	NWSW							80	235			4/23/1976	791766	
	CROSH, CRAIG	Domestic	05N	01E	35	NENW						35	6	41			8/21/1977	813176	
	HOCH, CONRAD M	Domestic	05N	01E	35	SESW						10	140	205			11/18/1985	820421	
	PREMOE, GARY	Domestic	05N	01E	35	SESW						20	170	203			5/14/1979	821220	
33	DIXON BENSON FARMS	Irrigation	05N	01E	35	NENW							58	479			11/2/1977	821230	
	JEKER, JUUUS	Irrigation	05N	01E	35	SWNE						150	Above Ground Level	100				723126	
	HUNTINGTON, ROBERT J	Domestic-Single Residence	05N	01E	35	NESW		HWY 55/BEACON LIGHT				2	60	250	55	8	7/20/1994	728432	
	HUNTINGTON, ROBERT J	Domestic-Single Residence	05N	01E	35	NESW		HWY 55/BEACON LIGHT				2	70	310	55	8	7/26/1994	728451	
	TRADEWINDS BUILDING CO, LANGER, DEBBIE, LANGER, FRANK	Domestic-Single Residence	05N	01E	35	NESW		13340 N HORSESHOE BEND RD				2	Above Ground Level	220	35	8	11/14/1995	729735	

WellID	Contact	Use	TWP	RNG	SEC	Tract	Gov. Lot	WellAddress	Sub	Bl	L	Gallons Per Minute	Static Water Level	Total Depth	Casing Depth	CSG. DIA.	Construction Date	Permit Number	Tag Number
	JEKER, JULIUS	Domestic-Single Residence	05N	01E	35	SWNE		6598 DRY CREEK				20	16	41	-24	6	6/28/2000	765035	D0015197
	BAKER, DAVID	Domestic	05N	01E	35	NESW						70	40	105			3/29/1976	817476	
	THOMPSON, EVERETT	Domestic	05N	01E	35	SWNE						30	70	175			7/21/1970	821140	
	DUCKART, JOHN	Domestic-Single Residence	05N	01E	35	SWSW						5	110	250	20	6	6/26/1984	722050	
16	KELLY, RUTH	Domestic-Single Residence	05N	01E	35	SWSW		10720 JAY RD	NAR		5	25	118	1185	-93	8	11/21/2000	767457	D0015982
	ROSSIE, TERRY	Domestic	05N	01E	35	SWSW				2	12	10	120	220			7/12/1977	701789	
25	ANDERSON, CORY	Domestic-Single Residence	05N	01E	35	SWSW		13340 N HORSESHOE BEND RD				1	150	607	113	8	11/19/2003	800023	D0030739
	MASCAW, CHRIS	Domestic-Single Residence	05N	01E	35	SESE						20	120	194	173	10	11/2/1989	723431	
	TOMTAN, THOMAS O	Domestic	05N	01E	35	SESE						23	170	210			3/21/1983	775822	
	JEKER, JULIUS	Domestic-Single Residence	05N	01E	35	SENW		1/4 MILE S OF DRY CREEK RD, EAST SIDE HWY 55				5	Above Ground Level	400	36	6	7/27/1997	731479	D0031029
	HARRIS, JOE	Domestic	05N	01E	35	SENW						20	20	150			5/12/1975	820508	
	LEWIS, MARVIN R	Domestic	05N	01E	35	NWNW		4400 BROOKSIDE				50	27	41	24	6	4/5/2004	812199	D0031148
	WEISSHAUPT, HELEN	Domestic	05N	01E	35	NWNW						10	19	43			3/11/1972	820783	
	VAN LITH, CARMEN L, VAN LITH, DANIE, E	Domestic-Single Residence	05N	01E	36	NWNE		4476 N CROFT		2	14	40	94	131	125	6	9/30/1996	730745	
	DELO-KAL, INC	Domestic-Single Residence	05N	01E	36	NESE		4243 N CRAWFORD		7	18	70	30	168	155	8	7/12/1999	733393	D0028844
	JEKER, JULIUS		05N	01E	36	NWSE						2400	15	230	223	12	4/2/1986	810451	
6	PHILLIPS, JERRENE	Domestic-Single Residence	05N	02E	19	SWSW						8	330	460	393	8	7/20/1993	727233	
7	PHILLIPS, JERRENE	Domestic-Single Residence	05N	02E	19	SWSW						10	340	1036	483	8	9/26/1994	728531	
	BRADY, MICHAEL	Domestic	05N	02E	30							30	40	70	78	5	10/28/1986	823174	
	GREEN, KATHRYN R	Domestic	05N	02E	30	SESW						500	23	71			11/5/1965	812268	
	JACOBS, RANDY S	Domestic-Single Residence	05N	02E	30	SESWSE		MC FARLANE & DRY CREEK				28	89	118	109	6	6/23/1997	731365	
	MURPHY, MARIAN	Domestic-Single Residence	05N	02E	30	SENW		DRY CREEK AND BROKEN HORN				140	40	162	152	8	9/13/1994	728633	
	SEVERSON, WILLIAM J	Domestic	05N	02E	30	SWSW						50	22	75	74	6	10/2/1974	817758	
	SMITH BROTHERS	Other	05N	02E	30	NESW							52	83			7/17/1969	828932	
	YOUNG, DENNIS	Irrigation	05N	02E	30	NENW		14874 BROKENHORN RD				60	70	108	150	8	9/1/1992	726023	
	BRADY, MICHAEL G	Domestic-Single Residence	05N	02E	31	SENW						45	55	225	120	6	4/1/1992	724670	
	EMERY, DAN	Domestic	05N	02E	31	SWNW						25	56	114			5/10/1973	821220	
	EMERY, DAN D	Domestic-Multiple Individual	05N	02E	31	NESW						15	80	129			3/22/1976	791771	
	FRAZELL, DALE M	Domestic-Single Residence, Domestic-Single Residence	05N	02E	31	SENW		VERY END OF MCFARLAND CREEK RD, APPRX 2 MILES FROM DRY CREEK RD				100	8	93	90	6	9/24/2001	771239	D0019104
	FUHRMAN, TERRY	Domestic	05N	02E	31	NESW						15	100	166			1/10/1979	805596	
	HARRIS, DALE	Irrigation	05N	02E	31	SWNW	2					70	88	270	178	6	2/15/1991	724487	
	HOLMAN, MICHAEL S	Irrigation	05N	02E	31	NWNE		20 FT FROM MCFARLAND RD	ECHANOVE RANCH ESTATES			250	53	203	203	8	7/8/2003	804262	D0029710
	JENSEN, THOMAS	Domestic	05N	02E	31	NESW						15	80	200			8/28/1969	822288	
	LANE, LEE	Domestic	05N	02E	31	NESW						30	12	62			11/8/1957	809314	
14	MALPIN HOMES	Domestic-Single Residence	05N	02E	31	NWNE		6411 WEST DRY CREEK				25	62	360	-53	6	4/27/2000	764160	D0012790
	MEYERS, CALVIN	Domestic-Single Residence	05N	02E	31	NENW		10 BROKEN HORN				100	32	109	108	6	4/13/2004	813021	D0030978
	MURPHY, KENYETH	Irrigation	05N	02E	31	NWNW							65	171	171	12	5/18/1992	724808	
	SMITH, FRANK O	Irrigation	05N	02E	31	NWNW						2100	18	162			1/3/1950	832050	
	TAYLOR, STEVE	Domestic-Single Residence, Domestic-Single Residence	05N	02E	31	NENW		DRY CREEK BROKEN HORN				80	35	112	112	6	10/8/2001	771492	D0015774

Appendix E: Driller's Reports for Selected Nearby Wells

1

Form 238-7
8/82

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR BALLPOINT PEN

WELL DRILLER'S REPORT

W

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

JB

1. WELL OWNER

Name William Crane

Address 16561 Hwy 55 Boise 83703

Owner's Permit No. 63-84-C-0058-000

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED

☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness		Diameter		From		To	
.250	inches	6	inches	1	feet	339	feet
	inches		inches		feet		feet
	inches		inches		feet		feet
	inches		inches		feet		feet

Was casing drive shoe used? ☐ Yes ☒ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☒ Yes ☐ No
How perforated? ☐ Factory ☐ Knife ☒ Torch
Size of perforation 1/8 inches by 4 inches

Number		From		To	
144	perforations	326	feet	338	feet
	perforations		feet		feet
	perforations		feet		feet

Well screen installed? ☐ Yes ☒ No
Manufacturer's name _____
Type _____ Model No. _____
Diameter ___ Slot size ___ Set from _____ feet to _____ feet
Diameter ___ Slot size ___ Set from _____ feet to _____ feet
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____
Placed from _____ feet to _____ feet
Surface seal depth 26 Material used in seal: ☐ Cement grout
☒ Bentonite ☐ Puddling clay ☒ cuttings
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing
☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent-Weld
☐ Cemented between strata
Describe access port cap on well

6. LOCATION OF WELL

Sketch map location must agree with written location.

N / W / E / S

Subdivision Name Spring Creek Estates # 2
Lot No. 9 Block No. 1
County Ada
N/E ¼ N/E ¼ Sec. 25, T. 5 (N)S, R. 1 (E)W.

MICROFILMED

7. WATER LEVEL

Static water level 260 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature ____ °F. Quality _____
Describe artesian or temperature zones below

8. WELL TEST DATA

☐ Pump ☐ Bailer ☒ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
30	280	1½

9. LITHOLOGIC LOG 79085

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
8	0	26	hard baked clay		x
	26	190	black basalt rock		x
	190	248	blue clay		x
	248	255	brown clay		x
	255	300	tannish decomposed granite		x
	300	337	coarse granite sand	x	
6	337	342	blue clay		x
	342	360	sand to 1" gravel	x	
			bottom open hole		

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Western Regional Office

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OCT 1 1984
Department of Water Resources

10.

Work started 9/7/84 finished 9/14/84

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name W.E. Stevens & Son License No. 153
Address 3709 Hawthorne Drive Date 9/25/84
Signed by (Firm Official) Wayne E. Stevens
and
(Operator) Wayne E. Stevens

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

2

RECEIVED
NOV 29 1988

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

RECEIVED
NOV 08 1988
Department of Water Resources

1. WELL OWNER
Department of Water Resources

Name Scott Tabbitt

Address Brookside Lane

Owner's Permit No. 63-86-Z-139

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED

☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary
☒ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
.250 inches	6 inches	+ 1 feet	59 feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was casing drive shoe used? ☐ Yes ☒ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☐ Yes ☒ No
Manufacturer's name _____
Type _____ Model No. _____
Diameter ____ Slot size ____ Set from ____ feet to ____ feet
Diameter ____ Slot size ____ Set from ____ feet to ____ feet
Gravel packed? ☐ Yes ☐ No ☐ Size of gravel _____
Placed from _____ feet to _____ feet
Surface seal depth 59 Material used in seal: ☐ Cement grout ☐ Bentonite ☒ Puddling clay ☐ _____
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata
Describe access port _____

6. LOCATION OF WELL

Sketch map location must agree with written location.

N / W / E / S

Subdivision Name _____
Lot No. _____ Block No. _____
County Ada
S/W ¼ S/W ¼ Sec. 25, T. 5 ☒N ☐S R. 1 ☒E ☐W.

7. WATER LEVEL
Department of Water Resources

Static water level 39 feet below land surface.
Flowing? ☐ Yes ☐ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature _____ °F. Quality _____
Describe artesian or temperature zones below.

8. WELL TEST DATA

☐ Pump ☒ Bailer ☐ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
12	250	1

9. LITHOLOGIC LOG

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
6	0	42	brown clay		X
	42	540	blue clay		X
			130 water streak		
			330 water streak		
			533 water streak		

10. Work started 9/13/88 finished 9/20/88

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name W.E. Stevens & Son Firm No. 153
Address 3709 Hawthorne Dr Date 9/27/88
Signed by (Firm Official) Wayne E. Stevens
and
(Operator) _____

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

3

Form 238-7
8/90

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR BALLPOINT PEN

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name RAYOR CHARLOTTE SNOW
Address 3744 BROOKSIDE LN BOISE
Drilling Permit No. 63-91-W-122
Water Right Permit No. _____

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Well diameter increase
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED

☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary
☒ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☐ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
2.50 inches	6 inches +	1 feet	59 feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun
Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☐ Yes ☒ No
Manufacturer's name _____
Type _____ Model No. _____
Diameter ____ Slot size ____ Set from _____ feet to _____ feet
Diameter ____ Slot size ____ Set from _____ feet to _____ feet
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____
Placed from _____ feet to _____ feet
Surface seal depth 24 Material used in seal: ☐ Cement grout
☐ Bentonite ☒ Puddling clay ☐ _____
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing
☐ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld
☐ Cemented between strata
Describe access port _____

6. LOCATION OF WELL

Sketch map location must agree with written location.

N / W / E / S

Subdivision Name _____
Lot No. _____ Block _____
County ADA
NE ¼ SE ¼ Sec. 34 T. 5 S R. 1 E ☒ W ☐

7. WATER LEVEL

Static water level 42 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature 60 °F. Quality _____
Describe artesian or temperature zones below.

8. WELL TEST DATA

☐ Pump ☒ Bailer ☐ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
1½		

9. LITHOLOGIC LOG 075541

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
8	0	2	TOP SOIL		X
	2	4	SANDY CLAY		X
	4	12	BROWN CLAY		X
	12	24	YELLOW CLAY		X
6	24	30	BROWN CLAY		X
	30	55	SAND & GRAVEL	X	
	55	275	BLUE CLAY		X

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MAY 7 1991
Department of Water Resources
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MAY 15 1991
Department of Water Resources

10.

Work started 4-23-91 finished 5-3-91

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name CONSOLIDATED Drilling Firm No. 409
Address EAGLE, IDA Date 5-4-91
Signed by (Firm Official) Gary E. Cowan
and " " "
(Operator) _____

MICROFILMED
JUL 08 1999

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14

Form 238-7
8/90

C

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR BALLPOINT PEN

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name Kenneth + Gleada Wickham
Address 21415, 146 AVE East, Graham WASH. 98338
Drilling Permit No 103-91-W-441
Water Right Permit No. _____

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Well diameter increase
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED

☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
.250 inches	8 inches +	1 feet	21 feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was casing drive shoe used? ☐ Yes ☒ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun
Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☐ Yes ☒ No
Manufacturer's name _____
Type _____ Model No. _____
Diameter ____ Slot size ____ Set from _____ feet to _____ feet
Diameter ____ Slot size ____ Set from _____ feet to _____ feet
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____
Placed from _____ feet to _____
Surface seal depth 18' Material used in seal: ☐ Cement grout ☐ Bentonite ☒ Puddling clay ☐ _____
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent ☐ Cemented between strata
Describe access port _____

6. LOCATION OF WELL

Sketch map location must agree with written location.

N / W / E / S / X

Subdivision Name Spring Creek Estates
Lot No. 5 Block No. _____
County ADA
SW¼ SW¼ Sec. 25, T. 5 N S, R. 1 E W

7. WATER LEVEL

Static water level 137 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature ____ °F. Quality _____
Describe artesian or temperature zones below.

8. WELL TEST DATA

☐ Pump ☐ Bailer ☒ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
Approx 15	287'	1

9. LITHOLOGIC LOG 075539

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
11"	0	18	Brown Clay		✓
8"	18	80	" "		✓
8"	80	310	Blue Clay		✓
8"	310	330	" "	✓	
8"	330	400	" "	✓	
8"	400	410	Black + blue Sand	✓	

(400' of 6" PVC Liner)
10' To 350' BLANK
350' To 410 Perforated

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RECEIVED JUL 08 1992

10. Work started 1-1-92 finished 3-3-92

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name SDS Drilling Firm No. 212
Address 4145 N Blackcat Rd Date 4-2-92
Signed by (Firm Official) Frank Shinn
and
(Operator) Frank Shinn

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5

Form 238-7
4/92

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR BALLPOINT PEN

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER
Name Manita Andrews
Address 10505 W Jamie Blvd Eagle
Drilling Permit No. 63-92-W387
Water Right Permit No.

2. NATURE OF WORK
☑ New well ☐ Deepened ☐ Replacement
☐ Well diameter increase ☐ Modification
☐ Abandoned (describe abandonment or modification procedures such as liners, screen, materials, plug depths, etc. in lithologic log, section 9.)

3. PROPOSED USE
☑ Domestic ☐ Irrigation ☐ Monitor
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED
☐ Rotary ☐ Air ☐ Auger ☐ Reverse rotary
☑ Cable ☐ Mud ☐ Other _____ (backhoe, hydraulic, etc.)

5. WELL CONSTRUCTION
Casing schedule: ☑ Steel ☐ Concrete ☑ Other PVC

Thickness	Diameter	From	To
.250 inches	6 inches +	1 feet	37 feet
.250 inches	4 inches	20 feet	420 feet
_____ inches	_____ inches	_____ feet	_____ feet

Was casing drive shoe used? ☑ Yes ☐ No
Was a packer or seal used? ☐ Yes ☑ No
Perforated? ☑ Yes ☐ No
How perforated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun
Size of perforation? 1/2 inches by 6 inches ☑ SAW

Number	From	To
216 perforations	362 feet	400 feet
144 perforations	404 feet	416 feet
_____ perforations	_____ feet	_____ feet

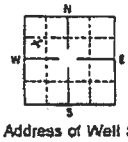
Well screen installed? ☐ Yes ☑ No
Manufacturer _____ Type _____
Top Packer or Headpipe _____
Bottom of Tailpipe _____

Diameter ____ Slot size ____ Set from ____ feet to ____ feet
Diameter ____ Slot size ____ Set from ____ feet to ____ feet
Gravel packed? ☐ Yes ☑ No ☐ Size of gravel _____
Placed from _____ feet to _____ feet

Surface seal depth 20 Material used in seal: ☐ Cement grout ☐ Bentonite ☑ Puddling clay ☐ _____
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☑ Overbore to seal depth
Method of joining casing: ☐ Threaded ☑ Welded ☑ Solvent Weld ☐ Cemented between strata

Describe access port _____

6. LOCATION OF WELL
Sketch map location must agree with written location.



Subdivision Name _____
Lot No. _____ Block No. _____
County Ada
Address of Well Site 10505 W Jamie Place (give at least name of road)
SW ¼ NW ¼ Sec. 2, T. 4 N ☑ or S ☐, R. 1 E ☑ or W ☐

7. WATER LEVEL
Static water level 80 feet below land surface.
Flowing? ☐ Yes ☑ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature _____ °F. Quality _____
Describe artesian or temperature zones below.

8. WELL TEST DATA
☑ Pump ☑ Bailer ☐ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
2½	Pump	24
	Bailed Dry	

01906

9. LITHOLOGIC LOG

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
6	0	3	Top Soil		✓
	3	12	sand		✓
	12	30	sandy Brown clay		✓
	30	40	Blue to gray clay		✓
	40	65	Brown clay		✓
	65	92	Black dark clay		✓
	92	112	Gray sand	✓	
	112	118	sand		
	118	138	Blue clay sandy		
	138	180	dark Black clay		
	180	240	Gray dark clay		
	240	260	light gray clay		
	260	360	blue clay		
	360	400	dark gray clay		
	400	420	Blue Clay		
6					

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SEP - 3 1992
Department of Water Resources
Eastern Regional Office

RECEIVED
AUG 08 1992
Department of Water Resources
Western Regional Office

RECEIVED
DEC 08 1992

10.
Work started 6/1/92 finished 6/12/92

11. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Firm Name BVB Drilling Firm No. 207
Address 2950 S Gard Dr Date 6/28/92
Signed by Drilling Supervisor Ron McVay
and
(Operator) Ron McVay (If different than the Drilling Supervisor)

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Department of Water Resources

Form 238-7
4/92

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR BALLPOINT PEN

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name TERRENE DRILLING, (HARRIS CONSTRUCTION)
Address 410 S ORCHARD SUITE 112
BOISE, ID 83705
Drilling Permit No. 93-93-W-0857
Water Right Permit No.

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Well diameter increase ☐ Modification
☐ Abandoned (describe abandonment or modification procedures such as liners, screen, materials, plug depths, etc. in lithologic log, section 9.)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Monitor
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED

☒ Rotary ☒ Air ☐ Auger ☐ Reverse rotary
☐ Cable ☐ Mud ☐ Other _____ (backhoe, hydraulic, etc.)

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
.250 inches	6 inches	+ — feet	300 feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was casing drive shoe used? ☐ Yes ☒ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun
Size of perforation? _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☐ Yes ☒ No
Manufacturer _____ Type _____
Top Packer or Headpipe _____
Bottom of Tailpipe _____

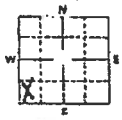
Diameter ____ Slot size ____ Set from ____ feet to ____ feet
Diameter ____ Slot size ____ Set from ____ feet to ____ feet
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____
Placed from _____ feet to _____ feet

Surface seal depth 40 Material used in seal: ☐ Cement grout
☒ Bentonite ☐ Puddling clay ☐ _____
Sealing procedure used: ☐ Slurry pit
☐ Temp. surface casing ☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☐ Welded
☐ Solvent Weld ☐ Cemented between strata

Describe access port _____

6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name _____
Lot No. _____ Block No. _____
County ADA
Address of Well Site _____ (give at least name of road)
T. 3 N. ☐ or S ☐
SW ¼ SW ¼ Sec. 22, R. 2 E ☐ or W ☐

7. WATER LEVEL

Static water level 330 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature _____ °F. Quality _____
Describe artesian or temperature zones below.

8. WELL TEST DATA

☐ Pump ☐ Bailer ☐ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
0	330	0

9. LITHOLOGIC LOG 107098

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
11"	0	4	BRN TOPSOIL		NO
11"	4	20	SOFT BRN SAND		NO
11"	20	30	HARD RED SANDSTONE		NO
11"	30	35	BRN SANDSTONE		NO
11"	35	45	BRN CLAY		NO
11"	45	60	BRN CLAY		NO
8"	0	180	BRN SAND STRIPS CLAY		NO
8"	180	210	SOFT WHITE GRANITE		NO
8"	210	300	HARD CRACKED GRANITE WET		

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Department of Water Resources
Western Regional Office

10.

Work started 7/30/93 finished 7/31/93

11. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name SOS Well Drilling Firm No. 212
Address 3149 S. Black Date: 8/3/93
Signed by Drilling Supervisor _____
and
(Operator) _____ (if different than the Drilling Supervisor)

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7

Form 238-7
1794

P9-1082

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

RECEIVED NOV 14 1994 WATER RESOURCES WESTERN REGION

Use Typewriter or Ball Point Pen

053568

1. DRILLING PERMIT NO. 63-94-W-0702-000
Other IDWR No. X

2. OWNER:
Name JERRENE PHILLIPS
Address 410 S. ORCHARD SU1123
City BOISE State ID Zip 83705

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

Twp. 5 North ☒ or South ☐
Rge. 2 East ☒ or West ☐
Sec. 19 , 1/4 SW 1/4 SW 1/4 (10 acres / 40 acres / 160 acres)
Gov't Lot ____ County ADA

Address of Well Site ____
City ____
(Give at least name of road + Distance to Road or Landmark)

Lt. ____ Blk. ____ Sub. Name ____

4. PROPOSED USE:
☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other ____

5. TYPE OF WORK
☒ New Well ☐ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD
☐ Mud Rotary ☒ Air Rotary ☐ Cable ☐ Other ____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
BENT	0	18	4S	OVERBORE

Was drive shoe used? Y ☒ N ☐
Was drive shoe seal tested? Y ☐ N ☒ How? ____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
10	-7	242	250	STEEL	☒	☐	☒	☐
8"	+1	480	250	STEEL	☒	☐	☒	☐
6"	94	776	250	STE	☒	☐	☒	☐

Length of Headpipe ____ Length of Tailpipe ____

9. PERFORATIONS/SCREENS
☐ Perforations Method ____
☐ Screens Screen Type ____

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From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

MAR 20 1995

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
340 ft. below ground Artesian pressure ____ lb.
Depth flow encountered ____ ft. Describe access port or control devices: ____

11. WELL TESTS:
☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
19		650	18H

Water Temp. ____ Bottom hole temp. ____
Water Quality test or comments: ____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
12"	0	1	TOPSOIL	NO	
12"	1	2	BRN ROCK	NO	
12"	2	25	BRN SAND	NO	
12"	25	27	BRN ROCK	NO	
12"	27	40	WHITE SAND	NO	
10"	40	55	WHITE SAND	NO	
10"	55	60	BRN CLAY	NO	
10"	60	85	BRN COARSE SAND	NO	
10"	85	89	CLEAR WHITE SAND	NO	
10"	89	93	BRN GRAVEL	NO	
10"	93	95	BRN CLAY	NO	
10"	95	99	BRN SAND	NO	
10"	99	126	CLEAR SAND	NO	
10"	126	135	BRN SAND	NO	
10"	135	145	BRN SAND	NO	
10"	145	185	BRN HARD SANDSTONE	NO	
10"	185	242	WH/CLEAR DECOM GRANIT	NO	
10"	242	275	BRN/BL HARD GRANITE	NO	
10"	275	335	GRAY GRANITE	NO	
10"	335	340	GRAY SOLID GRANITE	NO	
10"	340	386	GRAY CRACKED GRANITE	YES	
10"	386	406	GRAY GRANITE	NO	
10"	406	447	GRAY GRANITE SOFTER	NO	
10"	447	453	GRAY GRANITE	NO	
10"	453	465	LT GRAY GRANITE	NO	
10"	465	480	WH/CRA/GRANIT HARD!	NO	
10"	480	483	WHITE GRANITE	NO	
10"	483	487	GRAY GRANITE	NO	
10"	487	520	HARD GRAY GRANITE	NO	
8"	520	545	GRAY GRANITE/CRACKS	NO	
8"	545	560	SOLID GRAY GRANITE	NO	
8"	560	575	GRAY GRANITE/CRACKS	NO	
8"	575	600	SOLID GRAY GRANITE	NO	

Completed Depth SEE NEXT LOG FORM (Measurable)
Date Started 8/4/94 Completed 9/26/94

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name S.O.S.WELLDRILLING Firm No. 212
Firm Official Tony MacSwith Date 10-12-94
and
Supervisor or Operator Fred Schmit Date 10-12-94
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

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/94

Pg. 2 of 2

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Use Typewriter or Ball Point Pen

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C

1. DRILLING PERMIT NO. CONTINUED
Other IDWR No.

2. OWNER:
Name JERRENE PHIPPIPS
Address
City State Zip

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

Twp. 5 North ☒ or South ☐
Rge. 2 East ☒ or West ☐
Sec. 19, 1/4 (10 acres) SW 1/4 (40 acres) SW 1/4 (160 acres)
Gov't Lot ___ County ADA

Address of Well Site
City
(Give at least name of road + Distance to Road or Landmark)

Lt. Blk. Sub. Name

4. PROPOSED USE:
☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other

5. TYPE OF WORK
☐ New Well ☐ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD
☐ Mud Rotary ☐ Air Rotary ☐ Cable ☐ Other

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	

Was drive shoe used? Y ☐ N ☐
Was drive shoe seal tested? Y ☐ N ☐ How?

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
5"	522	795	250	STEEL	☒	☐	☒	☐
3"	252	977	250	STEEL	☒	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe Length of Tailpipe

9. PERFORATIONS/SCREENS
☒ Perforations Method TORCH
☐ Screens Screen Type

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
735	795		240		STEEL	☐	☒
937	977		160		STEEL	☐	☒
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
340 ft. below ground Artesian pressure ___ lb.
Depth flow encountered ___ ft. Describe access port or control devices:

11. WELL TESTS:
☒ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
19		650	18H

Water Temp. Bottom hole temp.
Water Quality test or comments:

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
8"	600	605	CRACKS IN GRANITE	NO	
8"	605	615	SOFT GRANITE GRAY	NO	
8"	615	620	CRACKS IN GRANITE	NO	
8"	620	630	SOFT GRANITE GRAY	NO	
8"	630	670	CRACKS IN GRANITE	NO	
8"	670	675	SOFT GRANITE GRAY	NO	
8"	675	710	CRACKS IN GRANITE	NO	
8"	710	760	SOFT GRANITE	NO	
8"	760	776	HARD GRANITE/CRACKS	NO	
8"	776	796	HARD GRANITE	NO	
8"	796	856	HARD GRANITE/CRACKS	NO	
8"	856	976	GRAY GRANITE SOFTER	NO	
8"	976	1010	HARD GRANIT/FRACTURE	YES	
8"	1010	1036	SOLID GRAY GRANITE	YES	

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NOV 14 1994
WATER RESOURCES
WESTERN REGION

RECEIVED
MAR 20 1995
Department of Water Resources

JUN 2 8 1995

Completed Depth 977' FROM TOP OF CASING (measurable)
Date: Started 8/4/94 Completed 9/26/94

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name S.O.S. WELLDRILLING Firm No. 212
Firm Official Tony Hackett Date 10-12-94
and
Supervisor or Operator Date 10-12-94
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

8

Form 238-7
1794

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Use Typewriter or Ball Point Pen

053567

1. DRILLING PERMIT NO. 63-94-W-0746 -222
Other IDWR No. X

2. OWNER:
Name RUTH KELLY
Address 10720 JAY RD.
City BOISE State ID Zip 83703

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S — X

Twp 5 North ☒ or South ☐
Rge. 1 East ☒ or West ☐
Sec. 35 ____ 1/4 SW 1/4 (10 acres) SW 1/4 (10 acres) 1/4 (160 acres)
Gov't Lot ____ County ADA

Address of Well Site ____
10720 JAY ROAD City BOISE
(Give at least name of road + Distance to Road or Landmark)

Lt. 8 Blk. ____ Sub. Name MARYGLEN

4. PROPOSED USE:
☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other ____

5. TYPE OF WORK
☒ New Well ☐ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD
☐ Mud Rotary ☒ Air Rotary ☐ Cable ☐ Other ____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
BENT	0	20	3S	OVERBORE

Was drive shoe used? Y ☒ N ☐
Was drive shoe seal tested? Y ☐ N ☒ How? ____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+1	169	250	STEEL	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe ____ Length of Tailpipe ____

9. PERFORATIONS/SCREENS
☐ Perforations Method ____
☐ Screens Screen Type ____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
100 ft. below ground Artesian pressure ____ lb.
Depth flow encountered ____ ft. Describe access port or control devices: ____

11. WELL TESTS:
☒ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min	Drawdown	Pumping Level	Time
8		273	1HR

Water Temp. ____ Bottom hole temp. ____
Water Quality test or comments: ____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
9"	0	2	BRN SANDY TOPSOIL	NO	
9"	2	5	BRN SANDY CLAY	NO	
9"	5	8	LT. BRN SAND	NO	
9"	8	10	BRN SAND & GRAVEL	NO	
9"	10	20	LT BRN SAND/STRIP CLAY	NO	
6"	20	95	BRN SANDY CLAY	NO	
6"	95	105	BRN CLAY	NO	
6"	105	211	BLUE CLAY	NO	
6"	211	215	BLUE CLAY SHALE(SEEP)	YES	
6"	215	220	BLUE CLAY	NO	
6"	220	235	BLUE SANDSTONE	YES	
6"	235	594	BLUE SANDSTONE/BL.CLAY	NO	

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JAN 13 1995
Department of Water Resources

RECEIVED
SEP 14 1994
WATER RESOURCES
WESTERN REGION

JUL 26 1995

Completed Depth 594' FROM TOP OF CASING (Measurable)
Date: Started 8/15/94 Completed 8/23/94

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name S.O.S. WELLDRILLING Firm No. 212
Firm Official Frank Skinner Date 9-13-94
and
Supervisor or Operator Sam Kinney Date 9-13-94
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

Form 238-7
3/95

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT
Use Typewriter or Ballpoint Pen

061121

Office Use Only
Inspected by _____
Twp____ Rge____ Sec____
____1/4 ____1/4 ____1/4
Lat: : : Long: : :

1. DRILLING PERMIT NO. D000 1690
Other IDWR No. 63-98-10-0045-000

2. OWNER:
Name Gil Walker
Address 4080 Shamrock
City Boise State Id Zip 83713

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

Twp. 5 North X or South ☐
Rge. 1 East X or West ☐
Sec. 26 SE 1/4 SE 1/4 ____ 1/4
(10 acres / 40 acres / 160 acres)
Gov't Lot ____ County Ada
Lat: : : Long: : :

Address of Well Site _____
Brooks to Spring Creek City Eagle
(Give at least name of road + Distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. USE:
X Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)
X New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD
X Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
Bentonite	0	18	400	Pour

Was drive shoe used? ☐Y XN Shoe Depth(s) _____
Was drive shoe seal tested? ☐Y XN How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6	+2	260	250	Steel	=	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS
☐ Perforations Method _____
☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
140 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: Well Seal

11. WELL TESTS:
☐ Pump ☐ Bailer X Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
200			2

Water Temp. _____ Bottom hole temp. _____
Water Quality test or comments: _____
Depth first Water Encountered _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
10	0	2	Top Soil		X
	2	18	Clay		X
8	18	114	Brown Clay		X
	114	120	Grey Clay		X
	120	150	Blue Clay		X
	150	200	Blue Clay	X	
	200	250	Blue Clay	X	
	250	360	Blue Clay - 10 GPM	X	
	360	400	Blue Clay	X	
	400	450	Blue Clay	X	
	450	509	Blue Clay	X	
	509	511	Grey SAND / Lava	X	

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MAR 2 4 1998
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FEB 26 1998
WATER RESOURCES WESTERN REGION
RECEIVED
MAR 04 1998
Department of Water Resources

Completed Depth 511 (Measurable)
Date: Started 2-3-98 Completed 2-9-98

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name D. Phipps Firm No. 332
Firm Official D. Phipps Date 2-10-98
and
Supervisor or Operator Mark Phipps Date 2-10-98
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

10

Form 238-7
3/95

C

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Use Typewriter or Ballpoint Pen

Office Use Only
Inspected by _____
Twp____ Rge____ Sec____
____1/4 ____1/4 ____1/4
Lat: : : Long: : :

67113

1. DRILLING PERMIT NO. 63-7675
Other IDWR No. 63-98-W1-0789-000

2. OWNER:
Name Dave Stiles
Address 5125 Brookside
City Eagle State Id Zip 83616

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

Twp. 5 North ☑ or South ☐
Rge. 1 East ☑ or West ☐
Sec. 26, SW 1/4 SW 1/4 ____ 1/4
Gov't Lot ____ County Ada
Lat: . . . : . . : Long: . . . : . . :
Address of Well Site Same as above
City
(Give at least name of road + Distance to Road or Landmark)

Lt. ____ Blk. ____ Sub. Name ____

4. USE:
☑ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other ____

5. TYPE OF WORK check all that apply (Replacement etc.)
☑ New Well ☐ Modify ☐ Abandonment ☐ Other ____

6. DRILL METHOD
☐ Air Rotary ☑ Cable ☐ Mud Rotary ☐ Other ____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
Bentonite	0	30	7	Pumpin
#8 Sand	25'	600'	133	Pumpin

Was drive shoe used? ☑Y ☐ N Shoe Depth(s) 54'
Was drive shoe seal tested? ☐Y ☐N How?

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
8"	1½'	54'	250	Steel	☑	☐	☑	☐
4½"	25'	350'	Sch 40	PVC	☐	☐	☐	Stitch
4½	370'	440'	"	"	☐	☑	☐	"

Length of Headpipe 385' Length of Tailpipe 30'

9. PERFORATIONS/SCREENS
☐ Perforations Method ____
☑ Screens Screen Type PVC

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
350'	370'	20		4½	PVC	☐	☑
410'	430'	20		"	"	☐	☑
510'	530'	20		"	"	☐	☑

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
90 ft. below ground Artesian pressure ____ lb.
Depth flow encountered ____ ft. Describe access port or control devices: ____

11. WELL TESTS:
☑ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
10 GPM	450'	490'	6 days

Water Temp. ____ Bottom hole temp. ____
Water Quality test or comments: ____
Depth first Water Encountered ____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
10"	0	1	Road Mix		✓
	1	2	Sandy Soil		✓
10	2	28	Sandy Light Brown Clay		✓
8	28	45	Dark Brown Clay		✓
	45	50	Blue Shale		✓
	50	125	Gray Clay		✓
	125	126	Stringers of Clay & Sand	✓	
	126	364	Gray Clay		✓
	364	365	Stringers of Clay & Sand	✓	
	365	410	Gray Clay		✓
	410	415	Stringers of Clay & Sand	✓	
	415	530	Gray Clay		✓
	530	531	Black Sand	✓	
8	531	600	Gray Clay		✓
			Liner		
4½"	430	510'	Sch 40 Liner Slotted		
"	510'	600'	" " "		

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DEC 21 1998
Department of Water Resources

RECEIVED
DEC 15 1998
WATER RESOURCES
WESTERN REGION

MICROFILMED
MAR 0 8 1999

Completed Depth 600 ft. (Measurable)
Date: Started 10/27/98 Completed 12/4/98

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Boise Valley Pump & Drilling Firm No. 207
Firm Official [signature] Date 12/11/98
and
Supervisor or Operator Gary R. Fulton Date 12/10/98
(Signature if Firm Official & Operator)

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11

Form 238-7
11/97

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only
Inspected by
Twp ____ Rge ____ Sec ____
____ 1/4 ____ 1/4 ____ 1/4
Lat : : Long: : :

95047

1. WELL TAG NO. D 0009361
DRILLING PERMIT NO. 63-99-W 0226-501
Other IDWR No.

2. OWNER:
Name Thomas McKim
Address 2771 W. Cavalier Dr.
City Eagle State ID Zip 83616

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

Twp. 5 North ☒ or South ☐
Rge. 1 East ☒ or West ☐
Sec. 25 NW 1/4 NW 1/4 ____ 1/4
Gov't Lot ____ County Ada
Lat : : Long: : :
Address of Well Site Hwy 55
City Eagle
(Give at least name of road + Distance to Road or Landmark)
Lt. ____ Blk. ____ Sub. Name ____

4. USE:
☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☒ Injection ☐ Other ____

5. TYPE OF WORK check all that apply (Replacement etc.)
☐ New Well ☒ Modify ☐ Abandonment ☐ Other ____

6. DRILL METHOD
☐ Air Rotary ☒ Cable ☐ Mud Rotary ☐ Other ____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
N/A				

Was drive shoe used? ☐Y ☐ N Shoe Depth(s) ____
Was drive shoe seal tested? ☐ Y☐ N How? ____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
4½	8	222	250	PVC.	☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe ____ Length of Tailpipe ____

9. PERFORATIONS/SCREENS
Perforations
Screens
Method ____
Screen Type PVC.

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
222	442	020		4½	PVC.	☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
260 ft. below ground Artesian pressure ____ lb.
Depth flow encountered ____ ft. Describe access port or control devices: Weld on Pipe Plate. Ky

11. WELL TESTS:
☒ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
60			4

Water Temp. ____ Bottom hole temp. ____
Water Quality test or comments: ____
Depth first Water Encounter ____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
			N/A		
			See Original Log under Ben Stadler Well Remarked on 4/26/95		

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APR 19 1999
Department of Water Resources

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APR 16 1999
WATER RESOURCES
WESTERN REGION

Completed Depth 442 (Measurable)
Date: Started 4-5-99 Completed 4-5-99

MICROFILMED
JUN 08 1999

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name D. Phipps Well Dr. #11 Firm No. 332
Firm Official [signature] Date 4-15-99
and
Driller or Operator ____ Date ____
(Sign once if Firm Official & Operator)

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Form 238-7
11/97

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

RECEIVED
AUG 24 1999
Department of Water Resources

05434

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Inspected by _____
Twp ____ Rge ____ Sec ____
____ 1/4 ____ 1/4 ____ 1/4
Lat: : : Long: : :

1. WELL TAG NO. D 0009845
DRILLING PERMIT NO. 63-99-42-0585-000
Other IDWR No. _____

2. OWNER:
Name Robert Woodbe.
Address 10760 Jay Rd.
City Boise State Id Zip 83703

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

Twp. 5 North ☑ or South ☐
Rge. 1 East ☑ or West ☐
Sec. 35 SE 1/4 SW 1/4 1/4
Gov't Lot ____ County Ada
Lat: : : Long: : :
Address of Well Site 10760 Jay Rd.
City Boise
(Give at least name of road + Distance to Road or Landmark)

Lt. 11 Blk. 3 Sub. Name Macyglen

4. USE:
☑ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)
☑ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD
☐ Air Rotary ☑ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT ~~Sacks or~~ Pounds	METHOD
BENTONITE	0	8	8	OVER BORE

Was drive shoe used? ☑ Y ☐ N Shoe Depth(s) 279'
Was drive shoe seal tested? ☐ Y ☐ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	1	279	250		☑	☐	☑	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

MICROFILMED
OCT 13 1999

9. PERFORATIONS/SCREENS
Perforations Method _____
Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
_____ ft. below ground Artesian pressure _____ lb.
Depth flow encountered ____ . ____ ft. Describe access port or control devices: _____

WELL TESTS: ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
0			

Water Temp. NO water Bottom hole temp. _____
Water Quality test or comments: 0
Depth first Water Encounter _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water V	Water N
8	0	20	TOP SOIL		✓
	20	85	SANDY CLAY		✓
	85	90	HARD BROWN CLAY		✓
	90	480	BLUE CLAY		✓

RECEIVED
AUG 20 1999
WATER RESOURCES
WESTERN REGION

Completed Depth 480'
Date: Started July 26-99 Completed Aug 5-99

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name Clearwater Dealership Firm No. 382
Firm Official Bruce Ramsey Date 8-18-99
and
Driller or Operator _____ Date _____
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

13

Form 238-7
3/95-C96

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT 59063

Office Use Only
Inspected by _____
Twp ____ Rge ____ Sec ____
____ 1/4 ____ 1/4 ____ 1/4
Lat: : : Long: : :

1. DRILLING PERMIT NO. 63-99-W-0768-00
Other IDWR No. D0012032

2. OWNER:
Name Ada Co. Sheriff Dept.
Address 7200 Barrister
City Boise State ID Zip 83704

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location

N / W / E / S

Twp. 4 North ☒ or South ☐
Rge. 1 East ☒ or West ☐
Sec. 1 1/4 (10 acres) NW 1/4 (40 acres) SW 1/4 (160 acres)
Gov't lot _____ County Ada
Lat: : : Long: : :
Address of Well Site E/of Old Hwy 55, S/of Dry Creek City
(Give at least name of road + Distance to Road or Landmark)
Lt. 2 Blk. 1 Sub. Name Hidden Hollow

4. USE:
☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)
☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD
☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
bentonite	0'	20'	11	overbore

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) _____
Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+2'	38'	.250	Steel	☒	☐	☒	☐
4.5"	30'	400'	Sc40	PVC	☐	☒	☐	☒
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS
☒ Perforations Method saw
☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
360'	400'		160	4.5"	PVC	☐	☒
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
135ft. below ground Artesian Pressure ____ lb
Depth flow encountered ____ ft. Describe access port or control devices: _____

11. WELL TESTS:
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Pumping Level	Time
10		380	1 hr

Water Temp. _____ Bottom hole temp. _____
Water Quality test or comments: _____
Depth first Water Encountered 15'

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia	From	To	Remarks: Lithology, Water Quality & Temp.	Water Y	Water N
10"	0'	2'	brown topsoil		☒
10"	2'	10'	black topsoil		☒
10"	10'	15'	brown sandy clay		☒
10"	15'	18'	blue clay w/quartz sand	☒	
6"	18'	380'	blue/grey clay		☒
6"	380'	381'	crack	☒	
6"	381'	383'	black clay stone		☒
6"	383'	400'	grey/green hard clay		☒

RECEIVED RECEIVED
SEP 27 1999 SEP 21 1999
WATER RESOURCES
Department of Water Resources WESTERN REGION
NOV 30 1999

Completed Depth: 400 (Measurable)
Date: Started 8-19-99 Completed 8-19-99

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name SOS Welldrilling & Pump Co Firm No. 212
Firm Official Frank Skinner Date 9-20-99
Supervisor or Operator Gary Kuiper Date 9-20-99
(Sign once if Firm Official & Operator)

Date: 09/15/99 Time: 8:36 AM

Form 238-7
3/95 C96

14

V3

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only
Inspected by _____
Twp _____ Rge _____ Sec _____
_____ 1/4 _____ 1/4 _____ 1/4
Lat: : : Long: : :

764160

1. DRILLING PERMIT NO. __ - __ - __ - ___ - ____
Other IDWR No. D0012790

2. OWNER:
Name Maupin Homes
Address 8560 Vic Lane
City Middleton State ID Zip 83644

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location

N
W E S
X

Twp. 5 North X or South ☐
Rge. 2 East X or West ☐
Sec. 31 NW 1/4 (10 acres) NE 1/4 (40 acres) 1/4 (160 acres)
Gov't lot _____ County Ada
Lat: : : Long: : :
Address of Well Site 6411 West Dry Creek
City Eagle
(Give at least name of road + Distance to Road or Landmark)
Lt. _____ Blk. _____ Sub. Name _____

4. USE:
X Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)
X New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD
X Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
Bentonite	0	18	400	overbore

Was drive shoe used? X Y ☐ N Shoe Depth(s) 58'
Was drive shoe seal tested? ☐ Y X N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+2	58	250	Steel	X	☐	X	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS
☐ Perforations Method _____
☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
62ft below ground Artesian Pressure _____ lb
Depth flow encountered _____ Describe access port or control devices: _____

11. WELL TESTS:
☐ Pump ☐ Bailer X Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Pumping Level	Time
25			2hrs

Water Temp. 62deg Bottom hole temp. _____
Water Quality test or comments: 7GPG 4PPM 8PH
Depth first Water Encountered _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temp.	Water Y	Water N
10	0	18	Tan clay		
6	18	25	Tan clay		
6	25	120	Blue clay		
6	120	123	Blue clay	X	
6	123	184	Blue clay		
6	184	190	Blue clay	X	
6	190	300	Blue clay	X	
6	300	327	Blue clay		
6	327	342	Blue clay	X	
6	342	360	Blue clay		

RECEIVED
MAY 5 - 2000
Department of Water Resources

RECEIVED
MAY 03 2000
WATER RESOURCES
WESTERN REGION

Completed Depth: 360' (Measurable)
Date: Started 04/26/00 Completed 04/27/00

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Hiddleston & Son, Inc. Firm No. 35
Firm Official _____ Date 5/1/00
Supervisor or Operator _____ Date 5/1/00
(Sign once if Firm Official & Operator)

15

766637

Form 238-7
11/97

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

C

Office Use Only
Inspected by _____
Twp ____ Rge ____ Sec ____
____ 1/4 ____ 1/4 ____ 1/4
Lat: : : Long: : :

1. WELL TAG NO. D 0015495
DRILLING PERMIT NO. ___-___-___-_____-_____
Other IDWR No. _____

2. OWNER:
Name Scott Quinney
Address 11850 N. Horseshoe Bend Rd.
City Boise State ID Zip 83602

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

Twp. 4 North ☒ or South ☐
Rge. 1 East ☒ or West ☐
Sec. 1 ____ 1/4 NE 1/4 SW 1/4
Gov't Lot ____ County Ada
Lat: : : Long: : :
Address of Well Site 11850 N. Horseshoe Bend Rd.
City Boise
(give at least name of road + distance to road or intersection)

Lt. _____ Blk. _____ Sub. Name _____

4. USE:
☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)
☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD
☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
Bentonite	0	42	125 LB	Overhose

Was drive shoe used? ☐Y ☒ N Shoe Depth(s) _____
Was drive shoe seal tested? ☐ Y ☐ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+1.5	474	.25	Steel	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS
Perforations Method _____
Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
96 ft. below ground Artesian pressure ____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: _____

11. WELL TESTS:
☒ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min.	Drawdown	Pumping Level	Time
1/3 GPM			

Water Temp. 62° Bottom hole temp. ____
Water Quality test or comments: _____
Depth first Water Encounter 96

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
10	0	2	Top Soil		X
"	2	10	Brown Clay		X
"	10	16	Tan Clay		X
"	16	52	Coarse Quartz Sand		X
6	42	90	Blue Clay		X
"	90	96	Blue Shale	X	
"	96	200	Blue Clay		X
"	200	420	Blue Shale		X
			(WELL PRODUCES APPROX. 285 GALLONS IN 24 HR PERIOD)		

RECEIVED
OCT 19 2000
Department of Water Resources

RECEIVED
SEP 22 2000
WATER RESOURCES
WESTERN REGION

Completed Depth 420 Ft (Measurable)
Date: Started 9/8/00 Completed 9/10/00

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name Goonse Well Drilling Firm No. 409
Firm Official Gary E. Goonse Date 9/20/00
and
Driller or Operator Corey Clark Date 9/20/00
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

16

767457

Form 238-7
3/95-C96

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only
Inspected by _____
Twp ____ Rge ____ Sec ____
____1/4 ____1/4 ____1/4
Lat: : : Long: : :

1. DRILLING PERMIT NO. __-__-__-____-____
Other IDWR No. D0015882

2. OWNER:
Name Ruth Kelly
Address 10720 Jay Rd
City Boise State ID Zip 83703

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location

N
W E
S

Twp. 5 North ☒ or South ☐
Rge. 1 East ☒ or West ☐
Sec. 35 1/4 (10 acres) SW 1/4 (40 acres) SW 1/4 (160 acres)
Gov't lot _____ County Ada
Lat: : : Long: : :
Address of Well Site 10720 Jay Rd
City Boise
(Give at least name of road + Distance to Road or Landmark)
Lt. _____ Blk. 8 Sub. Name Mar

4. USE:
☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)
☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD
☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
bentonite	0'	18+'	8	overbore
1/2" pea gravel	90'	1185	11 yds	filter pack

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) _____
Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
8"	+1'	99'	.250	steel	☒	☐	☒	☐
4.5"	2'	1184	Sc40	Pvc	☐	☒	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS
☒ Perforations Method saw
☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
205'	245'			4.5"	PVC	☐	☒
265'	285'			4.5"	PVC	☐	☒
380'	400'			4.5"	PVC	☐	☒

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
118ft. below ground Artesian Pressure _____ lb
Depth flow encountered _____ ft. Describe access port or control devices: _____

11. WELL TESTS:
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min.	Drawdown	Pumping Level	Time
est 25 GPM		1200	1/2 hr.

Water Temp. _____ Bottom hole temp. _____
Water Quality test or comments: _____
Depth first Water Encountered 208

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia	From	To	Remarks: Lithology, Water Quality & Temp.	Y	N
11"	0'	2'	brown top soil		☒
11"	2'	18'	brown sand		☒
9"	18'	30'	brown sand		☒
9"	30'	95'	brown sand & clay strips		☒
8"	95'	205'	blue/grey clay		☒
8"	205'	208'	void	☒	
8"	208'	240'	blue/grey clay	☒	
8"	240'	625'	blue/grey clay		☒
8"	625'	630'	cracks in grey clay		☒
8"	630'	1020'	grey clay		☒
8"	1020'	1030'	some cracks in grey clay		☒
8"	1030'	1070'	grey clay		☒
8"	1070'	1100'	cracks in grey clay	☒	
8"	1100'	1200'	grey clay		☒
			Continued Perforations:		
			500'-520'		
			620'-640'		
			700-720'		
			800'-820'		
			920'-940'		
			1040'-1080'		
			1120'-1140'		
			1160'-1180'		
			1/2" pea gravel filter pack		
			90' - 1185'		

RECEIVED
JAN 10 2001
Department of Water Resources

RECEIVED
JAN 04 2001
WATER RESOURCES
WESTERN REGION

Completed Depth: 1185 (Measurable)
Date: Started 11-13-00 Completed 11-21-00

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name SOS Welldrilling & Pump Co Firm No. 212
Firm Official Larry Hackett Date 12-19-00
Supervisor or Operator _____ Date 12-19-00
(Sign once if Firm Official & Operator)

Date: 12/18/00 Time: 4:12 PM

17

USE TYPEWRITER OR BALL POINT PEN

State of Idaho
Department of Reclamation

WELL DRILLER'S REPORT

State law requires that this report be filed with the State Reclamation Engineer within 30 days after completion or abandonment of the well.

1. WELL OWNER

Name JOE TERTLING

Address BOISE IDAHO

Owner's Permit No.

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

☐ Domestic ☐ Irrigation ☒ Test

☐ Municipal ☐ Industrial ☐ Stock

4. METHOD DRILLED

☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 12 inches Total depth 615 feet

Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
.25 inches	inches	feet	feet
.250 inches	12 inches	±1 feet	24 feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☐ Yes ☒ No

How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation inches by inches

Number		From	To
perforations		feet	feet
perforations		feet	feet
perforations		feet	feet

Well screen installed? ☐ Yes ☒ No

Manufacturer's name

Type Model No.

Diameter Slot size Set from feet to feet

Diameter Slot size Set from feet to feet

Gravel packed? ☐ Yes ☒ No Size of gravel

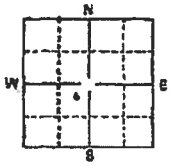
Placed from feet to feet

Surface seal? ☒ Yes ☐ No To what depth 24 feet

Material used in seal ☐ Cement grout ☒ Puddling clay

6. LOCATION OF WELL

Sketch map location must agree with written location.



63

County ADA

NE ¼ SW ¼ Sec. 1 T. 4 N/S R. 1 E/W

7. WATER LEVEL

Static water level 18 feet below land surface

Flowing? ☐ Yes ☒ No G.P.M. flow

Temperature ° F. Quality

Artesian closed-in pressure p.s.i.

Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☐ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
12	0	18	BLACK DIRT		
	18	615	BLUE CLAY SOME SEAMS IN CLAY NO WATER STRATAS SOME WATER COULD BAIL DOWNTO 100FT.		

001358

10.

Work started MARCH 71 finished APRIL 71

11. DRILLER'S CERTIFICATION

This well was drilled under my supervision and this report is true to the best of my knowledge.

RUSSEL COWE DRILLING CO 65
Driller's or Firm's Name Number

Address

Signed By Russel Cowe Date

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE DEPARTMENT

18

775872

Form 238-7
1/97

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only
Inspected by _____
Twp ____ Rge ____ Sec ____
____ 1/4 ____ 1/4 ____ 1/4
Lat: : : Long: : :

1. WELL TAG NO. D 19777
DRILLING PERMIT NO. ____
Other IDWR No. ____

2. OWNER:
Name Doug Valle
Address 10603 Jay Rd.
City Eagle State ID Zip 83616

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

Twp. 4 North X or South ☐
Rge. 1 East X or West ☐
Sec. 2, ____ 1/4 NW 1/4 NW 1/4
Gov't Lot ____ County Ada
Lat: : : Long: : :
Address of Well Site 10603 Jay Rd
City Eagle.
(Give at least name of road + Distance to Road or Landmark)

Lt. ____ Blk. ____ Sub. Name ____

4. USE:
X Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other ____

5. TYPE OF WORK check all that apply (Replacement etc.)
☐ New Well X Modify ☐ Abandonment ☐ Other ____

6. DRILL METHOD
☐ Air Rotary X Cable ☐ Mud Rotary ☐ Other ____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
Bentonite	1	18		
N/A				

Was drive shoe used? ☐ Y ☐ N N/A Shoe Depth(s) ____
Was drive shoe seal tested? ☐ Y ☐ N How? ____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
	N/A				☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe ____ Length of Tailpipe ____

9. PERFORATIONS/SCREENS
Perforations Method ____
Screens Screen Type ____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
220 ft. below ground Artesian pressure ____ lb.
Depth flow encountered ____ ft. Describe access port or control devices: Well Seal

11. WELL TESTS:
X Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min.	Drawdown	Pumping Level	Time
15			30 min
12			1 HR

Water Temp. ____ Bottom hole temp. ____
Water Quality test or comments: ____
Depth first Water Encounter ____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
6	415	500	Sandy Blue clay	X	
	500	530	Sandy clay	X	
	530	630	Sandy clay	X	
	630	750	Sandy clay - Sand	X	

RECEIVED
JUN 10 2002
WATER RESOURCES
WESTERN REGION

Completed Depth 750 (Measurable)
Date: Started 3-26-02 Completed 4-15-02

13. DRILLER'S CERTIFICATION
DENNIS OWENS WELL DRILLING, INC
3 W. HANLEY AVE.
MERIDIAN, IDAHO 83642
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name ____ Firm No. 332
Firm Official [signature] Date 5-1-02
and
Driller or Operator ____ Date ____
(Sign once if Firm Official's Operator)

FORWARD WHITE COPY TO WATER RESOURCES

19

1708

RECEIVED
AUG 25 1964
Department of Reclamation

Well Log Form 1
SM-3/63

WELL LOG AND REPORT TO THE STATE RECLAMATION ENGINEER OF IDAHO 097973

SUBMIT WITHIN 30 DAYS AFTER COMPLETION OF WELL: SEE IDAHO STATUTES 42-238

Permit No. 32051 Well No. _____ County Ada

Owner Ben F. Stadler

Address Route 1 Boise, Idaho

Driller Russell Gowen

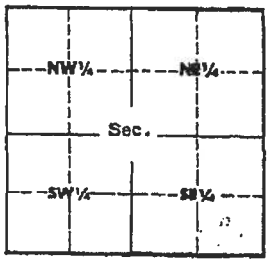
Address Boise, Idaho

Well location SE ¼ SE ¼ Sec. 26 T. 5N N/S, R. 1E E/W

Size of drilled hole 12" to 340' 10" 340' to 688'

Total depth of well 688'

Locate well in section



Give depth to standing water from the ground flowing Water temp. 82.5 °Fahr.

Test delivery was 900 g.p.m. or ✓ c.f.s. Drawdown was — feet. Pump? — Bail? ✓

Size of pump and motor used to make test None

Length of time of test _____ hours _____ minutes.

If flowing well, give flow _____ c.f.s. or 900 g.p.m. and of shut off pressure 5 lbs.

If flowing well, described control works 6" Gate Valve
(TYPE AND SIZE OF VALVE, ETC.)

Water will be used for Domestic+irrigation Weight of casing per lineal foot _____

Thickness of casing ¼ wall Casing material Steel
(STEEL, CONCRETE, WOOD, ETC.)

Diameter, length and location of casing 12" casing to 340' 8" casing 340 to 688'
(CASING 12" IN DIAMETER OR LESS, GIVE INSIDE DIAMETER; CASING OVER 12" IN DIAMETER, GIVE OUTSIDE DIAMETER)

CASING RECORD

Diam. Casing	From Feet	To Feet	Length	Remarks—seals, grouting, etc.
12"	0'	340'	343' 3' above ground.	Casing set in hard blue shale
8"	321'	688'	367'	8" Seal into 12" at 321' from ground level

Number and size of perforations 5/32" 990 perforations located _____ feet to _____ feet from ground
perforations 633' to 688'

Date of commencement of well June 1, 1964 Date of completion of well Aug. 12, 1964

3

WELL LOG

From Feet	To Feet	Type of Material	Water-bearing Formation Ans. Yes or No	Casing Perforated Ans. Yes or No
0'	35'	Brown Clay	No	No
35'	240'	Blue Shale	No	No
240'	245'	Sand & Some pea gravel	Yes	No
245'	640'	Blue Shale	No	No
640'	688'	pea gravel & coarse sand	Yes	Yes
		If more space is required use Sheet No. 2		

WELL DRILLER'S STATEMENT

This well was drilled under my supervision and the above information is complete, true and correct to the best of my knowledge and belief.

Signed Russell Covel

By

License No. 65

Dated August 25, 1964

Well Driller's Helper Wayne E Stevens

20

783535

Office Use Only
Inspected by _____
Twp _____ Rge _____ Sec _____
_____ 1/4 _____ 1/4 _____ 1/4
Lat: : : Long: : :

Form 238-7
3/95-C96

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. DRILLING PERMIT NO. __-__-__-____-____
Other IDWR No. D0025456

2. OWNER:
Name Ray Lewis
Address 13152 Hwy 55
City Boise State ID Zip 83703

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location

N
W E
S

Twp. 5 North ☒ or South ☐
Rge. 1 East ☒ or West ☐
Sec. 35 1/4 (10 acres) NW 1/4 (40 acres) SW 1/4 (160 acres)

Gov't lot _____ County Ada

Lat: : : Long: : :

Address of Well Site 13152 Hwy 55
City Boise
(Give at least name of road + Distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. USE:
☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)
☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD
☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
Bentonite	0'	18'	8 sacks	overbore

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) _____
Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+2'	38'	.250	steel	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS
☐ Perforations Method _____
☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
45ft. below ground Artesian Pressure _____ lb
Depth flow encountered _____ ft. Describe access port or control devices: _____

11. WELL TESTS:
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Pumping Level	Time
6 GPM		560'	.5 hrs.

Water Temp. _____ Bottom hole temp. _____
Water Quality test or comments: _____
Depth first Water Encountered 111

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia	From	To	Remarks: Lithology, Water Quality & Temp.	Water Y	Water N
10"	0'	4'	brown sand		☒
10"	4'	15'	sandy tan clay		☒
10"	15'	18'	sandy blue clay		☒
6"	18'	29'	sandy blue clay		☒
6"	29'	111'	hard sticky blue clay		☒
6"	111'	117'	hard blue clay w/small cracks	☒	
6"	117'	204'	hard blue clay		☒
6"	204'	208'	hard blue clay w/cracks	☒	
6"	208'	245'	hard blue clay		☒
6"	245'	247'	hard blue clay stone		☒
6"	247'	351'	hard blue clay		☒
6"	351'	352'	hard blue clay w/cracks	☒	
6"	352'	469'	hard blue clay		☒
6"	469'	472'	blue clay stone	☒	
6"	472'	583'	hard blue clay		☒
6"	583'	584'	hard blue clay w/cracks	☒	
6"	584'	959'	hard blue clay		☒
6"	959'	962'	hard blue clay w/cracks	☒	
6"	962'	1024'	hard blue clay		☒
6"	1024'	1150'	light grey clay stone		☒

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SEP 17 2002
WATER RESOURCES
WESTERN REGION

Completed Depth: 1150 (Measurable)
Date: Started 8-13-02 Completed 8-19-02

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name SOS Welldrilling & Pump Co Firm No. 212
Firm Official Frank Shirley Date 9-13-02
Supervisor or Operator Dick Date 9-13-02
(Signature if Firm Official & Operator)

Date: 9/12/02 Time: 1:50 PM

21

79608

Form 238-7
11/97

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only
Inspected by _____
Twp ____ Rge ____ Sec ____
____ 1/4 ____ 1/4 ____ 1/4
Lat: : : Long: : :

1. WELL TAG NO. D 0025873
DRILLING PERMIT NO. ____-____-____-____-____
Other IDWR No. _____

2. OWNER:
Name TOM GILLIS
Address 16200 N BASIN WAY
City BOISE State ID Zip 83714

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

Twp. 5 North X or South ☐
Rge. 1 East X or West ☐
Sec. 24, SE 1/4 SE 1/4 SE 1/4
Gov't Lot ____ County ADA
Lat: : : Long: : :

Address of Well Site _____
16200 N BASIN WAY (Give at least name of road & distance to Road or Landmark) City BOISE

Lt. _____ Blk. _____ Sub. Name SPRINK CREEK

4. USE:
X Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)
X New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD
X Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
3/8" BENTONITE	0	40	35	OVER BORE
				DRY POUR

Was drive shoe used? X Y ☐ N Shoe Depth(s) 500'
Was drive shoe seal tested? ☐ Y X N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
5"	+1½	200	.250	STEEL	X	☐	X	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS
Perforations Method FACTORY CUT DOUBLE ROW
Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
200	500	Y8	DOUBLE ROW	5	STEEL	X	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
250 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: SANITARY WELL CAP

11. WELL TESTS:
X Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
30		390'	3hrs

Water Temp. 60° Bottom hole temp. _____
Water Quality test or comments: _____
Depth first Water Encounter _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
10"	0	4	TOP SOIL		
10	4	30	CLAY		
5"	30	132	CEMENTED YELLOW SAND		
	132	140	BLACK BASALT		
	140	182	CEMENTED COARSE YELLOW SAND		
	182	184	BASALT		
	184	290	DECOMPOSED GRANITE		
↓	290	410	BLUE SANDY DECOMPOSED GRANITE		
5"	410	500	GRANITE - BROKEN		
5"	500	720	GRANITE - BROKEN		

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APR 04 2003
WATER RESOURCES
WESTERN REGION

RECEIVED
APR 01 2003
WATER RESOURCES
WESTERN REGION

Completed Depth 500' (Measurable)
Date: Started 2/2/03 Completed 3/19/03

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name RIVERSIDE INC. Firm No. 333
Firm Official _____ Date _____
and
Driller or Operator _____ Date 3-31-03
(Signed by Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

22

Form 238-7
9/82

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR BALLPOINT PEN

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

90.

1. WELL OWNER

Name Judy Brockway

Address Hiway 55 Boise 83703

Owner's Permit No. _____

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED

☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
.250 inches	6 inches +	18" feet	130 feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was casing drive shoe used? ☐ Yes ☒ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☐ Yes ☒ No
Manufacturer's name _____
Type _____ Model No. _____
Diameter ___ Slot size ___ Set from _____ feet to _____ feet
Diameter ___ Slot size ___ Set from _____ feet to _____ feet
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____
Placed from _____ feet to _____ feet
Surface seal depth 130 Material used in seal: ☐ Cement grout ☐ Bentonite ☒ Puddling clay ☒ Cuttings
Sealing procedure used: ☐ Slurry pit ☒ Temp. surface casing ☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata
Describe access port well cap

6. LOCATION OF WELL

Sketch map location must agree with written

MICROFILMED
MAR 14 1988

N / W / E / S

Subdivision Name _____

Lot No. _____ Block No. _____

County Ada

Sec 25

S½ ¼ _____ ¼ Sec. 26 T. 5 (N)S, R. 1 (E)W.

7. WATER LEVEL

Static water level 0 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature _____ °F. Quality _____
Describe artesian or temperature zones below.

8. WELL TEST DATA

☐ Pump ☐ Bailer ☒ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
100	20	1

9. LITHOLOGIC LOG

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
8	0	40	brown clay		X
	40	117	gray clay		X
	117	119	fine black sand (5 GPM)	X	
6	119	235	light blue clay		X
	235	238	light gray sand (8 GPM)	X	
	238	450	light blue clay		X
	450	460	coarse granite sand	X	

RECEIVED
JUN 22 1987
051250
Department of Water Resources

Department of Water Resources
Western Region

10.

Work started 6/4/87 finished 6/5/87

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name W.E. Stevens & Sons Firm No. 153

Address 3709 Hawthorne DR Date 6/16/87

Signed by (Firm Official) Wayne E Stevens

and

(Operator) Wayne E Stevens

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

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238-7

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

USE TYPEWRITER OR BALLPOINT PEN

WELL OWNER

Name Judy Brockway

Address Hiway 55 Boise 83703

Owner's Permit No. _____

NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

METHOD DRILLED

☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other _____

WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
.250 inches	6 inches + 18"	0 feet	130 feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was casing drive shoe used? ☐ Yes ☒ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☐ Yes ☒ No
Manufacturer's name _____
Type _____ Model No. _____
Diameter ____ Slot size ____ Set from _____ feet to _____ feet
Diameter ____ Slot size ____ Set from _____ feet to _____ feet
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____
Placed from _____ feet to _____ feet
Surface seal depth 430 Material used in seal: ☐ Cement grout ☐ Bentonite ☒ Puddling clay ☒ ~~cuttings~~
Sealing procedure used: ☐ Slurry pit ☒ Temp. surface casing ☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata
Describe access port well cap

7. WATER LEVEL

Static water level 0 feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature _____ °F. Quality _____
Describe artesian or temperature zones below.

8. WELL TEST DATA

☐ Pump ☐ Bailer ☒ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
100	20	1

9. LITHOLOGIC LOG

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
8	0	40	brown clay		X
	40	117	gray clay		X
	117	119	fine black sand (5 GPM)	X	
6	119	235	light blue clay		X
	235	238	light gray sand (8 GPM)	X	
	238	450	light blue clay		X
	450	460	coarse granite sand	X	

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JUN 22 1987
051251
Department of Water Resources

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JUN 23 1987
Department of Water Resources
Western Regional Office

10. Work started 6/4/87 finished 6/5/87

LOCATION OF WELL

Sketch map location must agree with written location.

N / W / E / S

Subdivision Name _____
Lot No. _____ Block No. _____
County Ada Sec 26
¼ ¼ ¼ Sec. 26-25 T. 5 (N) S, R. 1 (E) W.

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name W.E. Stevens & Son Firm No. 153
Address 3709 Hawthorne DR Date 6/16/87
Signed by (Firm Official) Wayne E Stevens
and
(Operator) Wayne E Stevens

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

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Form 238-7
6/02

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only
Well ID No. 806863
Inspected by
Twp ____ Rge ____ Sec ____
____ 1/4 ____ 1/4 ____ 1/4
Lat: : : Long: : :

1. WELL TAG NO. D 0030489
DRILLING PERMIT NO. 879203 - 806863
Water Right or Injection Well No.

2. OWNER:
Name JIM & LINDA EVERETT
Address 10945 W. JANIE RD.
City BOISE State ID Zip 83703

3. LOCATION OF WELL by legal description:
You must provide address or Lot, Blk, Sub. or Directions to well.
Twp. 4 North ☒ or South ☐
Rge. 1 East ☒ or West ☐
Sec. 3 NE 1/4 (10 acres) NE 1/4 (40 acres) ____ 1/4 (160 acres)
Gov't Lot ____ County ADA
Lat: : : Long: : :
Address of Well Site SAME
(Give at least name of road - Distance to Road or Landmark) City
Lt. ____ Blk. ____ Sub. Name

4. USE:
☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other

5. TYPE OF WORK check all that apply (Replacement etc.)
☒ New Well ☐ Modify ☐ Abandonment ☐ Other

6. DRILL METHOD:
☒ Air Rotary ☒ Cable ☐ Mud Rotary ☐ Other

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
BENTONITE	0	18	800 lbs.	OVERBORE

Was drive shoe used? ☒Y ☐N Shoe Depth(s) 97'
Was drive shoe seal tested? ☐Y ☒N How?

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
8"	1½	97	.250	STEEL	☒	☐	☒	☐
4½	-9	98	.80	PVC	☐	☒	☐	☐
					☐	☐	☐	☐

Length of Headpipe 89' Length of Tailpipe
Packer ☐Y ☒N Type

9. PERFORATIONS/SCREENS PACKER TYPE
Perforation Method
Screen Type & Method of Installation PVC, SCREENS

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
98	418	.020	80	4½	PVC	☐	☒
						☐	☐
						☐	☐

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method
8/12 SAND	46	418	9600 lbs	POUR

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
95 ft. below ground Artesian pressure ____ lb.
Depth flow encountered ____ ft. Describe access port or control devices:

12. WELL TESTS:
☒ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
9			3½ hrs.

Water Temp. Bottom hole temp.
Water Quality test or comments: HARDNESS - 11 ; IRON - 1.7
Depth first Water Encounter

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
12"	0	2	TOP SOIL		X
	2	18	BRN. CLAY W/SAND STRKS.		X
8"	18	31	BRN. CLAY W/SAND STRKS.		X
	31	71	BRN. CLAY		X
	71	120	BLUE CLAY		X
	120	418	BLUE CLAY	X	

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OCT 21 2003
WATER RESOURCES
WESTERN REGION

Completed Depth 418' (Measurable)
Date: Started 9/16/03 Completed 9/29/03

14. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name DENNIS PHIPPS WELL DRILLING INC. Firm No. 332
Principal Driller [signature] Date 9/30/03
and
Driller or Operator II [signature] Date 9-30-03
Operator I Date
Principal Driller and Rig Operator *Required.*
Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES

25

Form 238-7
6/02

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only
Well ID No. 807406
Inspected by
Twp ____ Rge ____ Sec ____
____ 1/4 ____ 1/4 ____ 1/4
Lat: : : Long: : :

1. WELL TAG NO. D 0030590
DRILLING PERMIT NO.
Water Right or Injection Well No.

2. OWNER:
Name Gayle Chapin
Address 10805 Jane Pl
City Boise State Ida Zip 83703

3. LOCATION OF WELL by legal description:
You must provide address or Lot, Blk, Sub. or Directions to well.
Twp. 4 North ☑ or South ☐
Rge. 2 East ☑ or West ☐
Sec. 3 NE 1/4 (10 acres) NE 1/4 (Degrees) ____ 1/4 (160 acres)
Gov't Lot ____ County Ada
Lat: : : Long: : :
Address of Well Site Same as Above
City
(Give at least owner of road + Closest to Road or Landmark)
Lt. ____ Blk. ____ Sub. Name

4. USE:
☑ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other

5. TYPE OF WORK check all that apply (Replacement etc.)
☑ New Well ☐ Modify ☐ Abandonment ☐ Other

6. DRILL METHOD:
☐ Air Rotary ☑ Cable ☐ Mud Rotary ☐ Other

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement: Method
Bentonite	0	20'	600 lbs	Overburden Ann

Was drive shoe used? ☐Y ☑N Shoe Depth(s) 49 ft
Was drive shoe seal tested? ☐Y ☑N How?

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6in	1½'	49'	.250	Steel	☑	☐	☑	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe ____ Length of Tailpipe
Packer ☐Y ☐N Type

9. PERFORATIONS/SCREENS PACKER TYPE
Perforation Method
Screen Type & Method of Installation

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
83 ft. below ground Artesian pressure ____ lb.
Depth flow encountered ____ ft. Describe access port or control devices:

12. WELL TESTS:
☑ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
10 GPM	300 ft	420 ft	3 Days

Water Temp. 50° Bottom hole temp.
Water Quality test or comments:
Depth first Water Encounter 101 ft

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
10"	0	2	Top Soil		✓
↓	2	5	Sandy Soil		✓
↓	5	10	Dark Brown Sand		✓
10	10	20	Brown Sand		✓
6	20	25	Brown Sand		✓
	25	35	Sandy Brown Clay		✓
	35	56	Gray Clay		✓
	56	75	Solid Brown Clay		✓
	75	133	Light Gray Clay Some Water		✓
	133	183	Dark Gray Clay		✓
	183	335	Light Gray Clay		✓
	335	397	Dark Gray Clay		✓
	397	420	Light Gray Clay		✓
	420	512	Gray Clay		✓
	512	520	Gray Broken Lava Rock & Gray Sand	✓	

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DEC 12 2003
WATER RESOURCES
WESTERN REGION

Completed Depth 520 ft (Measurable)
Date: Started 10/23/03 Completed 10/25/03

14. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Company Name Boise Valley Pump & Drilling Firm No 307
Principal Driller Ron Swanberg Date
and
Driller or Operator II Gary R. Fulton Date 12/12/03
Operator I Date
Principal Driller and Rig Operator *Required.*
Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES

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USE TYPEWRITER OR BALL POINT PEN

State Idaho
Department of Water Resources

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name LEE HEWARD

Address HOWEY 55

Owner's Permit No. —

2. NATURE OF WORK

☑ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

☑ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type)

☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

4. METHOD DRILLED

☐ Cable ☑ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 8" inches Total depth 383 feet

Casing schedule: ☑ Steel ☐ Concrete

Thickness	Diameter	From	To
.322" inches	— inches	+ feet	— feet
.250" inches	8" inches	81 feet	101' feet
.250" inches	6" inches	101 feet	198' feet
— inches	— inches	— feet	— feet
— inches	— inches	— feet	— feet

Was casing drive shoe used? ☑ Yes ☐ No

Was a packer or seal used? ☐ Yes ☑ No

Perforated? ☐ Yes ☑ No

How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation — inches by — inches

Number	From	To
— perforations	— feet	— feet
— perforations	— feet	— feet
— perforations	— feet	— feet

Well screen installed? ☐ Yes ☑ No

Manufacturer's name —

Type — Model No. —

Diameter — Slot size — Set from — feet to — feet

Diameter — Slot size — Set from — feet to — feet

Gravel packed? ☐ Yes ☑ No Size of gravel —

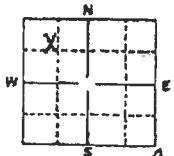
Placed from — feet to — feet

Surface seal depth 40' Material used in seal ☐ Cement grout ☑ Puddling clay ☐ Well cuttings

Seeding procedure used ☐ Slurry pit ☐ Temporary surface casing ☑ Overbore to seal depth

6. LOCATION OF WELL

Sketch map location must agree with written location. 63



Subdivision Name —

Lot No. — Block No. —

County ADA

NW ¼ NW ¼ Sec. 25, T. 5 ☑ N ☐ S, R. 1 ☑ E ☐ W

7. WATER LEVEL

Static water level 200 feet below land surface

Flowing? ☐ Yes ☑ No G.P.M. flow —

Temperature — ° F. Quality —

Artesian closed-in pressure — p.s.i.

Controlled by ☐ Valve ☑ Cap ☐ Plug

8. WELL TEST DATA AIR COMPRESSOR

☐ Pump ☐ Bailer ☑ Other

Discharge G.P.M.	Draw Down	Hours Pumped
25	12	4

46606

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
8"	0	40	BROWN CLAY		✓
	40	101	LARGE SAND	✓	
	101	190	LAVA		✓
6"	190	198	SAND (FINE)		✓
	198	383	GRANITE		✓
	383		~~BROKEN~~ FRACTURED ZONE	✓	

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SEP 23 1977
DEPARTMENT OF WATER RESOURCES
Water Resource Regional Office

10. Work started 8-6-77 finished 8-18-77

11. DRILLERS CERTIFICATION

Firm Name H2O WELL DRILLING Firm No. 303

Address 11917 HIGHLANDER Rd. Date 8-28-77

Signed by (Firm Official) Bruce G. Connolly

and

(Operator) Bruce G. Connolly

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE COPY TO THE DEPARTMENT

27

Form 238-7
6/02

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only
Well ID No. 808858
Inspected by
Twp ____ Rge ____ Sec ____
____ 1/4 ____ 1/4 ____ 1/4
Lat: : : Long: : :

1. WELL TAG NO. D 0030542
DRILLING PERMIT NO.
Water Right or Injection Well No.

2. OWNER:
Name Gayle Chapin
Address 1965 Jardin Rd
City Boise State ~~Id~~ Zip 83703

3. LOCATION OF WELL by legal description:
You must provide address or Lot, Blk, Sub. or Directions to well.
Twp. 4 North ☑ or South ☐
Rge. 1 East ☑ or West ☐
Sec. 2, SW 1/4 (10 acres) NW 1/4 (40 acres) ____1/4 (160 acres)
Gov't Lot ____ County Ada
Lat: : : Long: : :
Address of Well Site same as above
(Give at least name of road + Distance to Cities or Landmarks) City
Lt. Blk. Sub. Name

4. USE:
☑ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other

5. TYPE OF WORK check all that apply (Replacement etc.)
☐ New Well ☑ Modify ☐ Abandonment ☐ Other

6. DRILL METHOD:
☐ Air Rotary ☑ Cable ☐ Mud Rotary ☐ Other

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method

Was drive shoe used? ☐Y ☐N Shoe Depth(s)
Was drive shoe seal tested? ☐Y ☐N How?

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe Length of Tailpipe
Packer ☐Y ☐N Type

9. PERFORATIONS/SCREENS PACKER TYPE
Perforation Method
Screen Type & Method of Installation

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
79 ft. below ground Artesian pressure lb.
Depth flow encountered ft. Describe access port or control devices:

12. WELL TESTS:
☑ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Pumping Level	Time
10 GPM	300 ft	420 ft	2 Days

Water Temp. 50° Bottom hole temp.
Water Quality test or comments:
Depth first Water Encountered 524 ft

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
6	300	393	Dark Gray Clay		✓
6	393	523	Gray Clay		✓
6	523	529	Gray Sand	✓	
6	529	533	Sandy Gray Clay		✓
6	533	565	Light Gray Clay		✓

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DEC 12 2003
WATER RESOURCES
WESTERN REGION

Completed Depth 565 ft (Measurable)
Date: Started 11/7/03 Completed 11/14/03

14. DRILLER'S CERTIFICATION.
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Company Name Boise Valley Pump & Drilling Firm No. 207
Principal Driller Don Brueckner Date 12/12/03
and
Driller or Operator II Gary K. Fuller Date 12/12/03
Operator I Date
Principal Driller and Rig Operator *Required.*
Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES

28

809023

Office Use Only
Inspected by _____
Twp ____ Rge ____ Sec ____
____ 1/4 ____ 1/4 ____ 1/4
Lat: : : Long: : :

Form 238-7
3/95-C96

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. DRILLING PERMIT NO. __-__-D-0030-739
Other IDWR No. _____

2. OWNER:
Name Cory Anderson
Address 13340 N. Horseshoe Bend Rd.
City Boise State ID Zip 83714

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location

N
W E
S

Twp. 5 North ☒ or South ☐
Rge. 1 East ☒ or West ☐
Sec. 35 1/4 (10 acres) SW 1/4 (40 acres) SW 1/4 (160 acres)
Gov't lot _____ County Ada
Lat: : : Long: : :
Address of Well Site Same
City Boise
(Give at least name of road + Distance to Road or Landmark)
Lt. _____ Blk. _____ Sub. Name _____

4. USE:
☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)
☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD
☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
Bentonite	2'	18'	600#	Overbore
Cuttings	0	2'		Overbore

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 118'
Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+2'	118'	.250	Steel	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS
☐ Perforations Method _____
☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
150ft. below ground Artesian Pressure _____ lb
Depth flow encountered ____ ft. Describe access port or control devices: _____

11. WELL TESTS:
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min.	Drawdown	Pumping Level	Time
1		600'	1 Hr

Water Temp. _____ Bottom hole temp. _____
Water Quality test or comments: _____
Depth first Water Encountered 330'

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia	From	To	Remarks: Lithology, Water Quality & Temp.	Water Y	Water N
10"	0	2'	Brown Sandy Clay		☒
10"	2'	18'	Brown Sand		☒
6"	18'	63'	Brown Sand W/Strips of Clay		☒
6"	63'	100'	Brown Sandy Clay		☒
6"	100'	330'	Blue Clay		☒
6"	330'	331'	Crack/Blue Clay	☒	
6"	331'	607'	Blue Clay		☒

RECEIVED
NOV 24 2003
WATER RESOURCES
WESTERN REGION

Completed Depth: 607 (Measurable)
Date: Started 11/14/03 Completed 11/19/03

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Down Right Drilling & Pum Firm No. 637
Firm Official _____ Date 11-21-03
Supervisor or Operator _____ Date _____
(Sign once if Firm Official & Operator)

Date: 11/21/2003 Time: 8:32 AM

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USE TYPEWRITER OR BALL POINT PEN

State of Idaho
Department of Water Administration

WELL DRILLER'S REPORT

State law requires that this report be filed with the State Reclamation Engineer within 30 days after completion or abandonment of the well.

RECEIVED
Department of Water Administration

1. WELL OWNER

Name John Ferguson

Address 1811 North Phillippi Boise, Idaho

Owner's Permit No. _____

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test

☐ Municipal ☐ Industrial ☐ Stock

4. METHOD DRILLED

☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 6 inches Total depth _____ feet

Casing schedule: ☐ Steel ☐ Concrete

Thickness		Diameter		From		To	
.250	inches	8	inches	0	feet	21'1"	feet
.188	inches	8	inches	21'1"	feet	171'5"	feet
_____	inches	_____	inches	_____	feet	_____	feet
_____	inches	_____	inches	_____	feet	_____	feet
_____	inches	_____	inches	_____	feet	_____	feet

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☐ Yes ☐ No

How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation _____ inches by _____ inches

Number		From		To	
_____	perforations	_____	feet	_____	feet
_____	perforations	_____	feet	_____	feet
_____	perforations	_____	feet	_____	feet

Well screen installed? ☐ Yes ☒ No

Manufacturer's name _____

Type _____ Model No. _____

Diameter ___ Slot size ___ Set from _____ feet to _____ feet

Diameter ___ Slot size ___ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☒ No Size of gravel _____

Placed from _____ feet to _____ feet

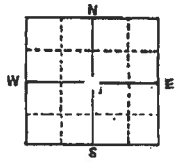
Surface seal? ☒ Yes ☐ No To what depth 25 feet

Material used in seal ☐ Cement grout ☒ Puddling clay

6. LOCATION OF WELL

Sketch map location must agree with written location.

63



Spring Creek Estates Lot # 3

County Ada

N/W ¼ S/E ¼ Sec. 25 T. 5 N. R. 1 E.

7. WATER LEVEL

Static water level 86 feet below land surface

Flowing? ☐ Yes ☒ No G.P.M. flow _____

Temperature _____ ° F. Quality _____

Artesian closed-in pressure _____ p.s.i.

Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☒ Pump ☐ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped
70	13 ft.	4 hrs.

9. LITHOLOGIC LOG 46614

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
6	0	60	brown sticky clay		X
	60	128	blue clay	X	
	128	135	sticky blue clay		X
	[illegible]		and quartz sand		
	135	445	blue clay	X	
	445	453	sticky blue clay and quartz sand		X
	453	492	blue clay		X
	492	498	quartz sand and blue clay		X
	498	500	quartz sand	X	

10.

Work started _____ finished _____

11. DRILLER'S CERTIFICATION

This well was drilled under my supervision and this report is true to the best of my knowledge.

W.E. Stevens & Sons 153
Driller's or Firm's Name Number

3709 Hawthorne Driver Boise, Idaho 83703
Address

Signed By Wayne E. Stevens Dec. 5, 1972
Date

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE DEPARTMENT

30

USE TYPEWRITER OR BALL POINT PEN

State of Idaho
Department of Water Resources

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name Ben Stadler

Address Rt.#1 Hiway 55 Boise

Owner's Permit No.

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☐ Abandoned (Describe method of abandoning)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type)

☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

4. METHOD DRILLED

☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 6 inches Total depth 448 feet

Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
.250 inches	6 inches	+1 feet	127'8" feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet

Was casing drive shoe used? ☐ Yes ☐ No

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☐ Yes ☐ No

How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation ____ inches by ____ inches

Number	From	To
____ perforations	____ feet	____ feet
____ perforations	____ feet	____ feet
____ perforations	____ feet	____ feet

Well screen installed? ☐ Yes ☒ No

Manufacturer's name

Type Model No.

Diameter ___ Slot size ___ Set from ___ feet to ___ feet

Diameter ___ Slot size ___ Set from ___ feet to ___ feet

Gravel packed? ☐ Yes ☒ No Size of gravel

Placed from feet to feet

Surface seal depth 127 Material used in seal ☐ Cement grout ☒ Puddling clay ☒ Well cuttings

Seeding procedure used ☐ Slurry pit ☐ Temporary surface casing ☐ Overburden to seal depth

6. LOCATION OF WELL

Sketch map location must agree with written location.

Top of Hill

N / W / E / S

Subdivision Name

Lot No. Block No.

County Ada

¼ NW ¼ Sec. 25 T. 5 N. R. 1 E.

7. WATER LEVEL

Static water level 258 feet below land surface

Flowing? ☐ Yes ☐ No G.P.M. flow

Temperature ° F. Quality

Artesian closed-in pressure p.s.i.

Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☒ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped

46612

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
6	0	1	dark brown clay topsoil		x
	1	3	dark brown clay & rock		x
	3	108	light brown clay		x
	108	149	blue clay		x
	149	166	hard brown granite		x
	166	297	lava rock		x
	297	301	black cinders		x
	301	335	rock		x
	335	337	cinders	x	
	337	351	rock		x
	351	352	cinders		x
	352	364	rock		x
	364	366	cinders		x
	366	397	rock		x
	397	448	broken blue clay & cinders, mixed-medium to coarse quarts sand & cinders	x	

10.

Work started finished 4/26/75

11. DRILLERS CERTIFICATION

Firm Name W. E. Stevens & Sons Firm No. 253

Address 3709 Hawthorne Drive Date 5/15/75

Signed by (Firm Official)

and

(Operator)

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE COPY TO THE DEPARTMENT

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812953

Form 238-7
3/95-C96

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only
Inspected by _____
Twp ____ Rge ____ Sec ____
____ 1/4 ____ 1/4 ____ 1/4
Lat: : : Long: : :

1. DRILLING PERMIT NO. 0 -0 -3 -1076 - ____
Other IDWR No. _____

2. OWNER:
Name Tony abd Tara Eiguren
Address 4997 Brookside Ln.
City Boise State ID Zip 83714

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location

N
W E S

Twp. 5 North ☒ or South ☐
Rge. 1 East ☒ or West ☐
Sec. ___ 1/4 (10 acres) SE 1/4 (40 acres) NE 1/4 (160 acres)
Gov't lot _____ County Ada
Lat: : : Long: : :
Address of Well Site 4997 Brookside Ln.
City Boise
(Give at least name of road + Distance to Road or Landmark)
Lt. _____ Blk. _____ Sub. Name _____

4. USE:
☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)
☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD
☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
Bentonite	0	20	600Lbs	Dry Pour

Was drive shoe used? ☐ Y ☒ N Shoe Depth(s) _____
Was drive shoe seal tested? ☐ Y ☐ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+2	30	.250	Steel	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS
☐ Perforations Method _____
☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
100ft. below ground Artesian Pressure ____ lb
Depth flow encountered ____ ft. Describe access port or control devices: _____

11. WELL TESTS:
☒ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min.	Drawdown	Pumping Level	Time
2.5GPM	300ft	400ft	5hours

Water Temp. 63DegF Bottom hole temp. _____
Water Quality test or comments: _____
Depth first Water Encountered 260ft

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temp.	Water Y	Water N
10"	0	3	Top Soil		☒
"	3	12	Brown Sandy Clay		☒
"	12	20	Tan Sandy Clay		☒
6"	20	26	Tan Clay		☒
"	26	420	Blue Clay	☒	

RECEIVED
APR 28 2004
WATER RESOURCES
WESTERN REGION

Completed Depth: 420 (Measurable)
Date: Started 4-10-04 Completed 4-11-04

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Coonse Well Drilling Firm No. 409
Firm Official _____ Date 4-12-04
Supervisor or Operator _____ Date 4-12-04
(Sign once if Firm Official & Operator)

Date: 4/12/2004 Time: 9:16:34 AM

32

USE TYPEWRITER OR BALL POINT PEN

1721

State of Idaho
Department of Reclamation

WELL DRILLER'S REPORT

State law requires that this report be filed with the State Reclamation Engineer within 30 days after completion or abandonment of the well.

J. H. Received 6-22-70 IDW Reclamation

1. WELL OWNER

Name D mcarthur mcarthur

Address Norwell 2815

Owner's Permit No.

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test

☐ Municipal ☐ Industrial ☐ Stock

4. METHOD DRILLED

☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 6 inches Total depth 620 feet

Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
.250 inches	6 inches	0 feet	49 feet
____ inches	____ inches	____ feet	____ feet
____ inches	____ inches	____ feet	____ feet
____ inches	____ inches	____ feet	____ feet
____ inches	____ inches	____ feet	____ feet

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☐ Yes ☒ No

How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation ____ inches by ____ inches

Number		From	To
____	perforations	____ feet	____ feet
____	perforations	____ feet	____ feet
____	perforations	____ feet	____ feet

Well screen installed? ☐ Yes ☐ No

Manufacturer's name

Type Model No.

Diameter ___ Slot size ___ Set from ____ feet to ____ feet

Diameter ___ Slot size ___ Set from ____ feet to ____ feet

Gravel packed? ☐ Yes ☐ No Size of gravel

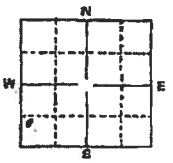
Placed from feet to feet

Surface seal? ☐ Yes ☐ No To what depth 25 feet

Material used in seal ☐ Cement grout ☒ Puddling clay

6. LOCATION OF WELL

Sketch map location must agree with written location.



63

6

County

SW ¼ SW ¼ Sec. 26 T. 39S N/S, R. 1 E/W

7. WATER LEVEL

Static water level ____ feet below land surface

Flowing? ☐ Yes ☐ No G.P.M. flow 5

Temperature ____ ° F. Quality

Artesian closed-in pressure ____ p.s.i.

Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☐ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped

043000

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
	0	2	Top Soil		X
	2	18	Sandy		X
	18	38	Yellow Clay		X
	38	44	Blue Clay		X
	44	80	Blue Shale		X
			Some water at 80		
	80	490	Blue Shale Little more water 490		
	490	620	Blue Shale		
			Moore water 5-55		

10.

Work started March 2 finished March 32

11. DRILLER'S CERTIFICATION J. H.

This well was drilled under my supervision and this report is true to the best of my knowledge.

Harvey W. Stone 114

Driller's or Firm's Name Number

Address

Signed By Date

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE DEPARTMENT

33

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR BALLPOINT PEN

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name Dixon-Benson Farms

Address Rt. 1, Eagle, Idaho 83616

Owner's Permit No. _____

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning)

_____

3. PROPOSED USE

☐ Domestic ☒ Irrigation ☐ Test ☐ Other (specify type)

☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

4. METHOD DRILLED

☐ Cable ☒ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 28 inches Total depth 479 feet

Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
.270 inches	16 inches	+ 2 feet	194 feet
.270 inches	16 inches	234 feet	280 feet
.270 inches	16 inches	300 feet	366 feet
.270 inches	16 inches	466 feet	478 feet
_____ inches	_____ inches	_____ feet	_____ feet

Was casing drive shoe used? ☐ Yes ☒ No

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☐ Yes ☒ No

How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation _____ inches by _____ inches

Number		From		To	
_____	perforations	_____	feet	_____	feet
_____	perforations	_____	feet	_____	feet
_____	perforations	_____	feet	_____	feet

Well screen installed? ☒ Yes ☐ No

Manufacturer's name Roscoe Moss

Type _____ Model No. _____

Diameter 16 Slot size 80 Set from 194 feet to 234 feet

Diameter 16 Slot size 80 Set from 280 feet to 300 feet

Gravel packed? ☒ Yes ☐ No Size of gravel 3/8 minus

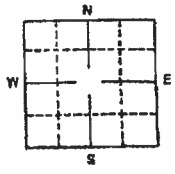
Placed from 35 feet to 479 feet

Surface seal depth 35' Material used in seal: ☐ Cement grout ☒ Puddling clay ☐ Well cuttings

Sealing procedure used: ☐ Slurry pit ☐ Temporary surface casing ☒ Overbore to seal depth

6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name _____

Lot No. _____ Block No. _____

County Ada

NE ¼ NW ¼ Sec. 35, T. 5N N/S, R. 1E E/W

7. WATER LEVEL

Static water level 58 feet below land surface.

Flowing? ☐ Yes ☐ No G.P.M. flow _____

Temperature _____ °F. Quality _____

Artesian closed-in pressure _____ p.s.i.

Controlled by: ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☐ Bailer ☐ Other

Discharge G.P.M.	Drawdown	Hours Pumped

9. LITHOLOGIC LOG 041513

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
28	0	65	Sand		
	65	85	Sand & Clay mixed		
	85	91	Clay		
	91	94	Rock		
	94	96	Sand		
	96	97	Rock		
	97	119	Blue & Brn. Clay		
	119	156	Blue Clay w/some Sand		
	156	180	Blue Clay		
	180	191	Blue Clay w/some Sand		
	191	226	Blue Sand w/some Clay		
	226	244	Brn. Clay		
	244	254	Blue Clay		
	254	290	Brn. Clay w/some Sand		
	290	303	Sand		
	303	365	Brn. & Blue Clay w/some Sand		
	365	398	Fine to Coarse Sand		
	398	419	Fine to Med. Sand w/some Clay		
	419	444	Coarse Gray Sand w/some Pea Gravel		
	444	448	Fine to Med. Sand w/some Clay		
	448	453	Brn. Clay		
	453	459	Fine to Med. Blue Sand		
	459	469	Blue Sand w/some Clay		
	469	479	Blue Clay w/some Sand		

10.

Work started 10-8-77 finished 11-2-77

11. DRILLERS CERTIFICATION

Firm Name Pete Cope Drilling Co., Inc. Firm No. 213

Address 10566 K-Bar-T Drive Boise, Idaho 83705 Date 11-2-77

Signed by (Firm Official) _____

and

(Operator) _____

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

34

TYPEWRITER OR BALL POINT PEN

State of Idaho
Department of Water Administration

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Administration within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name Wallace Connolly

Address R.T. D. #1 Brookside Estates

Owner's Permit No. Boise Ida 83707

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type)

☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

4. METHOD DRILLED

☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 8 inches Total depth 419 feet

Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
250 inches	8 inches	+1 feet	19 feet
____ inches	____ inches	____ feet	____ feet
____ inches	____ inches	____ feet	____ feet
____ inches	____ inches	____ feet	____ feet
____ inches	____ inches	____ feet	____ feet

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☐ Yes ☒ No

How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation ____ inches by ____ inches

Number	From	To
____ perforations	____ feet	____ feet
____ perforations	____ feet	____ feet
____ perforations	____ feet	____ feet

Well screen installed? ☐ Yes ☒ No

Manufacturer's name ____

Type ____ Model No. ____

Diameter ____ Slot size ____ Set from ____ feet to ____ feet

Diameter ____ Slot size ____ Set from ____ feet to ____ feet

Gravel packed? ☐ Yes ☒ No Size of gravel ____

Placed from ____ feet to ____ feet

Surface seal depth 19 Material used in seal ☐ Cement grout ☒ Puddling clay ☐ Well cuttings

Sealing procedure used ☐ Slurry pit ☐ Temporary surface casing ☒ Overbore to seal depth

7. WATER LEVEL

Static water level 40 feet below land surface

Flowing? ☐ Yes ☒ No G.P.M. flow ____

Temperature ____ ° F. Quality FAIR

Artesian closed in pressure ____ p.s.i.

Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☒ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped
1	419'	3

042957

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
10	0	1	Top Soil		X
10	1	5	Brown Clay		X
10	5	20	Yellow Clay Stiff		X
8	20	30	Layers of Blue + yellow Clay		X
8	30	50	Blue Clay	X	X
8	50	100	Blue Clay	X	X
8	100	150	Stiff Blue Clay	X	X
8	150	200	Blue Clay	X	X
8	200	250	Stiff Blue Clay	X	X
8	250	300	Blue Clay	X	
8	300	350	Blue Clay	X	
8	350	400	Blue Clay	X	
8	400	410	Fractured Broken Blue Clay	X	
8	410	419	Blue Clay	X	

10. Work started 10/31/73 finished 11/28/73

11. DRILLER'S CERTIFICATION

Firm Name Jesse Hill & Son Firm No. 216

Address 4119 Lind St Nampa Date 12/3/73

Signed by (Firm Official) Jesse Hill

and (Operator) ____

6. LOCATION OF WELL 63

Sketch map location must agree with written location.

N / W / E / S

Subdivision Name ____

Lot No. ____ Block No. ____

County Ada

SE ¼ SE ¼ Sec. 26 T. 5 N., R. 1 E. W.

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE COPY TO THE DEPARTMENT

Appendix F: Water Level Data Collected in 1964

Date	Time	Co wel (In es to water)	Pasture well (inches)	Barn well (inches)	Paine well (lbs pressure-dia gage)	Stadler artesian well (inches in 6-in pipe)	Stadler pump well
5/17/1964	7:50 PM				13.75		
6/15/1964	7:50 PM				13.5		
6/15/1964	8:50 PM					1.25	
6/16/1964	5:30 AM					1.13	
6/16/1964	6:30 AM			pump on			
6/16/1964	11:00 AM					1.25	
6/16/1964	12:00 PM		pump on				
6/16/1964	2:30 PM	33.38					
6/16/1964	3.30 PM		2.38-2.50				
6/30/1964	2:30 PM					1.25	
7/1/1964	6:00 AM			pump on			
7/4/1964	10:00 AM					0.75-0.88	
7/4/1964	12:00 PM						pump on
7/6/1964	5:30 AM					0.75	
7/6/1964	5:45 AM				pump on		
7/7/1964	5:30 AM	42.5				0.75	
7/8/1964	5:00 PM					0.75	
7/9/1964	6:30 AM	49.75					
7/9/1964	5:00 PM					0.75	
7/9/1964	5:30 PM				2		
7/9/1964	7:15 PM	pump off		pump off	pump off		
7/9/1964	8:30 PM				6.75		
7/10/1964	5:30 AM				10.25	1.125; 10 gpm	
7/10/1964	5:40 AM	pump on					
7/10/1964	6:00 PM				7.25		
8/4/1964	11:30 AM						pump on
8/4/1964	7:30 PM				6.5		
8/11/1964	am						pump off
8/11/1964	7:30 PM				6.5		
8/14/1964	pm						pump on
8/16/1964	7:30 PM	well low			6.25		pump on
8/27/1964	am						pump off
8/27/1964	7:30 PM				6.25		
9/3/1964	am	1.25 inches in 8-in pipe (pump off)	1.5-1.63 (pump on)				
9/3/1964	7:15 PM				9		
9/4/1964	7:15 PM				9		
9/7/1964	7:15 PM		2 (pump off)		9		
9/8/1964	pm			pump on	pump on	sprinklers on	
9/8/1964	7:00 PM				10.5		
9/9/1964	8:00 AM	66.5		very small flow			
9/9/1964	9:00 AM		1.75 inches then 1.5 inches when pump turned on				
9/9/1964	pm						pump on
9/9/1964	5:00 PM	69.75	1.19				
9/10/1964	8:15 AM	70.75	1	very small flow			
9/10/1964	6:30 PM	71	0.94				
9/11/1964	7:00 AM	71.75	0.88				
9/11/1964	6:00 PM	72	0.75				
9/12/1964	7:30 AM	72.5	0.69				
9/12/1964	4:00 PM		0.63	pump on - moderately good flow			
9/12/1964	6:00 PM	73.38		13 gpm (pump off)			
9/12/1964	6:20 PM				3 (pump off)		
9/12/1964	6:35 PM		0.75				
9/12/1964	6:45 PM	52					
9/12/1964	7:00 PM	38					
9/12/1964	7:05 PM		1.06				

Date	Time	Corn well (inches to water)	Pasture well (inches)	Barn well (in)	Paine well (lbs pressure dial gage)	Stadler artesian well (inches in 6-in pipe)	Stadler pump well
9/12/1964	7:15 PM	26					pump off
9/12/1964	7:30 PM				5 (pump on)		
9/13/1964	7:30 AM	73.13	0.56				
9/14/1964	7:00 AM	73.5	0.5				
9/14/1964	7:00 PM	74.5	0.44				
9/15/1964	7:00 AM	74	0.38				
9/15/1964	7:00 PM	74	0.38				
9/17/1964							pump on
9/18/1964	8:30 AM	75.5	0.25				
9/19/1964	3:40 PM		0.13			sprinklers on	
9/19/1964	3:45 PM	75.63					
9/19/1964	4:00 PM				8-in pipe flowing 1/2 full		
9/23/1964	9:00 AM		flow almost stopped				
9/23/1964	10:00 AM	77.25					
9/25/1964	9:40 AM	77.5	no change				
9/27/1964	5:30 PM	80	no change			turned sprinklers on	
9/28/1964	8:30 AM	78.75	< 1	water at top of casing	0.9 cfs		
10/1/1964	7:30 AM				9.5		
10/2/1964	8:30 AM				10		
10/3/1964	6:15 PM				10.5		
10/4/1964	5:00 PM				10.9		
10/5/1964	1:30 PM				11		
10/6/1964	11:30 AM				9.9		
10/7/1964	6:30 AM				11		
10/7/1964	6:00 PM				11.25		
10/8/1964	7:00 AM				11.25		
10/10/1964	6:00 PM				11.9		
10/11/1964	6:00 PM				12		
10/12/1964	5:30 PM				12.1		
10/16/1964	5:00 PM				12.5		
10/17/1964	5:30 PM				12.6		
10/18/1964	5:40 PM				12.6		
10/20/1964	11:00 AM				13		
10/21/1964	8:00 AM				13		
10/23/1964	10:00 AM				13		
10/26/1964	10:30 AM				13.1		
10/29/1964						wasting water down creek	
11/10/1964					13.5		
11/20/1964					13.25		
11/23/1964	12:30 PM				13.3	wasting water down creek	

Appendix G: Water Quality Sampling Data from Jeker Wells

Well 1

Analytical Laboratories, Inc.
1804 N. 33rd Street
Boise, Idaho 83703
Phone (208) 342-5515

Date Report Printed: 12/6/2005 10:27:0
http://www.analyticallaboratories.com

Laboratory Analysis Report

Sample Number: 0535153

Attn: TERRY SCANLAN, P.E.,
S P F WATER ENGINEERING, LLC
600 E RIVER PARK LN STE 105
BOISE, ID 83706

Collected By: S KING
Submitted By: S KING

Source of Sample:
PROJECT: JEKER A0013241 SUBM

Time of Collection: 16:15
Date of Collection: 11/18/2005
Date Received: 11/19/2005
Report Date: 12/6/2005

PWS#:
PWS Name:

FIELD DATA: TEMP=22.9 DEGREES C PH=8.3 COND=320 us

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Aluminum, Al		0.42	mg/L	0.10	EPA 200.7	11/22/2005	KC
Arsenic Furnace		<0.005	mg/L	0.005	EPA 200.8	11/23/2005	JH
Boron, B		<0.10	mg/L	0.10	EPA 200.7	11/30/2005	KC
Calcium, Ca		19.5	mg/L	0.10	EPA 200.7	11/23/2005	KC
Copper, Cu		<0.01	mg/L	0.01	EPA 200.7	11/22/2005	KC
Iron, Fe		<0.05	mg/L	0.05	EPA 200.7	11/22/2005	KC
Magnesium, Mg		1.40	mg/L	0.10	EPA 200.7	11/23/2005	KC
Manganese, Mn		<0.05	mg/L	0.05	EPA 200.7	11/22/2005	KC
Potassium, K		5.2	mg/L	0.5	EPA 200.7	11/23/2005	KC
Silica		37.4	mg/L	0.25	EPA 200.7	11/30/2005	KC
Sodium, Na		54.2	mg/L	0.10	EPA 200.7	11/23/2005	KC
Zinc, Zn		<0.005	mg/L	0.005	EPA 200.7	11/22/2005	KC
Nitrate (as N)		<0.2	mg/L	0.2	EPA 300.0	11/21/2005	WW
Ammonia Direct (as N)		0.64	mg/L	0.04	EPA 350.1	11/22/2005	WW
Alkalinity		133	mg/L CaCO3		SM 2320B	11/30/2005	BF
Chloride, Cl		4	mg/L	1	EPA 300.0	11/23/2005	WW
Fluoride, F		3.91	mg/L	0.1	EPA 300.0	11/28/2005	WW
Hardness		53.3	mg/L	5	SM 2340	11/29/2005	WW
Sulfate, SO4		29	mg/L	1	EPA 300.0	11/23/2005	WW
Total Dissolved Solids		172	mg/L	25	EPA 160.1	11/30/2005	DLR

Michael Moore 12/6/05

Thank you for choosing Analytical Laboratories for your testing needs.

If you have any questions about this report, or any future analytical needs, please contact: Michael Moore

MCL = Maximum Contamination Level
MDL = Method/Minimum Detection Limit
UR = Unregulated

Well 3

Analytical Laboratories, Inc.

1804 N. 33rd Street
Boise, Idaho 83703
Phone (208) 342-5515

Date Report Printed: 12/6/2005 10:27:0
http://www.analyticallaboratories.com

Laboratory Analysis Report

Sample Number: 0535152

Attn: TERRY SCANLAN, P.E.,
S P F WATER ENGINEERING, LLC
600 E RIVER PARK LN STE 105
BOISE, ID 83706

Collected By: S KING
Submitted By: S KING

Source of Sample:
PROJECT: JEKER A0013243 ROAD

Time of Collection: 15:45
Date of Collection: 11/18/2005
Date Received: 11/19/2005
Report Date: 12/6/2005

PWS#:
PWS Name:

FIELD DATA: PH=7.8 COND=442 us

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Aluminum, Al		0.26	mg/L	0.10	EPA 200.7	11/22/2005	KC
Arsenic Furnace		<0.005	mg/L	0.005	EPA 200.8	11/23/2005	JH
Boron, B		<0.10	mg/L	0.10	EPA 200.7	11/30/2005	KC
Calcium, Ca		28.9	mg/L	0.10	EPA 200.7	11/23/2005	KC
Copper, Cu		<0.01	mg/L	0.01	EPA 200.7	11/22/2005	KC
Iron, Fe		<0.05	mg/L	0.05	EPA 200.7	11/22/2005	KC
Magnesium, Mg		2.35	mg/L	0.10	EPA 200.7	11/23/2005	KC
Manganese, Mn		<0.05	mg/L	0.05	EPA 200.7	11/22/2005	KC
Potassium, K		5.6	mg/L	0.5	EPA 200.7	11/23/2005	KC
Silica		40.6	mg/L	0.25	EPA 200.7	11/30/2005	KC
Sodium, Na		67.2	mg/L	0.10	EPA 200.7	11/23/2005	KC
Zinc, Zn		<0.005	mg/L	0.005	EPA 200.7	11/22/2005	KC
Nitrate (as N)		<0.2	mg/L	0.2	EPA 300.0	11/21/2005	WW
Ammonia Direct (as N)		0.80	mg/L	0.04	EPA 350.1	11/22/2005	WW
Alkalinity		177	mg/L CaCO3		SM 2320B	11/30/2005	BF
Chloride, Cl		5	mg/L	1	EPA 300.0	11/23/2005	WW
Fluoride, F		2.79	mg/L	0.1	EPA 300.0	11/28/2005	WW
Hardness		80.8	mg/L	5	SM 2340	11/29/2005	WW
Sulfate, SO4		46	mg/L	1	EPA 300.0	11/23/2005	WW
Total Dissolved Solids		224	mg/L	25	EPA 160.1	11/30/2005	DLR

Michael Moore 12/6/05

Thank you for choosing Analytical Laboratories for your testing needs.

If you have any questions about this report, or any future analytical needs, please contact: Michael Moore

MCL = Maximum Contamination Level
MDL = Method/Minimum Detection Limit
UR = Unregulated

Well 4

Analytical Laboratories, Inc.

1804 N. 33rd Street
Boise, Idaho 83703
Phone (208) 342-5515

Date Report Printed: 12/6/2005 10:27:0
http://www.analyticallaboratories.com

Laboratory Analysis Report

Sample Number: 0535151

Attn: TERRY SCANLAN, P.E.,
S P F WATER ENGINEERING, LLC
600 E RIVER PARK LN STE 105
BOISE, ID 83706

Collected By: S KING
Submitted By: S KING

Source of Sample:
PROJECT: JEKER/DRY CREEK JEKER HOME

Time of Collection: 15:15
Date of Collection: 11/18/2005
Date Received: 11/19/2005
Report Date: 12/6/2005

PWS#:
PWS Name:

FIELD DATA: TEMP=24.2 DEGREES C PH=7.9 COND=358 us

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Aluminum, Al		0.37	mg/L	0.10	EPA 200.7	11/22/2005	KC
Arsenic Furnace		<0.005	mg/L	0.005	EPA 200.8	11/23/2005	JH
Boron, B		<0.10	mg/L	0.10	EPA 200.7	11/30/2005	KC
Calcium, Ca		31.9	mg/L	0.10	EPA 200.7	11/23/2005	KC
Copper, Cu		<0.01	mg/L	0.01	EPA 200.7	11/22/2005	KC
Iron, Fe		0.11	mg/L	0.05	EPA 200.7	11/22/2005	KC
Magnesium, Mg		3.29	mg/L	0.10	EPA 200.7	11/23/2005	KC
Manganese, Mn		<0.05	mg/L	0.05	EPA 200.7	11/22/2005	KC
Potassium, K		5.5	mg/L	0.5	EPA 200.7	11/23/2005	KC
Silica		38.7	mg/L	0.25	EPA 200.7	11/30/2005	KC
Sodium, Na		43.4	mg/L	0.10	EPA 200.7	11/23/2005	KC
Zinc, Zn		<0.005	mg/L	0.005	EPA 200.7	11/22/2005	KC
Nitrate (as N)		<0.2	mg/L	0.2	EPA 300.0	11/21/2005	WW
Ammonia Direct (as N)		0.80	mg/L	0.04	EPA 350.1	11/22/2005	WW
Alkalinity		156	mg/L CaCO3		SM 2320B	11/30/2005	BF
Chloride, Cl		4	mg/L	1	EPA 300.0	11/23/2005	WW
Fluoride, F		2.38	mg/L	0.1	EPA 300.0	11/28/2005	WW
Hardness		92.7	mg/L	5	SM 2340	11/29/2005	WW
Sulfate, SO4		36	mg/L	1	EPA 300.0	11/23/2005	WW
Total Dissolved Solids		184	mg/L	25	EPA 160.1	11/30/2005	DLR

Michael Moore 12/6/05

Thank you for choosing Analytical Laboratories for your testing needs.

If you have any questions about this report, or any future analytical needs, please contact: Michael Moore

MCL = Maximum Contamination Level
MDL = Method/Minimum Detection Limit
UR = Unregulated

Well 6A

Analytical Laboratories, Inc.

1804 N. 33rd Street
Boise, Idaho 83703
Phone (208) 342-5515

Date Report Printed: 12/9/2005 9:45:19
http://www.analyticallaboratories.com

Laboratory Analysis Report

Sample Number: 0535150

Attn: TERRY SCANLAN, P.E.,P.G.
S P F WATER ENGINEERING, LLC
600 E RIVER PARK LN STE 105
BOISE, ID 83706

Collected By: S KING
Submitted By: S KING

Source of Sample:
PROJECT: JEKER/DRY CREEK JEKER BIG A0000422

Time of Collection: 14:30
Date of Collection: 11/18/2005
Date Received: 11/19/2005
Report Date: 12/9/2005

PWS#:
PWS Name:

FIELD DATA: TEMP=16.0 DEGREES C PH=7.2 COND=232 us

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Aluminum, Al		0.18	mg/L	0.10	EPA 200.7	11/22/2005	KC
Arsenic Furnace		0.005	mg/L	0.005	EPA 200.8	11/23/2005	JH
Boron, B		<0.10	mg/L	0.10	EPA 200.7	11/30/2005	KC
Calcium, Ca		35.3	mg/L	0.10	EPA 200.7	11/23/2005	KC
Copper, Cu		<0.01	mg/L	0.01	EPA 200.7	11/22/2005	KC
Iron, Fe		0.06	mg/L	0.05	EPA 200.7	11/22/2005	KC
Magnesium, Mg		9.49	mg/L	0.10	EPA 200.7	11/23/2005	KC
Manganese, Mn		<0.05	mg/L	0.05	EPA 200.7	11/22/2005	KC
Potassium, K		1.6	mg/L	0.5	EPA 200.7	11/23/2005	KC
Silica		30.4	mg/L	0.25	EPA 200.7	11/30/2005	KC
Sodium, Na		12.5	mg/L	0.10	EPA 200.7	11/23/2005	KC
Zinc, Zn		<0.005	mg/L	0.005	EPA 200.7	11/22/2005	KC
Corrosivity Moderately aggressive.		-0.6			Langelier	12/9/2005	WW
Nitrate (as N)		1.6	mg/L	0.2	EPA 300.0	11/21/2005	WW
Ammonia Direct (as N)		<0.04	mg/L	0.04	EPA 350.1	11/22/2005	WW
Alkalinity		144	mg/L CaCO3		SM 2320B	11/30/2005	BF
Chloride, Cl		3	mg/L	1	EPA 300.0	11/23/2005	WW
Fluoride, F		0.24	mg/L	0.1	EPA 300.0	11/28/2005	WW
Hardness		128	mg/L	5	SM 2340	11/29/2005	WW
Sulfate, SO4		22	mg/L	1	EPA 300.0	11/23/2005	WW
Total Dissolved Solids		156	mg/L	25	EPA 160.1	11/30/2005	DLR

Michael J Moore 12/9/05

MCL = Maximum Contamination Level
MDL = Method/Minimum Detection Limit
UR = Unregulated

Thank you for choosing Analytical Laboratories for your testing needs.

If you have any questions about this report, or any future analytical needs, please contact: Michael Moore

Well 7

Analytical Laboratories, Inc.

1804 N. 33rd Street
Boise, Idaho 83703
Phone (208) 342-5515

Date Report Printed: 12/6/2005 10:27:0
http://www.analyticallaboratories.com

Laboratory Analysis Report

Sample Number: 0535154

Attn: TERRY SCANLAN, P.E.,
S P F WATER ENGINEERING, LLC
600 E RIVER PARK LN STE 105
BOISE, ID 83706

Collected By: S KING
Submitted By: S KING

Source of Sample:
PROJECT: JEKER A0003149 HOT

Time of Collection: 16:45
Date of Collection: 11/18/2005
Date Received: 11/19/2005
Report Date: 12/6/2005

PWS#:
PWS Name:

FIELD DATA: TEMP=42.8 DEGREES C PH=8.48 COND=388 us

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Aluminum, Al		0.32	mg/L	0.10	EPA 200.7	11/22/2005	KC
Arsenic Furnace		<0.005	mg/L	0.005	EPA 200.8	11/23/2005	JH
Boron, B		<0.10	mg/L	0.10	EPA 200.7	11/30/2005	KC
Calcium, Ca		4.12	mg/L	0.10	EPA 200.7	11/23/2005	KC
Copper, Cu		<0.01	mg/L	0.01	EPA 200.7	11/22/2005	KC
Iron, Fe		0.08	mg/L	0.05	EPA 200.7	11/22/2005	KC
Magnesium, Mg		0.15	mg/L	0.10	EPA 200.7	11/23/2005	KC
Manganese, Mn		<0.05	mg/L	0.05	EPA 200.7	11/22/2005	KC
Potassium, K		3.0	mg/L	0.5	EPA 200.7	11/23/2005	KC
Silica		31.4	mg/L	0.25	EPA 200.7	11/30/2005	KC
Sodium, Na		57.5	mg/L	0.10	EPA 200.7	11/23/2005	KC
Zinc, Zn		<0.005	mg/L	0.005	EPA 200.7	11/22/2005	KC
Nitrate (as N)		<0.2	mg/L	0.2	EPA 300.0	11/21/2005	WW
Ammonia Direct (as N)		1.37	mg/L	0.04	EPA 350.1	11/22/2005	WW
Alkalinity		94	mg/L CaCO3		SM 2320B	11/30/2005	DF
Chloride, Cl		4	mg/L	1	EPA 300.0	11/23/2005	WW
Fluoride, F MCL exceeded.		9.48	mg/L	0.1	EPA 300.0	11/28/2005	WW
Hardness		10.7	mg/L	5	SM 2340	11/29/2005	WW
Sulfate, SO4		22	mg/L	1	EPA 300.0	11/23/2005	WW
Total Dissolved Solids		118	mg/L	25	EPA 160.1	11/30/2005	DLR

Michael J Moore 12/6/05

Thank you for choosing Analytical Laboratories for your testing needs.

If you have any questions about this report or any future analytical needs, please contact Michael Moore

MCL = Maximum Contamination Level
MDL = Method/Minimum Detection Limit
UR = Unregulated

Appendix H: Selected Water Quality Data

Map ID	Station	Parameter	Units	Measurement Years													
				1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
1	04N 01E 11BBB1 Well Depth = 203 ft Open Interval = 68 ft	Fluoride	mg/L		0.50				0.40				.37					0.4
		Solids	mg/L		490				591				664					801
		Nitrate	mg/L		5.10				7.40				7.65					8.18
		pH	pH		7.75				7.60				7.6					7.5
		Water Temperature	°C		16.2				16.6				16.4					16.7
		Arsenic	ug/L		7				5				6					5.7
		Manganese	ug/L		<1				<1				<2.2					1.1
		Iron	ug/L		<3				3				<10					29
		Alpha, Gross (as Americium)	pCi/l		30.5 ± 7.4				48 ± 9.4									
		Fecal Coliform	col/100 ml		<1				<1				<1					<1
2	04N 01E 13BAAA1 Well Depth = 150 ft Open Interval = 45 ft	Fluoride	mg/L		0.30				0.30				.28					
		Solids	mg/L		164				152				156					
		Nitrate	mg/L		1.80				2.30				1.75					
		pH	pH		7.16				7.09				7.1					
		Water Temperature	°C		17				17				16.8					
		Arsenic	ug/L		7				6				9					
		Manganese	ug/L		<1				1				<2.2					
		Iron	ug/L		10				6				E6.7					
		Alpha, Gross (as Americium)	pCi/l		0.8 ± 1.1													
		Fecal Coliform	col/100 ml		<1				<1				<1					
3	04N 01E 15BADC1 Well Depth = 103 ft Open Interval = 0 ft	Fluoride	mg/L			0.60				0.5	0.54	.51	.47	0.5	0.5	0.4	0.48	0.5
		Solids	mg/L			216				211	203	197	183	191	184	176	0.24	162
		Nitrate	mg/L			1.70				1.8	2.47	2.03	1.90	1.97	1.7	1.43	1.07	0.95
		pH	pH			7.00				7.23	7.0	7.1	7.0	7.0	6.9	7	7.2	6.9
		Water Temperature	°C			13.2				13.3	13.2	13.2	13.5	13.3	13.3	13.1	13.5	13.9
		Arsenic	ug/L			2				2	2	2	1	2.1	2	2	2.04	2
		Manganese	ug/L			<1				<1	<1.0	<4.0	37	<2	<3	<2	1.1	<0.6
		Iron	ug/L			4				<3	<3.0	<10	270	<100	<10	<10	E5.9	<6
		Alpha, Gross (as Americium)	pCi/l			4.5 ± 2.3				2.4 ± 2.1								
		Fecal Coliform	col/100 ml			<1				<1	<1	<1	<1	<1	<1	<1	<1	<1
4	04N 01E 16AAA1 Well Depth = 88 ft Open Interval = 0.5 ft	Fluoride	mg/L	0.40			0.40											
		Solids	mg/L				181											
		Nitrate	mg/L	0.40			0.380											
		pH	pH	7.02			7.3											
		Water Temperature	°C	16			15.5											
		Arsenic	ug/L	2			2											
		Manganese	ug/L	<1			<1											
		Iron	ug/L	10			15											
		Alpha, Gross (as Americium)	pCi/l				2.1 ± 1.6											
		Fecal Coliform	col/100 ml				<1											
5	04N 02E 09CCD2 Well Depth = 460 ft	Fluoride	mg/L				0.30				0.35				0.2			
		Solids	mg/L				162				171				132			
		Nitrate	mg/L				0.420				0.458				0.128			
		pH	pH				7.4				7.5				7.4			
		Water Temperature	°C				22.6				22.2				21.4			
		Arsenic	ug/L				2				2				1.3			
		Manganese	ug/L				18				12.6				2430			
		Iron	ug/L				36				11				<10			
		Alpha, Gross (as Americium)	pCi/l				0.3 ± 1.2											
		Fecal Coliform	col/100 ml				<1				<1							
6	05N 01E 28CDDC1 Well Depth = 59.75 ft Open Interval = 0 ft	Fluoride	mg/L					1.1				1.2					1.01	
		Solids	mg/L					377				470					0.67	
		Nitrate	mg/L					2.00				2.66					1.25	
		pH	pH					7.1				7.0					6.9	
		Water Temperature	°C					16.4				15.2					15.9	
		Arsenic	ug/L					20				20					22	
		Manganese	ug/L					<1				<4.0					1.4	
		Iron	ug/L					<3				<10					E5.4	
		Alpha, Gross (as Americium)	pCi/l					3.6 ± 3.3										
		Fecal Coliform	col/100 ml					<1				<1					<1	

Map ID	Station	Parameter	Units	Measurement Years														
				1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
7	05N 01E 26DCD1 Well Depth = 688 ft Open Interval = 348 ft	Fluoride	mg/L				3.1				2.9				2.7			
		Solids	mg/L				211				209				206			
		Nitrate	mg/L				0.050				<0.050				<0.05			
		pH	pH				8.0				8.0				7.9			
		Water Temperature	°C				26.8				29.5				29.1			
		Arsenic	ug/L				28				27				24.5			
		Manganese	ug/L				28				29.4				30			
		Iron	ug/L				16				18				10			
		Alpha, Gross (as Americium)	pCi/l				2.3 ± 1.9											
		Fecal Coliform	col/100 ml				<1				<1				<1			
8	05N 01E 33ADB1 Well Depth = 426 ft Open Interval = 120 ft	Fluoride	mg/L					0.20				31					0.25	
		Solids	mg/L					133				130					0.19	
		Nitrate	mg/L					<0.050				<0.050					<0.06	
		pH	pH					7.6				7.4					7.5	
		Water Temperature	°C					20.6				20.7					20.9	
		Arsenic	ug/L					3				6					3.22	
		Manganese	ug/L					77				81					123	
		Iron	ug/L					150				110					109	
		Alpha, Gross (as Americium)	pCi/l					0.4 ± 1.1										
		Fecal Coliform	col/100 ml					<1				<1					<1	
9	05N 01E 34DCD1 Well Depth = 54 ft Open Interval = 33.5 ft	Fluoride	mg/L		1.0				1.1				1.1					1.1
		Solids	mg/L		587				597				570					603
		Nitrate	mg/L		8.50				11.0				7.72					11.5
		pH	pH		7.17				7.04				7.0					6.9
		Water Temperature	°C		13.8				13.7				13.8					13.8
		Arsenic	ug/L		17				14				14					13
		Manganese	ug/L		<1				<1				<2.2					<0.8
		Iron	ug/L		<3				<3				E6.7					8
		Alpha, Gross (as Americium)	pCi/l		16.3 ± 5.5				22.5 ± 6.5									
		Fecal Coliform	col/100 ml		<1				<1				<1					<1
10	05N 01E 34DCD2 Well Depth = 50 ft Open Interval = 0 ft	Fluoride	mg/L				0.50				0.50				0.5			
		Solids	mg/L				414				427				426			
		Nitrate	mg/L				0.310				0.675				0.336			
		pH	pH				7.0				6.9				6.8			
		Water Temperature	°C				14				13.5				14.6			
		Arsenic	ug/L				15				20				17.5			
		Manganese	ug/L				1000				1040				1050			
		Iron	ug/L				120				65				100			
		Alpha, Gross (as Americium)	pCi/l				2.6 ± 2.7											
		Fecal Coliform	col/100 ml				3				<1				<1			
11	05N 01E 36AAB1 Well Depth = 230 ft Open Interval = 10 ft	Fluoride	mg/L		0.40													
		Solids	mg/L		215													
		Nitrate	mg/L		1.90													
		pH	pH		7.19													
		Water Temperature	°C		16.4													
		Arsenic	ug/L		8													
		Manganese	ug/L		<1													
		Iron	ug/L		4													
		Alpha, Gross (as Americium)	pCi/l		2 ± 2													
		Fecal Coliform	#N/A															
12	05N 02E 29BCC1 Well Depth = 68 ft Open Interval = 54 ft	Fluoride	mg/L		0.20				0.30				19					
		Solids	mg/L		195				214				179					
		Nitrate	mg/L		1.80				2.80				919					
		pH	pH		7.49				7.25				7.4					
		Water Temperature	°C		15.2				14.8				14.4					
		Arsenic	ug/L		11				5				8					
		Manganese	ug/L		<1				<1				<2.2					
		Iron	ug/L		<3				<3				<10					
		Alpha, Gross (as Americium)	pCi/l		0 ± 1.5				0.1 ± 1.7									
		Fecal Coliform	col/100 ml		<1				<1									

Map ID	Station	Parameter	Units	Measurement Years														
				1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
13	05N 02E 30CDC2 Well Depth = 105 ft Open Interval = 25 ft	Fluoride	mg/L			0.29				0.2				0.2				
		Solids	mg/L			189				210				199				
		Nitrate	mg/L			2.00				2.7				2.59				
		pH	pH			7.42				7.45				7.1				
		Water Temperature	°C			15.5				15.4				15.4				
		Arsenic	ug/L			11				9				8.7				
		Manganese	ug/L			<1				<1				E1				
		Iron	ug/L			<3				<3				<10				
		Alpha, Gross (as Americium)	pCi/l			0.7 ± 1.5				-0.7 ± 1.8								
		Fecal Coliform	col/100 ml			<1				<1				K2				
14	05N 02E 31ADC1 Well Depth = 250 ft	Fluoride	mg/L					0.50										
		Solids	mg/L					274										
		Nitrate	mg/L					0.088										
		pH	pH					8.0										
		Water Temperature	°C					14.2										
		Arsenic	ug/L					3										
		Manganese	ug/L					230										
		Iron	ug/L					19										
		Alpha, Gross (as Americium)	pCi/l					0 ± 2										
		Fecal Coliform	col/100 ml					<1										
15	05N 02E 31BCC1 Well Depth = 270 ft Open Interval = 82 ft	Fluoride	mg/L				0.40				0.34					0.4		
		Solids	mg/L				209				197					199		
		Nitrate	mg/L				<0.050				0.122					<0.05		
		pH	pH				7.7				7.4					7.4		
		Water Temperature	°C				18.5				19.1					18.3		
		Arsenic	ug/L				14				14					12.2		
		Manganese	ug/L				17				<1.0					11		
		Iron	ug/L				110				<3.0					<10		
		Alpha, Gross (as Americium)	pCi/l				2.4 ± 1.9											
		Fecal Coliform	col/100 ml				<1				<1					<1		

Appendix I: Drillers' Reports for Wells with Water Quality Data

05N 01E 36ABB1

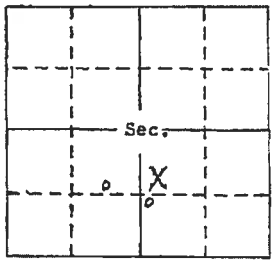
RECEIVED
MAY 15 1968
Department of Reclamation

REPORT OF WELL DRILLER
State of Idaho

State law requires that this report shall be filed with the State Reclamation Engineer within 30 days after completion or abandonment of the well.

WELL OWNER:
Name Julius Jeker
Address Route # I, Dry Creek Road
Boise, Idaho
Owner's Permit No. 3-38422
NATURE OF WORK (check): Replacement well [x]
New well [ ] Deepened [ ] Abandoned [ ]
Water is to be used for:
METHOD OF CONSTRUCTION: Rotary [ ] Cable [x]
Dug [ ] Other (explain)
CASING SCHEDULE: Threaded — Welded —
16 "Diam. from 0 ft. to 144 ft.
12" "Diam. from 134 ft. to 220 ft.
"Diam. from ft. to ft.
"Diam. from ft. to ft.
Thickness of casing: I/4 Material:
Steel [x] concrete [ ] wood [ ] other [ ] (explain)
PERFORATED? Yes [ ] No [ ] Type of perforator used:
ARMCO SCREENS 60 SLOT
Size of perforations: " by "
perforations from 144 ft. to 154 ft.
perforations from 164 ft. to 174 ft.
perforations from 184 ft. to 194 ft.
perforations from 204 ft. to 214 ft.
WAS SCREEN INSTALLED? Yes [x] No [ ]
Manufacturer's name Johnson I2" pipe size
Type Armco Iron Model No.
Diam. 12 Slot size 60 Set from ft. to ft.
Diam. Slot size Set from ft. to ft.
CONSTRUCTION: Well gravel packed? Yes [ ]
No. [x] size of gravel Gravel placed from ft. to ft. Surface seal provided? Yes [x] No [ ] To what depth? ft. Material used in seal: CLAY
Did any strata contain unusable water? Yes [ ]
No. [x] Type of water:
Depth of strata ft. Method of sealing strata off:
Surface casing used? Yes [ ] No. [x]
Cemented in place? Yes [ ] No [x]

Locate well in section



LOCATION OF WELL: County Ada
n w ¼ s e ¼ Sec. 36 T. 5 N/S R. 1 E/W

Size of drilled hole: I6" Total depth of well: 218 ft. Standing water level below ground: I5" ft. Temp. Fahr. ° Test delivery: 2500 gpm or cfs Pump? [ ] Bail [ ]
Size of pump and motor used to make test: Turbine
Length of time of test: 8 Hrs. Min.
Drawdown: I6 ft. Artesian pressure: ft. above land surface Give flow cfs or gpm. Shutoff pressure:
Controlled by: Valve [ ] Cap [ ] Plug [ ]
No control [ ] Does well leak around casing?
Yes [ ] No [x]

DEPTH FROM FEET	DEPTH TO FEET	MATERIAL 46565	WATER YES OR NO
0	4	Top soil	
4	38	Decomposed sand & top soil	
38	45	Coarse sand	
45	56	" "	
56	58	Soft blue shale clay	
58	72	Gravel sand	
72	77	Qtz sand	
77	I85	Sand & gravel	
I85	I95	Coarse sand, some clay chunks	
I95	230	Coarse granite sand	
		Lead packer at I24 ft. from ground surface	
		I2" pipe on top of first screen	

Work started: 3/7/68
Work finished: 4/21/68
Well Driller's Statement: This well was drilled under my supervision and this report is true to the best of my knowledge.
Name: Kenneth Witt
Address: Route 4, Caldwell, Idaho.
Signed by: Kenneth Witt
License No. 155 Date: 5/9/68

Use other side for additional remarks

USGS

63 copied

ESN 042 31 ACC 2

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

MARCH 1991

RECEIVED
MAY 6 1991
Department of Water Resources

Bore Diam.	Depth From	Depth To	Material	Water? Yes	Water? No
X	0	20	Top Soil		
	20	30	SAND		
	30	140	SAND & clay		
	140	165	SAND		
	165	175	Blue clay		
	175	185	SAND		
	185	243	Blue clay		
	243	270	Blue clay SAND		
		270			

5. WATER LEVEL
Static water level 12 feet below land surface
Flowing? ☐ Yes ☒ No GPM est.
Artesian closed-in pressure PSI
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature °F Quality

6. WELL TEST DATA
☒ Pump ☐ Bailer ☐ Air ☐ Other

Discharge G.P.M.	Pumping Level	Hours Pumped
70	124	2

7. TYPE OF WORK
☒ New well ☐ Deepened ☐ Replacement
☐ Recondition
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

8. PROPOSED USE
☐ Domestic ☒ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other (specify type)

9. METHOD DRILLED
☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary
☒ Cable ☐ Dug ☐ Bored

10. WELL CONSTRUCTION
Casing schedule: ☒ Steel ☐ Plastic ☐ Other
250 inches, Driven, From 0 feet to 178 feet
Perforations: ☐ Yes ☒ No
Type perforator: ☐ Factory ☐ Knife ☐ Torch ☐ Other
Size of perforations: inches by inches
Perforated from feet to feet
Screens: ☐ Yes ☒ No
Manufacturer's name
Type Model No.
Diameter Slot size Set from feet to feet
Diameter Slot size Set from feet to feet
Gravel packed: ☐ Yes ☒ No Size of gravel
Packed from feet to feet
Surface seal depth 18 Material used in seal: ☐ Cement grout
☒ Bentonite ☒ Puddling clay ☐
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing
☒ Overburn to seal depth
Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld
☐ Cemented between strata
Perforated casing not

11. LOCATION OF WELL
Drill map if available; if not, describe with written location.
Subdivision Name
Lot No. Block No.
County Ada
¼ NE ¼ NW ¼ Sec. 31 T. 5 ☐ N ☐ S R. 2 ☐ E ☒ W ☐

12. DRILLING
Work started 3-6-91 Completed 3-15-91

13. DRILLER CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Firm Name Dennis Phipps Firm No. 332
Address Meridian Id Date 3-18-91
Signed by (Firm Official)
and
(Driller)

USE ADDITIONAL SHEETS IF NECESSARY ⇒ FORWARD THE WHITE COPY TO THE DEPARTMENT

041 01E 13 BAA1

USE TYPEWRITER OR BALL POINT PEN

State of Idaho
Department of Water Administration

WELL DRILLER'S REPORT

State law requires that this report be filed with the State Reclamation Engineer within 20 days after completion or abandonment of the well.

Rec'd 6-21-74

1. WELL OWNER
Name: Ada County Landfill
Address:
Owner's Permit No.

2. NATURE OF WORK
☑ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)

3. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test
☑ Municipal ☐ Industrial ☐ Stock

4. METHOD DRILLED
☑ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION
Diameter of hole 8 inches. Total depth 150 feet
Casing schedule: ☑ Steel ☐ Concrete

Thickness	Diameter	From	To
8 inches	5 inches	feet	feet
5/32 inches	inches	feet	feet
.17.16 inches	inches	71 feet	145 feet
inches	inches	feet	feet
inches	inches	feet	feet

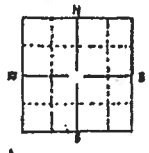
Was a packer or seal used? ☐ Yes ☑ No
Perforated? ☑ Yes ☐ No
How perforated? ☑ Factory ☐ Knife ☐ Torch
Size of perforation 1/2 inches by 3" inches

Number	From	To
perforations	85 feet	105 feet
6040 perforations	125 feet	145 feet
perforations	feet	feet

Well screen installed? ☐ Yes ☑ No
Manufacturer's name
Type Model No.
Diameter Slot size Set from feet to feet
Diameter Slot size Set from feet to feet

Gravel packed? ☑ Yes ☐ No Size of gravel 1/8"
Placed from 70 feet to 150 feet
Surface seal? ☑ Yes ☐ No To what depth 20 feet
Material used in seal ☑ Cement grout ☐ Puddling clay

6. LOCATION OF WELL
Sketch map location must agree with written location.



County Ada
NE ¼ NW¼ Sec. 13 T. 4 N. R. 1 E.W.
(by Paul Castilio)

7. WATER LEVEL
Static water level 44 feet below land surface
Flowing? ☐ Yes ☑ No G.P.M. flow
Temperature ° F. Quality
Artesian closed in pressure p.s.i.
Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA
☐ Pump ☑ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped
40		

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
	0	12	Topsoil, Handpeat		
	12	29	Gravel		
	29	66	Red Sandy Clay +39		
	66	70	Yellow Clay		
	70	72	Dark Clay		
	72	88	Blue Clay		
	88	103	Coarse Sand		
	103	132	White Clay		
	132	138	Coarse Sand		
	138	150	Blue Sandy Clay		

6.5 gpm
10 gpm

10. Work started May 7 Finished May 7

11. DRILLER'S CERTIFICATION
This well was drilled under my supervision and this report is true to the best of my knowledge.

Driller's or Firm's Name [illegible] Number
Address
Signed By Date

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE DEPARTMENT

6

5 29 5

04N 01E 11 ABB1

Well Log Form 1
11-3/62

WELL LOG AND REPORT TO THE STATE RECLAMATION ENGINEER OF IDAHO

SUBMIT WITHIN 30 DAYS AFTER COMPLETION OF WELL: SEE IDAHO STATUTES 42-238

Permit No. _____ Well No. _____ County Ada

Owner Bill Humphrey sold to Kenny Moore

Address Route 1, Boise, Idaho

Driller Orval Harden

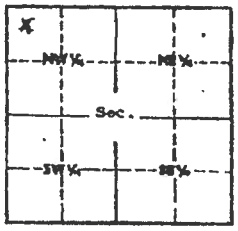
Address Route 1, Boise

Well location NW ¼ NW ¼ Sec. 11, T. 4 N., R. 1 E. B.M.

Size of drilled hole 6"

Total depth of well 203'.

Locate well in section



Give depth to standing water from the ground 107' Water temp. _____ °Fahr.

Test delivery was 18 g.p.m. or _____ c.f.s. Drawdown was 13 feet. Pump? X Bail? _____

Size of pump and motor used to make test Rods and working barrell

Length of time of test 8 hours _____ minutes.

If flowing well, give flow _____ c.f.s. or _____ g.p.m. and of shut off pressure _____

If flowing well, described control works _____ (TYPE AND SIZE OF VALVE, ETC.)

Water will be used for domestic Weight of casing per lineal foot 11#

Thickness of casing .185" Casing material steel (STEEL, CONCRETE, WOOD, ETC.)

Diameter, length and location of casing 6 5/8" OD from zero to 135'4"
(CASING 16" IN DIAMETER OR LESS, GIVE INSIDE DIAMETER; CASING OVER 16" IN DIAMETER, GIVE OUTSIDE DIAMETER)

CASING RECORD

Diam. Casing	From Feet	To Feet	Length	Remarks—seals, grouting, etc.
6 5/8"	0	135	135	Perforated and gravel packed.
				Perforations from 5' above shoe to
				15' above shoe. Six cuts per round;
				two rounds per lineal foot.

perfed from 120-130 (approx.)

Number and size of perforations _____ Inserted _____ feet to _____ Feet from ground _____

Date of commencement of well Oct. 29, 1962 Date of completion of well Dec. 11, 1962

NW NW S. 11 T. 4 N. R. 1 E.

BB

WELL LOG

From Feet	To Feet	Type of Material	Water-bearing Formation Also Type of Water	Quantity Performance Also Type of Water
0	15	Top soil and subsoil and hardpan		
15	74	Sand and sandy clay		
74	117	Cemented gravel		
117	119	Dry yellow clay		
119	133	Yellow clay with water seams	yes	120 gpm 130 gpm (approximately)
133	203	Blue clay		
		If more space is required use Sheet No. 2		

WELL DRILLER'S STATEMENT

This well was drilled under my supervision and the above information is complete, true and correct to the best of my knowledge and belief.

Signed Orval Harden

By Orval Harden

License No. 1

Dated _____ 19__

Well Driller's Helper _____

Form 238-7
9/82

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR BALLPOINT PEN

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER
Name: Gene Mackel
Address:
Owner's Permit No.:

2. NATURE OF WORK
X New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE
X Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other (specify type)

4. METHOD DRILLED
☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary
X Cable ☐ Dug ☐ Other

5. WELL CONSTRUCTION
Casing schedule: X Steel ☐ Concrete ☐ Other

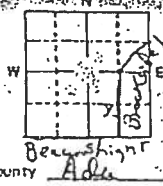
Thickness	Diameter	From	To
.250 inches	8 inches	1 feet	50 feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet

Was casing drive shoe used? X Yes ☐ No
Was a packer or seal used? ☐ Yes X No
Perforated? X Yes ☐ No
How perforated? ☐ Factory ☐ Knife X Torch
Size of perforation: 3 inches by 4 inches

Number		From	To
50	perforations	45 feet	50 feet
	perforations	feet	feet
	perforations	feet	feet

Well screen installed? ☐ Yes X No
Manufacturer's name:
Type: Model No.:
Diameter: Slot size: Set from: feet to feet
Diameter: Slot size: Set from: feet to feet
Gravel packed? ☐ Yes X No Size of gravel:
Placed from feet to feet
Surface seal depth: 18 Material used in seal: ☐ Cement grout ☐ Bentonite X Puddling clay ☐
Sealing procedure used: ☐ Slurry pit ☐ Temporary surface casing ☐ Overbore to seal depth
Method of joining casing: ☐ Threaded X Welded ☐ Solvent Weld ☐ Cemented between strata
Describe access port:

6. LOCATION OF WELL
Sketch map location must agree with written location.



Subdivision Name:
Lot No. Block No.
County Ada
SW ¼ SE ¼ Sec. 39 T. 5 N. R. 1 E.

7. WATER LEVEL
Static water level 15 feet below land surface
Flowing? ☐ Yes X No G.P.M. flow:
Artesian closed-in pressure: P.S.I.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature: °F Quality:
Describe artesian temperature zones below.

8. WELL TEST DATA
☐ Pump ☐ Bailer X Air ☐ Other

Discharge G.P.M.	Pumping Level	Hours Pumped
50		1/2

9. LITHOLOGIC LOG

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
8	0	5	Top Soil		X
	5	40	Sand & Gravel	X	
	40	50	Shale	X	

RECEIVED
APR 30 1985
Department of Water Resources
Western Regional Office

RECEIVED
APR 30 1985
Department of Water Resources

10. Work started 10 Apr 84 finished 15 Apr 84

11. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Firm Name: Firm No.:
Address: Date:
Signed by: (Firm Official) and (Operator)

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

05N 01E 34 DCD2

WELL LOG AND REPORT TO THE STATE RECLAMATION ENGINEER OF IDAHO

Department of Reclamation

Log No. _____
Rec. _____, 19__
Well No. _____
Permit No. _____
DO NOT FILL IN

5N-1E-34dd

Owner Glen Stillwell Address Boise Route
Driller Norman W. Stone Address Boise Route 1 Lic. No. 445
Location of Well NE ¼ SE ¼ Sec. 34 T. 5N N/S, R. 1 E/W Boise County,
and _____ feet N/S, and _____ feet E/W from _____ Corner of _____ ¼ _____ ¼ Sec. _____
Size of Drilled Hole _____ Total depth of Well _____
Elev. depth of standing water from surface 9' Water Temp. _____ *Farenheit
On pumping test delivery was 1 g.p.m. or _____ c.f.s. Drawdown was 20 feet.
Size of pump and motor used to make the test _____
Length of time pumped during check was 4 hr., _____ minutes.
If flowing well, give flow in c.f.s. _____ or g.p.m. _____ and shut in pressure _____
If flowing well, describe control works _____ (TYPE AND SIZE OF VALVE, ETC.)
Water will be used for Domestic Weight of casing per linear foot 10-89
Thickness of casing _____ Casing material Black Steel (S.S., PIPE, CONCRETE, WOOD)
Diameter, length and location of casing 21' 6" (CASING 18" IN DIAMETER AND UNDER GIVE INSIDE DIAMETER; CASING OVER 18" IN DIAMETER GIVE OUTSIDE DIAMETER.)
Number and size of perforations ½ X 1" located 8 feet to 20 feet
Static surface of ground 9-20
Other perforations _____
Date of commencement of well 11-12-56 Date of completion of well 11-14-56
Type of well rig Portable

CASING RECORD

DIAM. CASING	FROM FEET	TO FEET	LENGTH	"REMARKS" — SEALS, SHOULTERS, ETC.

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

1 OF 2

5N-1E-34dd

WELL LOG

From Feet	To Feet	Type of Material	Drilling Time Hrs.	Drilling Time Min.	Water-bearing Formation Ans. Yes or No	Casing Perforated Ans. Yes or No
0	8	top Soil		Augered		
8	21	Gravel			yes	
21	58	Blue Clay	6	Augered		
		If more space is required use Sheet No. 2				

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and this above information is true and correct to the best of my knowledge and belief.

Signed Norman W. Stone
By _____
License No. 445

Dated 11-14-56, 19

2 OF 2

Form 238-7
1/78

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR BALLPOINT PEN

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

05N 02E 30 CBC2

1. WELL OWNER
Name BELIEAU
Address DRY CREEK
Owner's Permit No. —

2. NATURE OF WORK
☑ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)

3. PROPOSED USE
☑ Domestic ☑ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other (specify type)

4. METHOD DRILLED
☑ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other

5. WELL CONSTRUCTION
Casing schedule: ☑ Steel ☐ Concrete ☐ Other

Thickness	Diameter	From	To
.250 inches	8 inches	1 feet	80 feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet

Was casing drive shoe used? ☑ Yes ☐ No
Was a packer or seal used? ☐ Yes ☑ No
Perforated? ☐ Yes ☑ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation inches by inches

Number	From	To
perforations	feet	feet
perforations	feet	feet
perforations	feet	feet

Well screen installed? ☐ Yes ☑ No
Manufacturer's name
Type Model No.
Diameter Slot size Set from feet to feet
Diameter Slot size Set from feet to feet
Gravel packed? ☐ Yes ☑ No ☐ Size of gravel
Placed from feet to feet
Surface seal depth 40 Material used in seal: ☐ Cement grout ☑ Puddling clay ☑ Well cuttings
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☑ Overbore to seal depth
Method of joining casing: ☐ Threaded ☑ Welded ☐ Solvent Weld ☐ Cemented between strata
Describe access port

6. LOCATION OF WELL 63
Sketch map location must agree with written location.



Subdivision Name
Lot No. — Block No. —
County ADA
NE ¼ SW ¼ Sec. 31, T. 5 ☑ S, R. 2 ☑ E W.

7. WATER LEVEL
Static water level 32 feet below land surface.
Flowing? ☐ Yes ☑ No G.P.M. flow
Artesian closed-in pressure p.s.i.
Controlled by: ☐ Valve ☑ Cap ☐ Plug
Temperature °F. Quality EXCELLENT

8. WELL TEST DATA
☐ Pump ☐ Bailer ☑ Air ☐ Other

Discharge G.P.M.	Pumping Level	Hours Pumped
250	-	2

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
8	0	62	BROWN CLAY		✓
	62	74	SAND	✓	
	74	78	BROWN CLAY		✓
	78	105	BLUE SHALE		✓
	105		AQUIFER (GRAVEL)	✓	

80

Received
JAN 24 1979
Department of Water Resources
Western Regional Office

10. Work started 1-10-79 finished 1-15-79

11. DRILLERS CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Firm Name H2O WELL DRILLING Firm No. 303
Address 11917 HIGHLANDER Date 6-9-79
Signed by (Firm Official) Bruce G. Connelly
and
(Operator) Bruce G. Connelly

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

-05N 02E ~~3~~ 30CDC2

-Ada

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR BALLPOINT PEN

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER
Name: BELCREAU
Address: DRY CREEK
Owner's Permit No.:

2. NATURE OF WORK
☑ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)

3. PROPOSED USE
☐ Domestic ☑ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other (specify type)

4. METHOD DRILLED
☑ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other

5. WELL CONSTRUCTION
Casing schedule: ☑ Steel ☐ Concrete ☐ Other

Thickness	Diameter	From	To
.250 inches	8 inches	+ 1 feet	80 feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet

Was casing drive shoe used? ☑ Yes ☐ No
Was a packer or seal used? ☐ Yes ☑ No
Perforated? ☐ Yes ☑ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforations inches by inches
Number From To
perforations feet feet
perforations feet feet
perforations feet feet
Well screen installed? ☐ Yes ☑ No
Manufacturer's name
Type Model No.
Diameter Slot size Set from feet to feet
Diameter Slot size Set from feet to feet
Gravel packed? ☐ Yes ☑ No ☐ Size of gravel
Placed from feet to feet
Surface seal depth 40 Material used in seal: ☐ Cement grout ☑ Puddling clay ☑ Well cuttings
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☑ Overbore to seal depth
Method of joining casing: ☐ Threaded ☑ Welded ☐ Solvent Weld ☐ Cemented between strata
Describe access port

6. LOCATION OF WELL 63-

Sketch map location must agree with written location.

N
W E
S

Subdivision Name
Lot No. – Block No. –
County ADA
NE ¼ SW ¼ Sec. 31 T. 5 ☑ S. R. 2 ☑ E.W.

7. WATER LEVEL
Static water level 37 feet below land surface.
Flowing? ☐ Yes ☑ No G.P.M. flow
Artesian closed-in pressure p.s.i.
Controlled by: ☐ Valve ☑ Cap ☐ Plug
Temperature °F. Quality: EXCELLENT

8. WELL TEST DATA
☐ Pump ☐ Bailer ☑ Air ☐ Other

Discharge G.P.M.	Pumping Level	Hours Pumped
250	–	2

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
8	0	62	BROWN CLAY		✓
	62	74	SAND	✓	
	74	78	BROWN CLAY		✓
	78	105	BLUE SHALE		✓
	105		AQUIFER (GRAVEL)	✓	

Department of Water Resources Western Regional Office

10. Work started 11-12-79 finished 11-15-79

11. DRILLERS CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time this rig was removed.
Firm Name H2O Well Drilling Firm No. 303
Address 1917 Highlander Date 12-9-79
Signed by (Firm Official) Bruce G. Connelly
and
(Operator) Bruce G. Connelly

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

5N-2E-30 c d

WELL LOG

From Feet	To Feet	Type of Material	Water-bearing (Yes or No)	Caved (Yes or No)
0'	10'	Top soil & fine Gravel	No	no
10'	20'	Fine Gravel & Fine Sand stringers of clay	yes	no
20'	30'	Sandy clay streaks of Sand & Gravel	yes	no
30'	40'	Fine Sand & Gravel	yes	no
40'	50'	Alternate Sand & Clay mostly clay	yes	no
50'	60'	clay sand fine	yes	no
60'	65'	Gray Sand fine	yes	no
65'	68'	Light Gray clay	No	no
68'	70'	Coarse water Bearing Sand	yes	
		If more space is required use Sheet No. 2		

WELL DRILLER'S STATEMENT

This well was drilled under my supervision and the above information is complete, true and correct to the best of my knowledge and belief.

Signed Liberty Drilling Company

By

License No. 33

Dated 12-2-, 1966

Well Driller's Helper

2 of 2

V

JUL 8 1966

Department of Reclamation

WELL LOG AND REPORT TO THE
STATE RECLAMATION ENGINEER OF IDAHO

SUBMIT WITHIN 30 DAYS AFTER COMPLETION OF WELL. SEE IDAHO STATUTES 42-238

Permit No. ____ Well No. ____ County ____

Owner Kathryn R. Gregg

Address Route 1, (Dry Creek), Boise, Idaho

Driller

Address

Well location SE ¼ SW ¼ Sec. 30 T. 5 N/S R. 2 E/W

Size of drilled hole

Total depth of well 71'

Location well in section

NW¼	NE¼
SW¼	SE¼

30 Sec.

Give depth to standing water from the ground 23 Water temp. ____ Flow

Test delivery was 300 g.p.m. or ____ s.f.a. Drawdown was 2.5 feet. Pumped ____ Bailed X

Size of pump and motor used to make test

Length of time of test 1 hours 45 minutes.

If flowing well, give flow ____ s.f.a. or ____ g.p.m. and of shut off pressure

If flowing well, describe control works (TYPE AND SIZE OF VALVE, ETC.)

Water will be used for Irrigation Weight of casing per lineal foot 18.75

Thickness of casing .237 Casing material Steel (STEEL, CONCRETE, WOOD, ETC.)

Diameter, length and location of casing 4" 70' 5' Long Screw 30 ft. 67 below (CASING 10" IN DIAMETER OR LESS, GIVE INSIDE DIAMETER. CASING OVER 10" IN DIAMETER, GIVE OUTSIDE DIAMETER)

CASING RECORD

Diam. Casing	From Feet	To Feet	Length	Remarks—cement, gravelling, etc.

Number and size of perforations ____ Inserted ____ feet to ____ feet from ground

Date of commencement of well Nov 2-66 Date of completion of well Nov 7-66

1 of 2

5N-2E-30 c d

old well

Form B-1

Log of Well

[illegible] r field copies of drillers logs.

State Idaho County Ada Number SW-4 E. [illegible]
Location [illegible] ¼ [illegible] ¼ sec. 30, T. [illegible] R. [illegible]

Driller [illegible] Address [illegible]
Source of data Records Date 7-60

Record by O.J.

Driller's description		Thickness	Depth
Top soil & fine gravel		10	0-10
fine gravel - fine sand - & clay (Hard)		10	10-20
clay streaks - sand & mica	c	10	20-30
fine sand	s	10	30-40
alternate sand & clay	s	10	40-50
fine sand	s	10	50-60
gray fine sand	(Hard	5	60-65
heavy clay		3	65-68
Granite clay	(Hard)	2	68-70

Page 1 of 1 pages.

OSN 02E 29 BCC1

17

WELL LOG AND REPORT OF THE STATE RECLAMATION ENGINEER OF IDAHO

Permit No. _____ Well No. _____ County Ada

Owner Harris Bros

Address Rt. 1 Eagle

Driller Cecil Bromfield

Address 147 N. Main Meridian

Well location NW ¼ SW ¼ Sec. 29 T. 5 N. R. 2 E.

Size of drilled hole 6"

Total depth of well 68

Locate well in section

NW ¼	NE ¼
SW ¼	SE ¼

Give depth to standing water below the ground 32 Water temp. _____ °Fahr.

Did "Pumping Test" delivery was 5 g.p.m. or _____ c.f.s. Drawdown was 14 feet.

Size of pump and motor used to make test Hi. Rel. pump

Length of time of test 3 hours _____ minutes.

If flowing well, give flow _____ c.f.s. or _____ g.p.m. and of shut off pressure _____

If flowing well, described control works _____ (TYPE AND SIZE OF VALVE, ETC.)

Water will be used for _____ Weight of casing per lineal foot _____

Thickness of casing ¼ Casing material Steel (STEEL, CONCRETE, WOOD, ETC.)

Diameter, length and location of casing 6" x 14 ft (CASING 12" OR SMALLER OR LESS, GIVE INSIDE DIAMETER. CASING OVER 12" IN DIAMETER, GIVE OUTSIDE DIAMETER)

CASING RECORD

Diam. Casing	From Feet	To Feet	Length	Remarks—seals, grouting, etc.
6	0	14	14	

Number and size of perforations _____ Located _____ feet to _____ feet from ground

_____ _____ _____

_____ _____ _____

Date of commencement of well July 10 Date of completion of well July 15

1 of 2

5N-2E-29 cb

BCC1

5N-2E-29 ~~cb~~ bcc1

WELL LOG

From Feet	To Feet	Type of Material	Thickness of Each Stratum Any Two or More	Depth of Each Stratum Any Two or More
0	11	Soil		
11	68	Lava Rock	Wet	
		If more space is required use Sheet No. 2		

WELL DRILLER'S STATEMENT

This well was drilled under my supervision and the above information is complete, true and correct to the best of my knowledge and belief.

Signed Cecil Bromfield

By _____

Dated July 17 1943

License No. 207

2 of 2

Form B-1

~~Log~~ of Well

(For field copies of drillers logs)

5N 1E 26 DC 01

State Idaho County Ada Number 5N-1E-26dcd1

Location SW ¼ NE ¼ sec. 26, T. 5N R. 1E

Driller Russell Power Address Boise Id.

Source of data R. Cords Date 7/64

Record by O.J.

Driller's description	Thick-ness	Depth
Brown clay	35	0-35
Blue shale	205	35-240
Sand & some pea gravel	5	240-245
Blue shale	395	245-640
pea gravel & coarse sand	148	640-688

633 Steel

Page / of / pages

WELL LOG AND REPORT TO THE
STATE RECLAMATION ENGINEER OF IDAHO

SUBMIT WITHIN 30 DAYS AFTER COMPLETION OF WELL. SEE IDAHO STATUTES 42-238

Permit No. Grant Well No. County Ada

Owner B. & F. Stadler

Address Route 1 Boise, Idaho

Driller Russell Power

Address Boise Idaho

Well location DCD 1 ¼ ¼ Sec. 26 T. 5N N/S R. 1E E/W

Size of drilled hole 12" to 340' 10" 340' to 685'

Total depth of well 688'

Give depth to standing water from the ground Flowing Water rose to 12.5 feet

Test delivery was 900 g.p.m. or ✓ c.f.s. Drawdown was — feet. Pump? — Bailer ✓

Size of pump and motor used to make test None.

Length of time of test hours minutes.

If flowing well, give flow c.f.s. or 900 g.p.m. and shut off pressure 5 lbs

If flowing well, describe control works 6" Gate Valve (TYPE AND SIZE OF VALVE, ETC.)

Water will be used for Domestic irrigation Weight of casing per lineal foot

Thickness of casing Inwall Casing material Steel (STEEL, CONCRETE, WOOD, ETC.)

Diameter, length and location of casing 12" casing 0 to 340' 8" casing 340 to 685'
(CASING 12" IN DIAMETER OR LESS, GIVE INSIDE DIAMETER; CASING OVER 12" IN DIAMETER, GIVE OUTSIDE DIAMETER)

CASING RECORD

Diam. Casing	From Feet	To Feet	Length	Above ground. Remarks—seals, grouting, etc.
12"	0'	340'	343'	casing set in hard blue shale
8"	321'	688'	367'	8" Steel rate 12" at 321' Sealed to ground level

Number and size of perforations 3/4" 96 perforations per foot to feet from ground

637' to 685'

Date of commencement of well June 1, 1964 Date of completion of well Sept. 12, 1964

1 of 2

5N-1E-26dcd1

Owner BEN STADLER No. 5N-1E-26 dcd1

County ADA 2.0 ft above / ~~below~~ LSD

Meas. Pt. #1 TOP OF 12" CSG - MEAS AT TEE (FLOWS)

Date	Hour	Tape reading Held	Tape reading Cut	D/W below M.P.	D/W below LSD	By	Remarks

WELL LOG

From Feet	To Feet	Type of Material	Encountered Any Water?	Quality Good?
0'	35'	Loess Clay	No	No
35'	240'	Blue Shale	No	No
240'	245'	Sand & Some pea gravel	Yes	No
245'	648'	Blue Shale	No	No
648'	688'	pea gravel & coarse sand	Yes	Yes
		If more space is required use Sheet No. 2		

WELL DRILLER'S STATEMENT

This well was drilled under my supervision and the above information is complete, true and correct to the best of my knowledge and belief.

Signed Russell Cowe

By

Dated August 25, 1964

License No. 65

Well Driller's Helper Wayne E Stevens

2 OF 2

5N-1E-2 dcd1

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

Department of Water Resources

1. WELL OWNER
Name Mrs. Gene VoCue
Address Rt. #1 Boise
Owner's Permit No.

2. NATURE OF WORK
☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)

3. PROPOSED USE
☒ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type)
☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

4. METHOD DRILLED
☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION
Diameter of hole 6 inches Total depth 59'9" feet
Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
.250 inches	6 inches	21 feet	59'9" feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet

Was casing drive shoe used? ☐ Yes ☒ No
Was a packer or seal used? ☐ Yes ☐ No
Perforated? ☒ Yes ☐ No
How perforated? ☒ Factory ☐ Knife ☐ Torch
Size of perforation 1/8 inches by 3 inches

Number	From	To
536 perforations	19 feet	44 feet
perforations	feet	feet
perforations	feet	feet

Well screen installed? ☐ Yes ☒ No
Manufacturer's name
Type Model No.
Diameter Slot size Set from feet to feet
Diameter Slot size Set from feet to feet
Gravel packed? ☒ Yes ☐ No Size of gravel 3/8
Placed from 19 feet to 59 feet
Surface seal depth 19 Material used in seal ☐ Cement grout ☐ Puddling clay ☒ Well cuttings
Sealing procedure used ☐ Slurry pit ☒ Temporary surface casing ☒ Overbore to seal depth

6. LOCATION OF WELL
Sketch map location must agree with written location.

N
W E
S

Subdivision Name
Lot No. Block No.
County Ada
SE SW Sec. 26 T. 5 N or S R. 1 E or W

7. WATER LEVEL
Static water level 0 feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow
Temperature ° F. Quality
Artesian closed in pressure p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA
☐ Pump ☒ Bailer ☐ Other

Discharge G.P.M.	Drew Down	Hours Pumped
10		

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
6	0.	13	fine brown sand		
	13.	17.	muddy brown sand	X	
	17.	20.	dark brown clay		X
	20.	43	fine to coarse quartz sand, muddy	X	
	43.	56	light brown sandy clay	X	
	56.	61	blue clay		X

10.
Work started 9/2/15 finished 9/16/15

11. DRILLER'S CERTIFICATION
Firm Name W. B. Stevens Drilling
Address 3709 Hayburn Drive Date 9/16/15
Signed by (Firm official) [signature]
Date received

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE COPY TO THE DEPARTMENT

Appendix J: Significant Documents

WELL DATA

Owner Julius Jeker Well Name No. 6

Address Route 1, Boise, Idaho Use Irrigation

State Idaho County Ada Basin

Map Scale Photos

NE ¼ NE ¼ Section 36 Twp. 5N Range 1E Boise P&M

Description

Driller B. Lukehart Date Summer 1960 Total Depth 180 ft.

Construction 16-in. O.D. casing 0-72 ft.; 16-in. open hole 72-140 ft.; 12-in. I.D. liner 140-162 ft. and 177-180 ft. with 15 ft. of 12-in. Johnson irrigator screen (0.100" slot) from 162-177 ft.

Equipment

Water Levels: Static 25 ft. Pumping 101 ft. Yield 1350 gpm

Remarks Well rehabilitated in early 1963 by adding 14-in. casing with sleeve fitting on top of 12-in. liner and cleaning hole to bottom; well still filling with sand in 1967 and this well will be abandoned and replaced with No. 6-A about 1/4 mile to the west.

WELL LOG

Description	Depths		
Topsoil, silt and sand	0	to	68
Sand and gravel	68		72
Clay or shale	72		160
Sand and gravel	160		180

ANDERSON & KELLY

CONSULTANTS IN ENGINEERING AND GEOLO

October 23, 1964

Mr. Carl Tappan
State Reclamation Engineer
State House
Boise, Idaho

Re: Jeker-Stadler Wells

Dear Carl:

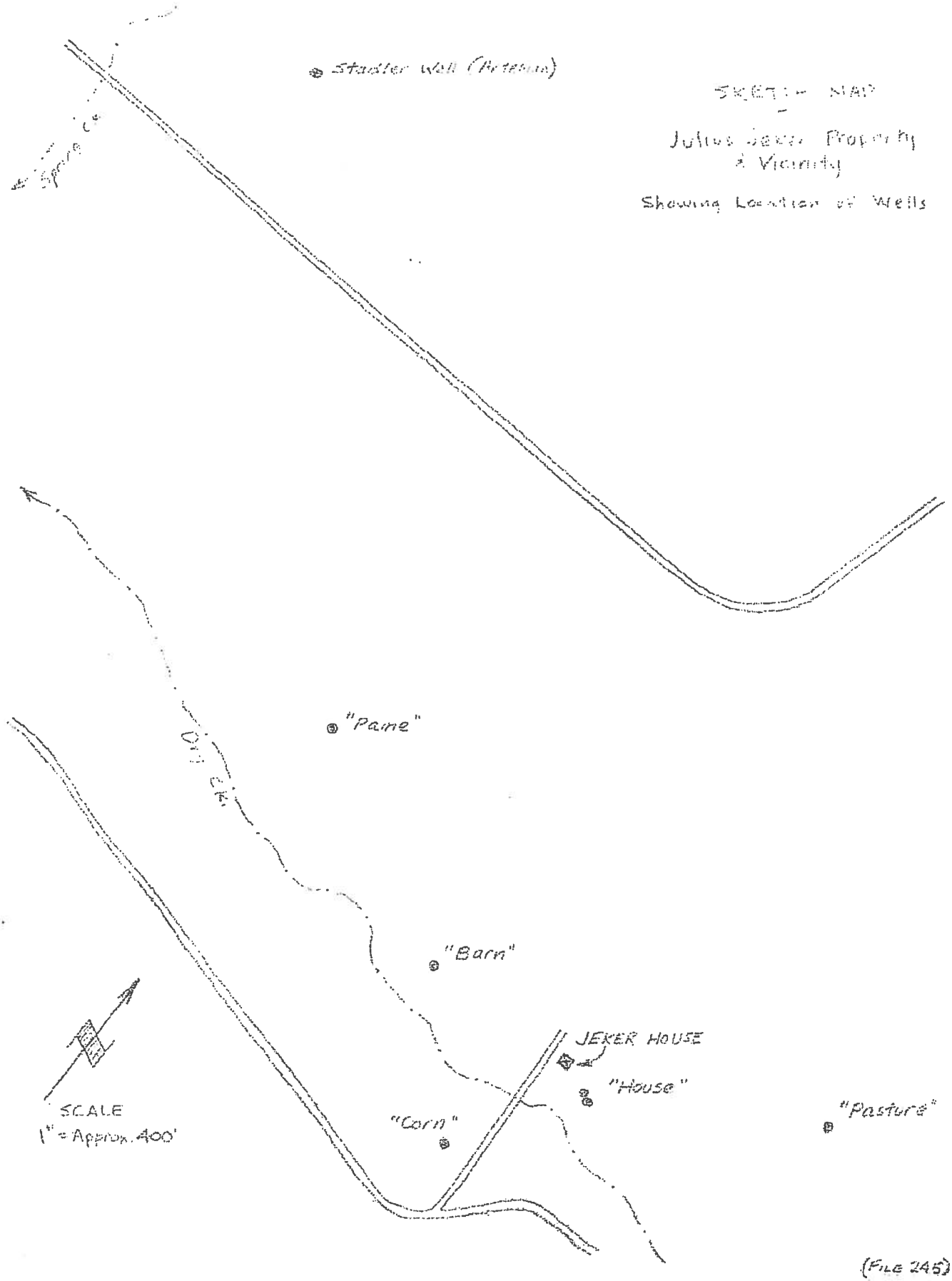
At the request of your Mr. Hamilton I am enclosing a sketch map showing location of the Julius Jeker wells on Dry Creek, near Boise, together with the location of the Stadler artesian well.

Also enclosed are elevations (assumed datum) run to each of the wells.

Sincerely,

KEITH E. ANDERSON

KEA/cr
Enclosures



SKETCH MAP

Julius Jeker Property
& Vicinity

Showing Location of Wells

(FILE 245)

October 1, 1964

Mr. R. H. Copple
Davison & Copple
Idaho First National Bank Building
Boise, Idaho

Dear Bob:

Following the request that Julius made by letter to the State Engineer, a representative from that office—Mr. Robert Hamilton—inspected the Jeker and Stadler properties on Monday, September 28.

I have had an opportunity to discuss this with both Julius and with Carl Tappan, the State Engineer, following Mr. Hamilton's visit. Tappan says that he will furnish me with a copy of Hamilton's report to him together with any other notes that Hamilton may have made at the time he was in the field. Briefly, Hamilton's feeling was that the different wells that Julius owns were interferring with each other—to which I replied that we already knew this! Hamilton apparently did not get too much information concerning Stadler's well and I assume that Stadler was somewhat uncooperative. He did observe that the well was flowing at a much greater rate than we had anticipated and in fact was irrigating approximately 30 sprinkler heads by gravity from the flow of the new well. 37

Tappan did not feel that they were in a position at this point to make further tests or investigations such as observing the behavior at Stadler's well when Julius shut down his for the winter. Frankly, I think that the accuracy of these tests would be somewhat in doubt unless they could be made later this winter at a time when other outside influences such as the starting and stopping of Stadlers well would not be present. Tappan suggested that Julius file a formal complaint with his office, asking that a Groundwater Board be established to hear the matter. Another possibility, of course, would be to make the complaint concerning groundwater interference in District Court and during the hearing before the judge request that the State Engineer be directed by the Court to make this investigation. At such time, Tappan indicated that his office could then go ahead and actually perform the investigation in somewhat detail.

I feel that the evidence we have thus far indicates that a connection does exist between the two wells although without making the detailed tests it is not possible at this time to state how badly Julius may be hurt by Stadler's operations. I would imagine that a Groundwater Board hearing through the administrative procedure channel would be somewhat less expensive and possibly equally satisfactory —although one item in favor of going through District Court is that it would not be subject to possible later appeal to the District

Court and also it could be combined with the matter of the destruction of the diversion works in the Spring Creek Channel.

With respect to this latter item, I understand that Hamilton--at the time of his field inspection--discussed the possibility of "treble damages" with Julius. Hamilton seemed to feel that there wasn't much question but what the diversion works should be replaced. Tappan also informed me that when Hamilton talked to Stadler, Stadler informed him that he was not going to replace the diversion work. Frankly, Tappan was somewhat at a loss to understand Stadler's position in making such a comment to his representative since it would appear rather clear cut that it would have to be replaced after being destroyed by him.

As soon as I receive the reports of Hamilton's visit from the State Office I will see that a copy is made and forwarded to you and to Julius. It would seem definite that some steps will have to be taken to force Stadler to replace the diversion work in the stream channel. The best procedure to follow with regard to the interference question is something that possibly you and Julius should decide upon, since any potential disposal of the property might affect the decision reached on this point.

Sincerely,

KEITH E. ANDERSON

KEA/cr
cc: Julius Jeker

P.S. Enclosed are the reports just received from Mr. Tappan.

April 2, 1965

Mr. Julius Jeker
Route 1
Dry Creek Road
Boise, Idaho

Dear Julius:

To summarize the investigations that we were making in connection with your wells and the well at the Stadler property, the information and measurements that we were able to obtain would make it appear that there is very little interference. As I stated to you earlier, I would imagine that your flow would be reduced by no more than 5 percent due to the operation of the Stadler well and because of the mutual interference between your own wells it would probably be difficult to establish any substantial damage. In all honesty I do not feel that this interference problem is one that would be worth pressing through some kind of a court action.

I hope that your surface diversion work in Spring Creek is being repaired satisfactorily. This, of course, is a matter of considerable importance to you and is certainly one that should not be ignored or overlooked.

As I advised you earlier, we have set up the time for taking proofs on your water rights in Bob Copple's office for 10:00 a.m. on Tuesday morning June 1. I will be in touch with you before that time to remind you and to be sure that we have all of the necessary information for the proofs.

With best personal regards I am,

Sincerely,

KEITH E. ANDERSON

KEA/cr
cc: Mr. R. H. Copple

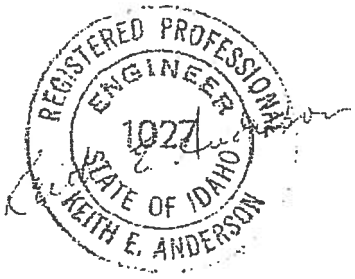
CABLE ADDRESS: KEAWATER

TELEPHONE 342-6629
AREA CODE 208

KEITH E. ANDERSON
ENGINEER · GEOLOGIST
415 IDAHO BLDG. - P. O. BOX 1411
BOISE, IDAHO

IRRIGATION WATER APPRAISAL

Prepared for
Julius Joker
Route 1
Boise, Idaho



October 1968

increased the annual operating cost for pumping power. It is estimated that this has amounted to nearly $45 for the 1961-62 combined seasons. With the well in its present condition, this added power cost should average at least $200 per year. In a well that is pumping even small amounts of sand, it is preferable to install an oil-lubricated turbine pump (as originally requested by the owner) rather than a water-lubricated pump as supplied by the contractor. Attempting to re-use a water-lubricated pump in a well in this condition will result in future rapid wear and depreciation.

Proper rehabilitation of the present well would involve removing the existing screen and liner, cleaning the well out to its total depth, and properly reinstalling the correct screen and liner followed by the necessary screen development. Before the screen and liner could be removed, it would be necessary to bail or clean the sand from the inside of the existing screen and liner. Examination by a second contractor has indicated that this will be extremely difficult. Normally rehabilitation work of this sort would be undertaken by a contractor only on an hourly cost basis--and it is believed that the total cost of such rehabilitation may easily equal or exceed that of drilling a new and properly constructed well.

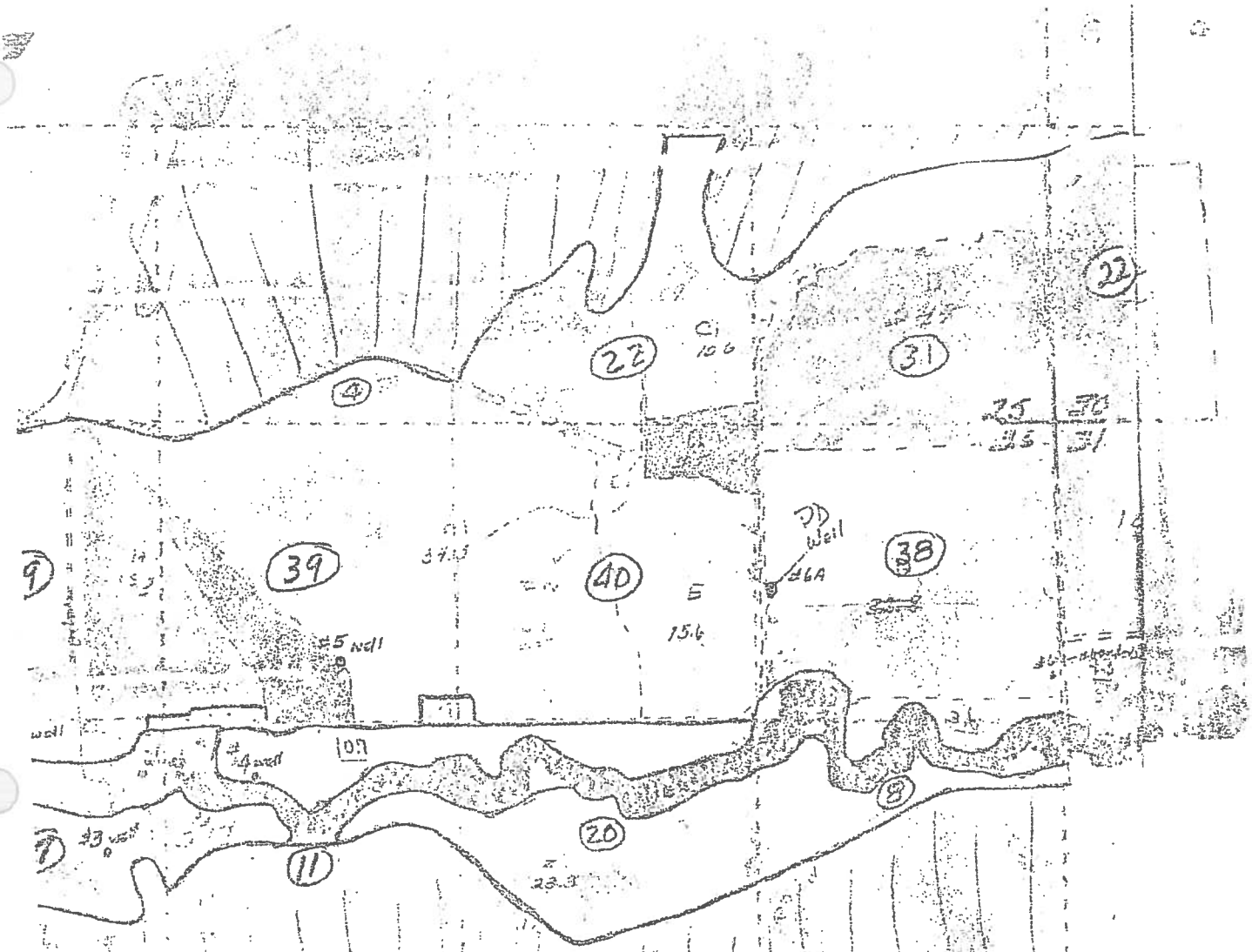
The original contractor should be requested to furnish a log of the well, as required by law, to the State Reclamation Engineer with a copy to the owner.

DESCRIPTION OF WELL

Construction

The Julius Joker irrigation well was drilled in the summer of 1960 and is situated near the southeast corner of the NE¼ NW¼, Sec. 26, T. 5N, R. 1 E. BM, Ada County. The well site is approximately 1½ miles east of the Horseshoe Bend Road (State Highway 17) in the valley of Dry Creek. Drilling contractor on the well was Mr. Bill W. Lukehart, Boise, Idaho.

The well was originally drilled to a depth of 180 feet. Steel casing, 16 inches in diameter, was installed to a depth of 72 feet through soil, silty to sandy materials, and some sand and gravel in the lower 3 to 4 feet. From 72 to 160 feet the well was drilled through blue shale or clay, and from 160 to 180 feet through coarse sand and some gravel. Upon completion of drilling, a 15-foot length of Johnson well screen, 12 inches in diameter, was installed in the bottom of the well. Two to three feet of 12-inch blank steel pipe was attached to the lower end of the screen and approximately 22 feet of 12-inch blank steel pipe to the upper end of the screen. The top of the 12-inch pipe attached to the top of the well screen would, therefore, be situated at a depth of approximately 140 feet. The water level in the well reportedly stood about 20 feet below land surface; the static water level on October 27, 1962 was 25.26 feet below the top of the 16-inch casing, or about 23 feet below land surface. No log or record of the well or of its construction, as required by state law, was on file in the office of the State Reclamation Engineer when an examination was made on October 26, 1962.


22
4
22
31
39
40
38
9
#5 Well
#4 well
107
20
11
8
Well
46A
15.6

Appendix D:

Geothermal Development Potential Report

GEOTHERMAL DEVELOPMENT POTENTIAL FOR DRY CREEK RANCH

Prepared for

Land Baron Investments
8080 W. Sahara
Las Vegas, NV 89117

Prepared by

SPF Water Engineering, LLC
600 East River Park Lane
Boise, ID 83706

February 24, 2006

SPF Water Engineering, LLC
water resource consultants

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1. INTRODUCTION

Low-temperature geothermal groundwater resources are known to be present beneath the Dry Creek Ranch property. The potential exists to develop this resource for space heating and other purposes as part of the Dry Creek Ranch project. Existing data are insufficient to estimate the size and sustainability of the geothermal resource beneath the site.

1.1. Background

Significant development of geothermal resources in Ada County began more than 100 years ago with drilling of geothermal wells in east Boise in 1891. These original wells reportedly produced an artesian flow of 555 gpm of 170°F water. The water was put to use for heating, domestic, and bathing purposes in what is now known as the Boise Warm Springs Water District. The Boise Warm Springs Water District currently provides low-cost heating for more than 250 homes in the Warm Springs Avenue area of east Boise.

Other developments of geothermal water followed in the 20th century. In northwest Boise, near the mouth of Stewart Gulch along Hill Road, hot wells producing water of approximately 115°F were developed in the 1920's. These wells would eventually supply large greenhouse complexes. Later, following the energy-crisis of the 1970s, three large geothermal heating systems were constructed in downtown Boise. These systems include (1) the Capitol Mall heating system, supplying heat to the State-government buildings in the downtown area, (2) the Veterans Administration system supplying heat to the VA Medical Center complex, and (3) the City of Boise system supplying heat to downtown buildings. The three downtown systems supply water ranging in temperature from approximately 150°F to 175°F.

The VA and Capitol Mall systems have always reinjected their water back into the aquifer following use. The City of Boise began reinjecting fluids in 1999, in response to aquifer water level declines that had limited their ability to expand production.

Geothermal aquifers in the Dry Creek area have been developed to a minor extent by local wells for irrigation and space heating purposes. Total use of geothermal water in the Dry Creek Valley is very small in comparison to use in the east Boise, downtown, and Stewart Gulch areas.

2. INVESTIGATION OF GEOTHERMAL RESOURCES

2.1. Hydrogeology

The Dry Creek Ranch property is located in the vicinity of the Boise Front Fault system. The Boise Front Fault system is a zone of northwest-trending normal faults that defines the northern margin of the Western Snake River Plain. Specific faults have not been mapped within the project area, but it is likely that some fault structures are present crossing the property or on adjacent lands. Othberg and Stanford (1990) show a zone of inferred frontal faults crossing Highway 55 near the north end of Shadow Valley Golf Course, while Mink and Graham (1977) show northeast, northwest, and west trending linear features which are inferred faults crossing the property. Two of these features intersect at the west end of the Dry Creek Ranch property, near the intersection of Highway 55 and Dry Creek Road. The frontal faults provide fracture conduits for flow of geothermal water from deep aquifers into shallower aquifers. Mink and Graham suggested the Dry Creek Road corridor within the Dry Creek Ranch property as a potential area for future geothermal development.

Geothermal aquifers currently tapped by wells in the vicinity of the Dry Creek Ranch Planned Community are found in a thick sequence of mudstone, clay, and shale with an occasional thin streak of sand or sandstone. These Idaho Group lake-bed deposits were formerly classified as Glenns Ferry formation. More recent investigators (Othberg and Stanford, 1990) assign these deposits to the mudstone facies of the Terteling Springs formation.

It is significant to note that mudstone deposits of the Terteling Springs formation overlay productive geothermal aquifers in the downtown Boise area. Downtown Boise geothermal injection and production wells (Capitol Mall Wells 1 and 2, and City of Boise Injection Well) penetrated through more than 1,000 feet of Terteling Springs mudstone to underlying deposits of permeable rhyolite, basalt, sandstone, and conglomerate. These downtown wells, completed to depths ranging from 2200 to 3,300 feet, produced geothermal fluids ranging in temperature from 152°F to 170°F, with maximum artesian flow rates exceeding 1,000 gpm. It is possible that permeable rock units, containing productive geothermal aquifers, are also present beneath the mudstone facies of the Terteling Springs formation in Dry Creek Ranch vicinity.

2.2. Existing Geothermal Wells in the Dry Creek Ranch Area

Existing wells penetrate low-temperature (i.e., >85°F) geothermal aquifers at depths of 500 to 1,540 feet in the Shadow Valley and lower Dry Creek areas. These wells tap confined aquifers, and often flow at the ground surface under artesian pressure.

Geothermal wells are also reported to be present in Woods Gulch, approximately 1.5 miles northwest of Dry Creek Ranch.

The IDWR Geothermal Internet Map Server (http://maps.idwr.idaho.gov/geothermal/viewer.htm) was used to identify 21 geothermal wells near the Dry Creek Ranch (see **Error! Reference source not found.**). This map server links to the geothermal database for Idaho, which contains wells with water temperatures of 68°F or higher. The 21 wells in the vicinity of the Dry Creek Ranch property have discharge temperatures ranging from 68°F to 142°F, and depths ranging from 175 to 1540 feet (see Table 1).

Specific geothermal wells of interest are described below.

2.2.1. Jeker Hot Well

The discharge temperatures from this well have historically been measured from between 104°F (40°C) and 107°F (42°C). A temperature of 109°F (42.8°C) was measured by SPF in November 2005.

According to the Geothermal Database, the depth of this well is 997 feet. The original driller's report could not be found for this well, so it is not known when this well was drilled. The historical use of this well is uncertain, but it was likely used for irrigation.

A driller's report was filed for repair work performed on this well between late August and early September 1989. The repair work consisted of removing the existing 3-inch casing placed to a depth of 48 feet, and replacing it with a 6-inch casing drilled to a depth of 100 feet. The 6-inch casing was drilled through 44 feet of sand and clays and 56 feet of blue clay. Flow was regained at a depth of 100 feet. This report states that the proposed use of the well is domestic and irrigation. At the time of this work, the well was flowing at 60 gpm. Following the repair work, the well was tested for one hour at a pumping level of 10 feet, with a discharge of 150 gpm.

2.2.2. Stadler Artesian Well

The Stadler Artesian Well is located just north of the Dry Creek Ranch property, south and east of Shadow Valley Golf Course. The well was drilled to a total depth of 688 feet in 1964, and was tested at 900 gpm. The water temperature is shown on the well drillers report is 85.5°F, and is listed in the geothermal database as 84°F.

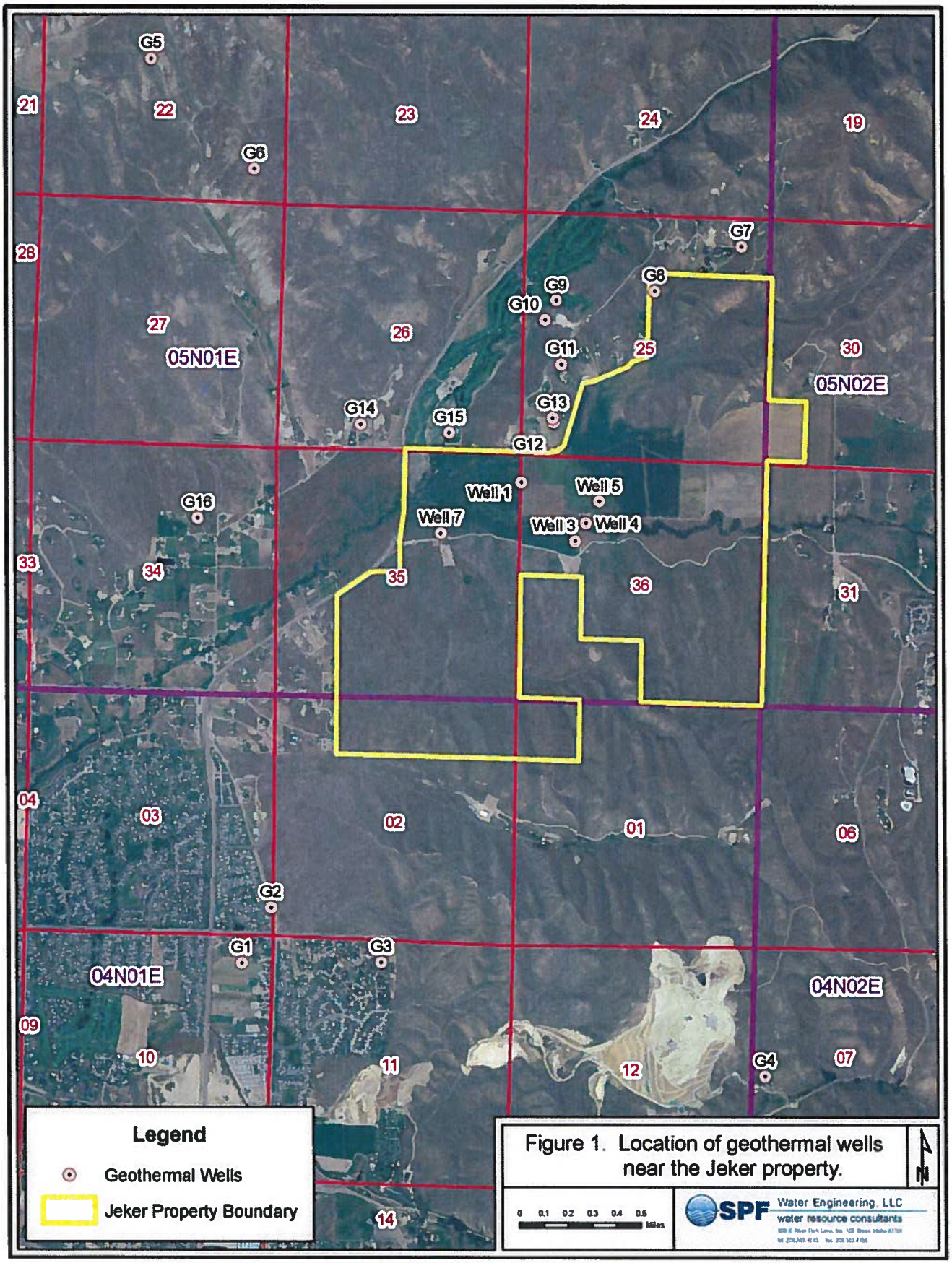


Figure 1. Location of geothermal wells near the Jeker property.

Well ID	TRS	Name in Geothermal Database	Primary Water Use	Primary Thermal Use	Well Depth (feet)	Discharge Temp (°F)	Discharge (gpm)	Construction Date
G1	04N 01E 10NENE	GROUND WATER				79		
G2	04N 01E 10NENENE	HARDEN WELL	IRRIGATION		340	142		10/1/1950
G3	04N 01E 11NENENW	GROUND WATER			305	68		7/23/1986
G4	04N 02E 07NENWNWSW	ADA COUNTY LANDFILL WELL	DOMESTIC		550	70		1/15/1987
G5	05N 01E 22SESENW	GROUND WATER			400	98		7/5/1996
G6	05N 01E 22SESE	CULLEN CONNOLLY WELL			400	98		
G7	05N 01E 25NENE	BEN STADLER WELL #2	DOMESTIC		175	73		11/9/1972
G8	05N 01E 25NWSWNE	JOHN BOEHM WELL	DOMESTIC		197	68		
G9	05N 01E 25SWNW	SHADOW VALLEY GOLF COURSE WELL #2	IRRIGATION		255	80		6/19/1991
G10	05N 01E 25SWSWNW	SHADOW VALLEY GOLF COURSE WELL #1	IRRIGATION		303	82	450	11/28/1972
G11	05N 01E 25SWNWSW	DON SWANSON WELL	DOMESTIC		312	70	40	
G12	05N 01E 25SWSW	RON AND JUDY HUTT WELL	DOMESTIC	SPACE HEATING - RESIDENTIAL	460	79	100	6/5/1987
G13	05N 01E 25NWSWSW	JOHN FERGUSON WELL	DOMESTIC		500	77	70	12/5/1972
G14	05N 01E 26SWSESW	D. MCARTHUR WELL	DOMESTIC		620	73		3/30/1970
G15	05N 01E 26SESWSE	BEN STADLER WELL #1	DOMESTIC	HEAT HOUSE AND POOL	688	84	900	8/12/1964
G16	05N 01E 34SWNE	WALLACE CONNALLY WELL	HEATING	SPACE HEATING - RESIDENTIAL	1540	140		11/10/1989
Well 1	05N 01E 35NENE	JULIUS JEKER WELL #1 (PAINE WELL)	IRRIGATION			80		
Well 7	05N 01E 35NESWNE	JULIUS JEKER WELL #2 (HOT WELL)			997	107	22	
Well 3	05N 01E 36SWNW	JULIUS JEKER WELL #4 (WEST OF LANE WELL)				80		
Well 4	05N 01E 36SENW	JULIUS JEKER WELL #5 (HOUSE WELL)				80		
Well 5	05N 01E 36NWSENW	JULIUS JEKER WELL #3 (PASTURE WELL)	IRRIGATION		397	75	20	

Table 1. Geothermal Wells Located On or Near the Dry Creek Ranch Property

2.2.3. Wallace Connelly Well

The Wallace Connelly Well is located on Brookside Lane, approximately ¾-mile west of the Dry Creek Ranch property. The well was drilled to a total depth of 1,540 feet, and has a reported temperature of 142°F. Yield is unknown. The well is apparently used for heating of one home under a licensed water right authorizing diversion of 9 gpm for heating use. A well driller's report for deepening of the well in 1989 notes 6-inch casing to 1,200 feet depth, and a 4.5-inch borehole from 1,400 to 1,540 feet depth. Materials encountered below 1,400 feet are described as "gray sand or shale - a few hard streaks like sandstone". This description suggests the possibility that the well penetrated through the mudstone into a deeper rock unit.

2.3. Current Use of Geothermal Wells in the Dry Creek Ranch Area

A few wells near the Dry Creek Ranch property are currently being used for, or have historically been used for, heating homes. Wells G12 and G16 (Wallace Connelly Well) are listed in the Geothermal Database as being used for space heating of residential areas. Well G12 has a discharge temperature of 79°F, a depth of 460 feet, and a discharge of 100 gpm. Well G15 (Stadler Artesian Well) has been reported by Mink and Graham (1977) as being used for heating a house and pool.

2.4. Potential Uses of Geothermal Fluids

Based on the 109°F discharge temperature, the existing Jeker Hot well could potentially be used for space heating of residential homes or commercial structures, swimming pool heating, greenhouses, and other purposes. However, the sustainable flow rate available from the well is anticipated to be inadequate to support a large development. Shallower wells in the Dry Creek Ranch area, producing fluids of less than 100°F, could be utilized for space heating with water-to-air heat pumps.

If larger volumes of geothermal water with temperatures of more than 125°F could be obtained, there is potential for development of a heating district within the Dry Creek Ranch Planned Community.

2.5. Regulatory Issues Associated with Geothermal Development

The Dry Creek Ranch property is located outside the Boise Front Low Temperature Geothermal Resources Ground Water Management Moratorium Area, established in June 1988. As a result, new water right permits could be issued for geothermal groundwater development at the property.

The property is located within Idaho Department of Water Resources Administrative Basin No. 63. IDWR is not currently processing applications for new water right

permits proposing consumptive uses of groundwater. This "moratorium" also applies to geothermal groundwater development if the use is consumptive. Therefore, all spent geothermal fluids produced will need to be reinjected back into the aquifer after the heat value is extracted.

It is also likely that there will be opposition to new geothermal development from geothermal users in the Boise area, unless all fluids are reinjected. These users have fought over the resource for many years, and are extremely sensitive to any new use that they perceive as potentially impacting their water levels or artesian flows.

In addition to concerns related to aquifer water levels, environmental concerns will likely prevent discharge of geothermal fluids to Dry Creek due to the high temperature and fluoride concentrations.

As a result, development of a significant geothermal system will require the construction of one or more wells for reinjection of spent fluids. A smaller geothermal system, heating a few homes or a spa facility, might be allowed to discharge to the proposed municipal wastewater system.

3. Conceptual Configuration of a Geothermal Heating District

New geothermal wells for the purpose of heating homes on the Dry Creek Ranch property would have to be at least 1,000 feet deep and probably more than 2,000 feet deep. For conceptual design purposes, the following components are assumed for a heating district.

1. A minimum of two production wells, with anticipated depths of 2,500 feet. The pumps would likely be equipped with vertical turbine pumps.

2. A minimum of one injection well, also with anticipated depth of 2,500 feet. The injection well would be equipped with a horizontal injection pump.

3. A geothermal delivery system, consisting of insulated fiberglass or heat-resistant plastic pipe. Individual taps with flow-limiting devices would supply user-owned heat-exchange systems or radiators.

4. A geothermal return system, consisting of fiberglass or heat-resistant plastic pipe. The return system would parallel the delivery system, and carry spent geothermal fluids to the injection well. There would be opportunities for use of the return flows by water-to-air heat pumps prior to injection.

Cost to develop a geothermal heating district will depend on the capacity of the geothermal resource, and the resultant size of the heating district. Assuming a one-

square mile district delivering water through delivery and return pipe networks totaling 5 miles each, the total cost might be in the range of $7 million. This cost estimate assumes the following components.

- A total of four production and injection wells, with an average cost for each well and pumping facility of $750,000 each.
- Approximately 50,000 feet of geothermal delivery and return piping at $60 per foot installed cost.
- Approximately $1 million for engineering, administration, and contingency.

4. SUMMARY

4.1. Conclusions

1. A geothermal groundwater resource could be developed at the Dry Creek Ranch. The resource is found in aquifer zones located at depths of more than 500 feet. Aquifer temperatures increase with depth. The extent of the geothermal resource is unknown.
2. Existing wells tap aquifer zones within mudstone deposits of the Terteling Springs Formation. Water temperature in the 997-foot Jeker Hot well is 107°F to 109°F. Water temperature in the 1,540-foot Wallace Connelly Well, located west of the Dry Creek Ranch property, is 142°F. These wells are not believed to be highly productive.
3. More productive aquifers with hotter temperatures might be present in volcanic or sedimentary rock units beneath the mudstone deposits of the Terteling Springs Formation, at depths of 1,500 to 2,500 feet.
4. The existing geothermal well on the property (Jeker Hot Well) is adequate for swimming pool use or limited space heating purposes. The well is probably not adequate to support a geothermal heating district. Test pumping of the well is recommended to determine yield under sustained pumping conditions.

4.2. Recommendations

1. Consider drilling a geothermal exploration well on the property to assess the potential for geothermal resource development. The well should target a total depth of 2,500 feet. Estimated cost for a 2,500-foot geothermal exploration well, constructed with 8-inch casing set to a depth of 1,500 feet, is approximately $400,000. The probable location for a well would be along Dry

Creek Road. The well would target aquifers with temperatures ranging from 125°F to 175°F. Surface geophysical methods could be considered to help identify optimum drill site locations.

2. If successful, the geothermal test well should be test pumped to estimate peak yield and sustainable yield.

3. Based on estimates of aquifer yield and temperature, a plan for geothermal development can be prepared.

5. REFERENCES

Mink, L.L., and D.L. Graham. 1977. Geothermal potential of the west Boise area. Prepared by Boise State University for the Energy Research and Development Administration, Division of Geothermal Energy and Idaho Operations Office. 33 p.

Othberg, K.L., and L.R. Stanford. 1990. Geologic Map of the Eagle Quadrangle, Ada County, Idaho. Idaho Geological Survey, University of Idaho. Technical Report 90-5.

Appendix E:

"Will Serve" Letter from United Water Idaho

JOHN LEE
Construction Coordinator

8248 West Victory Road, Boise, ID 83709
P.O. Box 190420, Boise, ID 83719-0420
Tel: 208.362.7329 • Fax: 208.362.3858
john.lee@unitedwater.com

United Water

January 6, 2006

Mr. Mike Chernine
LBN Dry Creek, LLC
8080A W. Sahara
Las Vegas, NV 89117

Subject: Dry Creek Ranch Development

Dear Mr. Chernine:

The purpose of this letter is to advise you that the Dry Creek Ranch Development is serviceable by United Water Idaho in accordance with its rules and regulations for system extensions as approved by the Idaho Public Utilities Commission. In order to provide service to the Dry Creek Ranch Development, additional water facilities will be required, and costs and agreements to provide these additional facilities will have to be negotiated between the developer and United Water Idaho. Approval from the Idaho Public Utilities Commission for any required Special Facilities Agreements and an extension of United Water Idaho's Certificated Area will be necessary in order for United Water Idaho to serve this project under its present tariffs, rules, and regulations.

I trust that this letter will aid you in the speedy process of this project.

Sincerely,

John Lee

John Lee
Construction Coordinator

cc: Cathy Cooper, SPF Water Engineering, LLC

Appendix F:

Water Balance

SPF Water Engineering, LLC
water resource consultants

MEMORANDUM

DATE: July 18, 2006

TO: Distribution

FROM: Kristin Brastrup

RE: Dry Creek Ranch Water Balance

JOB NO.: 434.0020

Irrigation water in the lower elevations of the Dry Creek Ranch Planned Community will be provided through a non-potable pressurized irrigation (PI) system. A separate potable water system ("municipal system") will supply water for domestic use to the entire community and will provide irrigation to the upper elevations of Dry Creek Ranch. Water for the municipal system will be provided from on-site well(s) during the summer months and from United Water Idaho (UWID) during the winter months. Water for the pressurized irrigation system will come from reclaimed wastewater as well as a combination of ground and surface water from existing on-site water rights. The pressurized irrigation system will not be connected to the municipal system. Table 1 lists anticipated water demands.

There are five water rights appurtenant to Dry Creek Ranch property that list irrigation as a use and represent a total maximum diversion rate of 7.84 cubic feet per second (cfs) or approximately 3,519 gallons per minute (gpm) for irrigation of 392 acres. The annual diversion volume for 392 acres (at 4.5 acre-feet per acre) is 1,764 acre-feet. An application for a new water right is being prepared to allow a portion of this water to be used by the municipal water system. The volume and diversion rate under the new water right would allow diversion of up to 7.84 cfs or 1,764 acre-feet in combination with the existing water rights. That is, the total withdrawal volume and diversion rate would not increase over the currently authorized limits.

All of the supply for the pressurized irrigation system will come from existing water rights and instantaneous reclaimed wastewater flows. An equalization storage pond will be provided for reclaimed wastewater and ground and surface water withdrawals during off-peak hours. The pond will have a volume of approximately 20 acre-feet, which is approximately equivalent to 7 days of reclaimed wastewater production. Approximately 40 to 50 percent of the annual wastewater generated each year will be discharged to infiltration basins on Dry Creek Ranch property.

Figures 1 and 2 illustrate the amount of pressurized irrigation demand that can be met using reclaimed wastewater. As shown on these graphs, daily wastewater production

is sufficient to meet all pressurized irrigation system demand in March and October. From April through September, the pressurized irrigation system will be supplemented with ground and surface water from existing water rights to meet demand.

The fresh water demand rates for the pressurized irrigation system and municipal system are shown in Figure 3. Figure 3 also shows the maximum diversion rate under the existing water rights. As shown on this graph, the flow rate allowed under the existing water rights is sufficient to meet the estimated peak day fresh water demands for Dry Creek Ranch (note that a maximum diversion volume must also be met). Peak hour demands will be served from reservoir storage.

The fresh water demand volumes for the pressurized irrigation system and municipal system are shown in Figure 4. Figure 4 also shows the maximum diversion volume under the existing water rights. Because the pressurized irrigation system will not be connected to UWID, all pressurized irrigation system demand must be fulfilled using on-site sources under existing water rights. However, the maximum diversion volume under the existing water rights is insufficient to meet the estimated total fresh water demand (municipal and pressurized irrigation) for Dry Creek Ranch through the irrigation season (April through September). Therefore, it is recommended that Dry Creek Ranch import water from UWID to meet all municipal fresh water demand from September through May.

During the peak demand months of June, July, and August, the existing water rights appear to allow sufficient diversion rate and volume to meet all on-site fresh water demand. Measures will need to be implemented to ensure the maximum diversion rate and volume are not exceeded. During these months, the Dry Creek Ranch water system is expected to be self-sufficient and may be able to export a small amount of surplus volume and flow to off-site UWID facilities and connections (subject to meeting the maximum diversion rate and volume). The surplus volume could also be reserved for emergency use during off-peak months. The surplus volume is estimated at 356 acre-ft per year (116 million gallons). Figures 5 and 6 show the anticipated distribution of on- and off-site supplies to serve Dry Creek Ranch during each month of the year. Table 2 lists anticipated water sources.

The use of infiltration basins to dispose of reclaimed wastewater in the winter months will allow some recharge of the aquifer at Dry Creek Ranch. In addition, irrigation water that is not consumed by plants and does not evaporate will infiltrate the aquifer. Table 3 shows the estimated recharge to the aquifer through infiltration and the projected water consumption for Dry Creek Ranch. Actual water consumption at Dry Creek Ranch is anticipated to be approximately 2.6 ac-ft/ac. This is nearly equivalent to the estimated historical consumption by crops on Dry Creek Ranch of 1040 ac-ft/yr (2.7 ac-ft/ac) (see accompanying memo).

Table 1: Annual Water Use		
Potable System		
Domestic Use	1936 af	631 MG
Irrigation Use	612 af	199 MG
Pressurized Irrigation	1164 af	379 MG
Total	3711 af	1209 MG

Note: Numbers may not add due to rounding

Table 2: Anticipated Water Sources		
Potable System		
On-Site Municipal Well	848 af	276 MG
Imported from UWID	1700 af	554 MG
Pressurized Irrigation System		
Irrigation Wells and Dry Creek	561 af	183 MG
Reclaimed Wastewater	603 af	197 MG
Total	3711 af	1209 MG

Note: Numbers may not add due to rounding

Table 3: Annual Water Consumption	
Maximum water rights withdrawal volume (392 ac x 4.5 ac-ft/ac)	+1764 ac-ft
Recharge from winter reclaimed wastewater infiltration[1]	-495 ac-ft
Infiltration from pressurized irrigation (14%)[2]	-163 ac-ft
Infiltration from municipal irrigation (14%)[3]	-86 ac-ft
Total consumed volume	1020 ac-ft
Total consumption per acre (392 acres)	2.6 ac-ft/ac
Estimated historic consumptive irrigation use	1,040 ac-ft
Estimated historic consumption per acre	2.7 ac-ft/ac

[1] Calculated on monthly basis as wastewater supply minus wastewater used for irrigation and totaled for year
[2] Based on 334 acres x 3.5 af/ac x 14% infiltration loss
[3] Based on 175.6 acres x 3.5 af/ac x 14% infiltration loss

Figure 1: Irrigation Demand Rate vs. Supply Rate

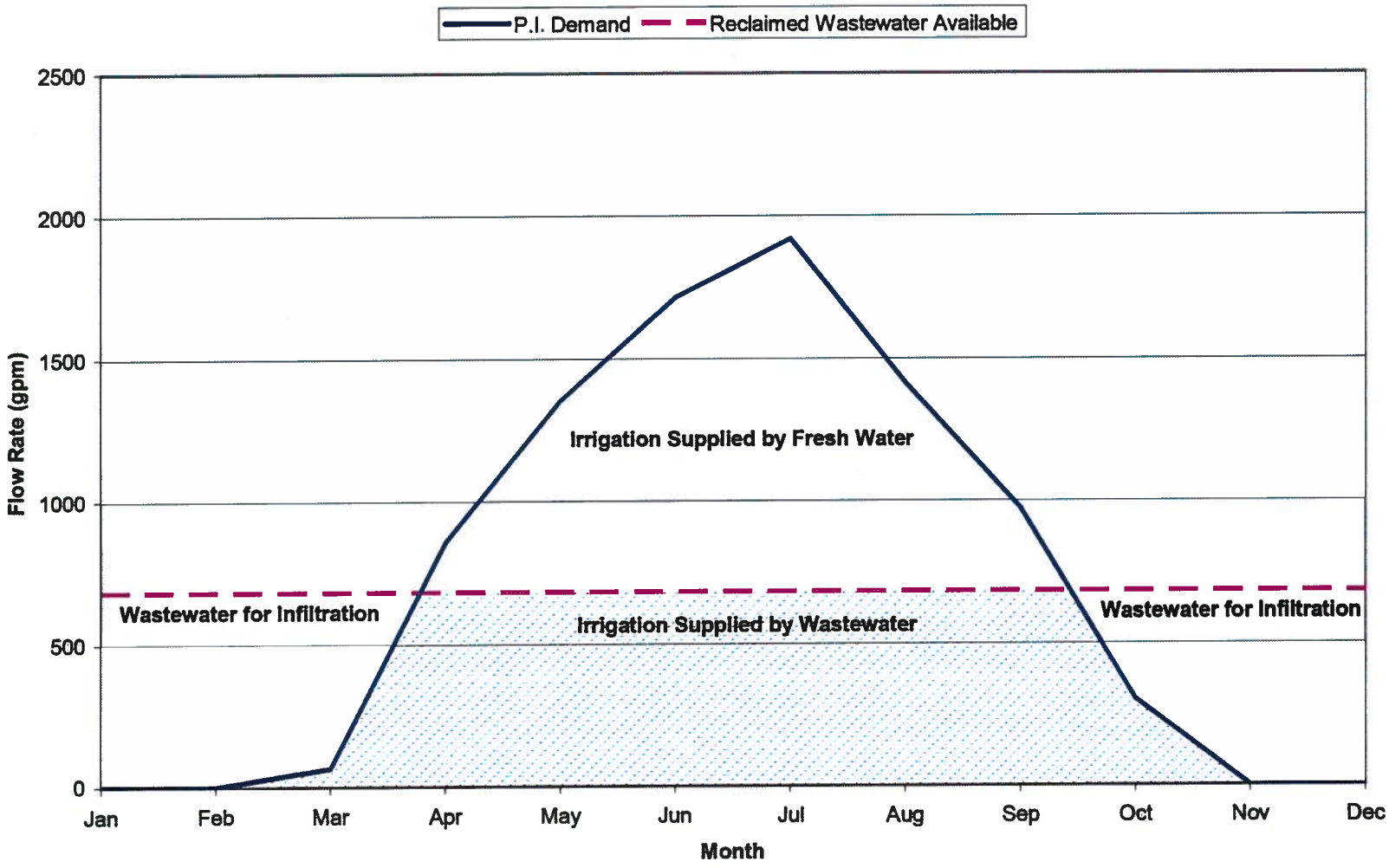


Figure 2: Irrigation Demand Volume vs Supply Volume

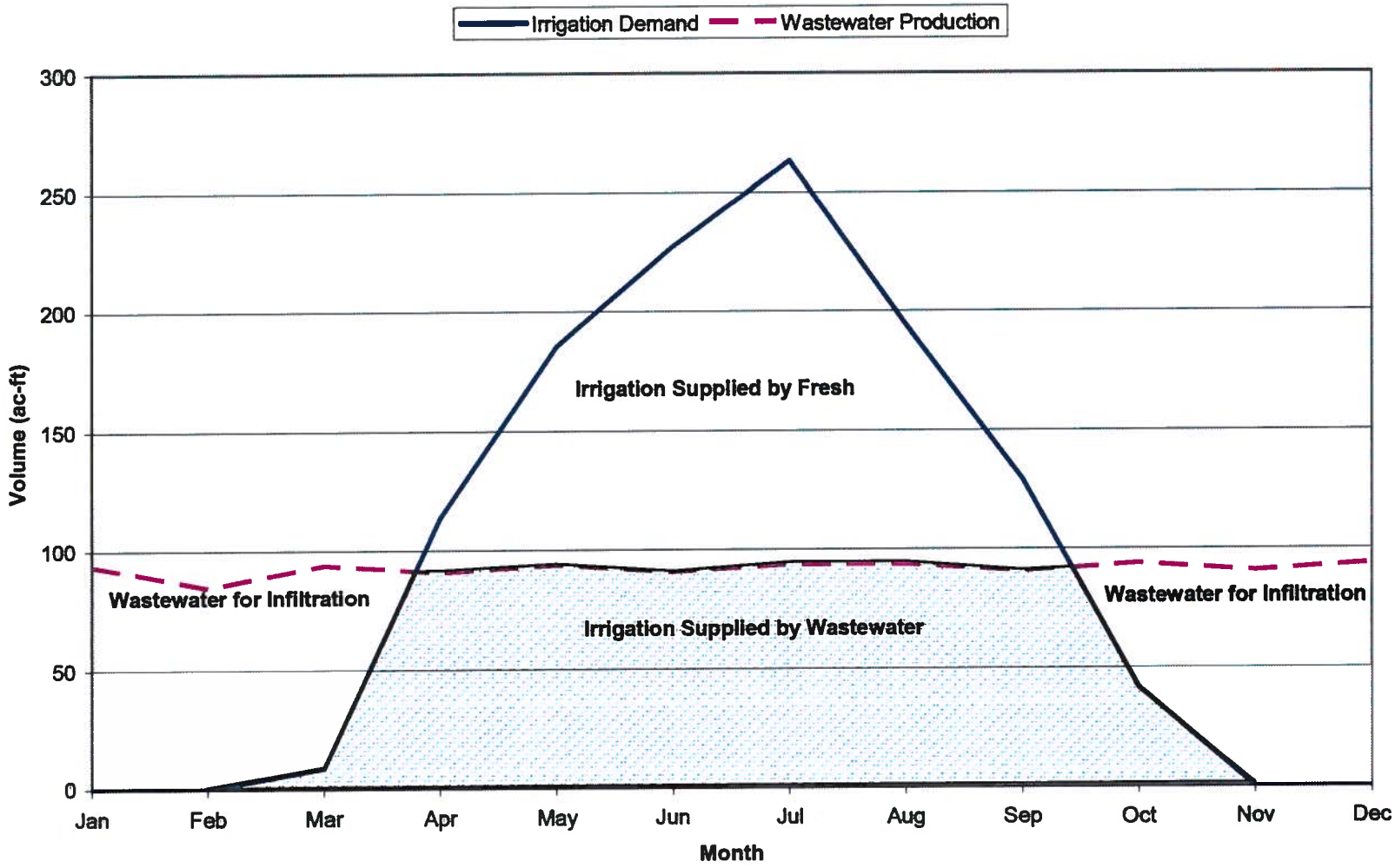


Figure 3: Fresh Water Demand Rate vs. Water Rights Diversion Rate

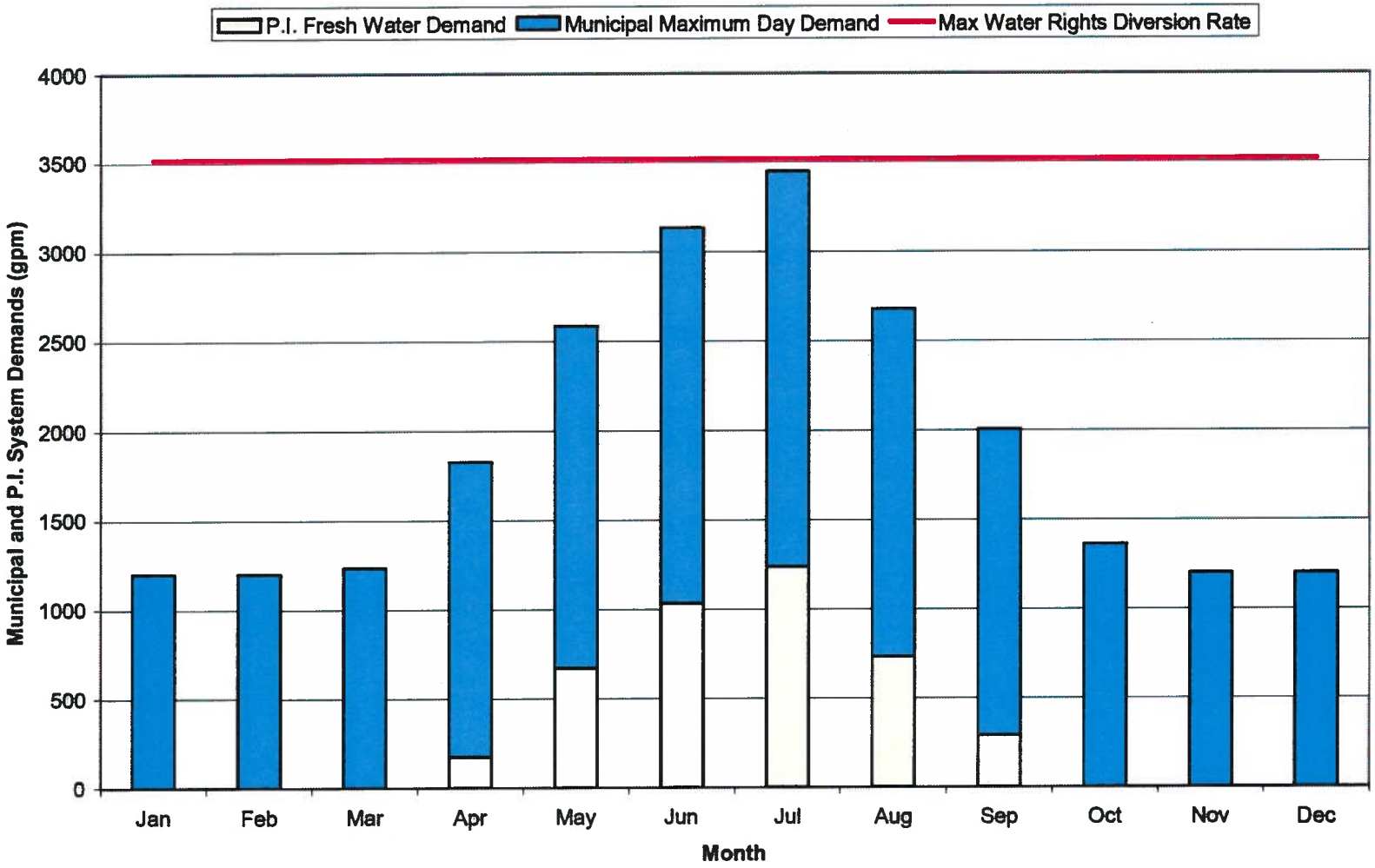


Figure 4: Fresh Water Demand Volume vs. Water Rights Diversion Volume

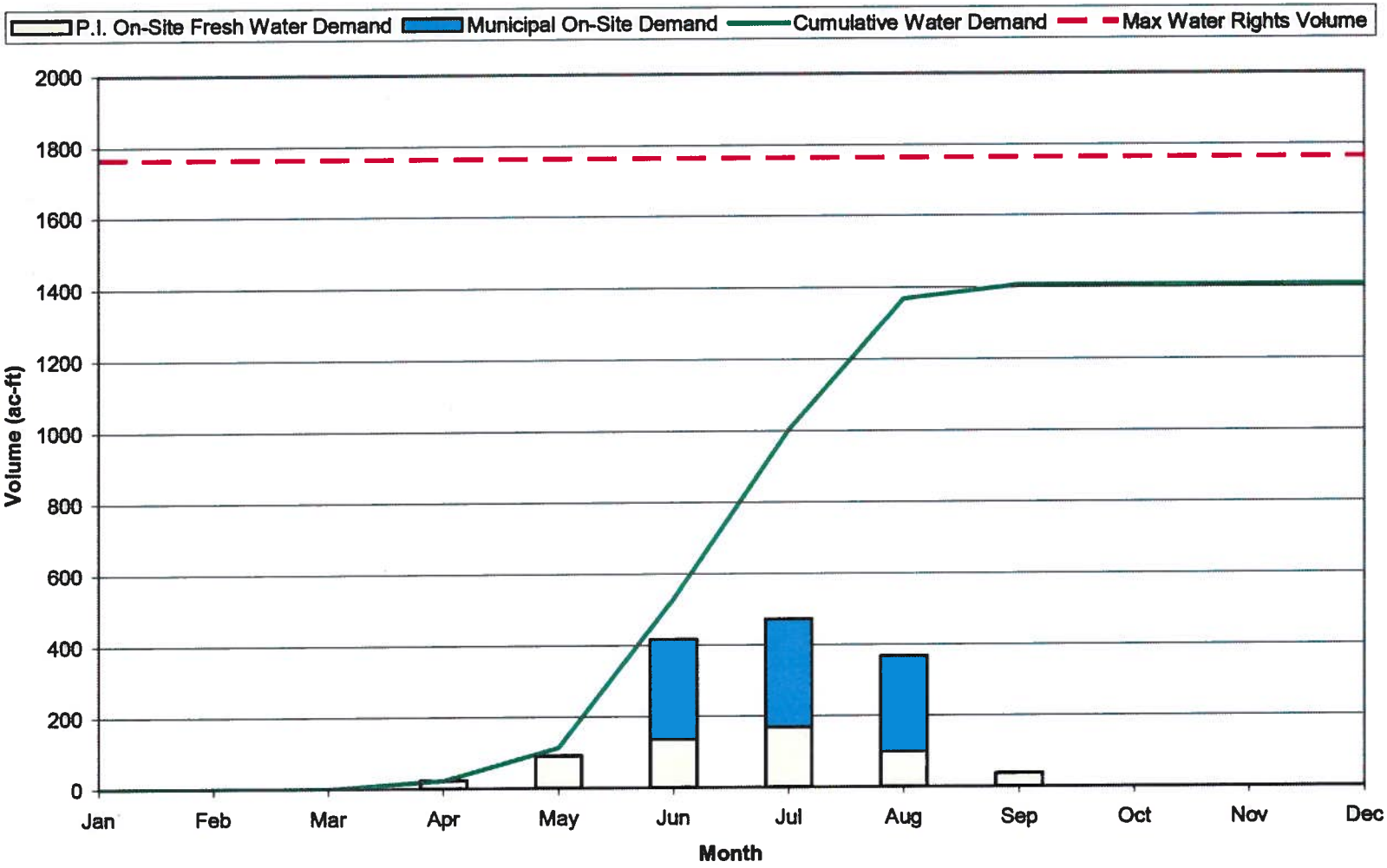


Figure 5: On-Site Supply Rate vs Off-Site Supply Rate

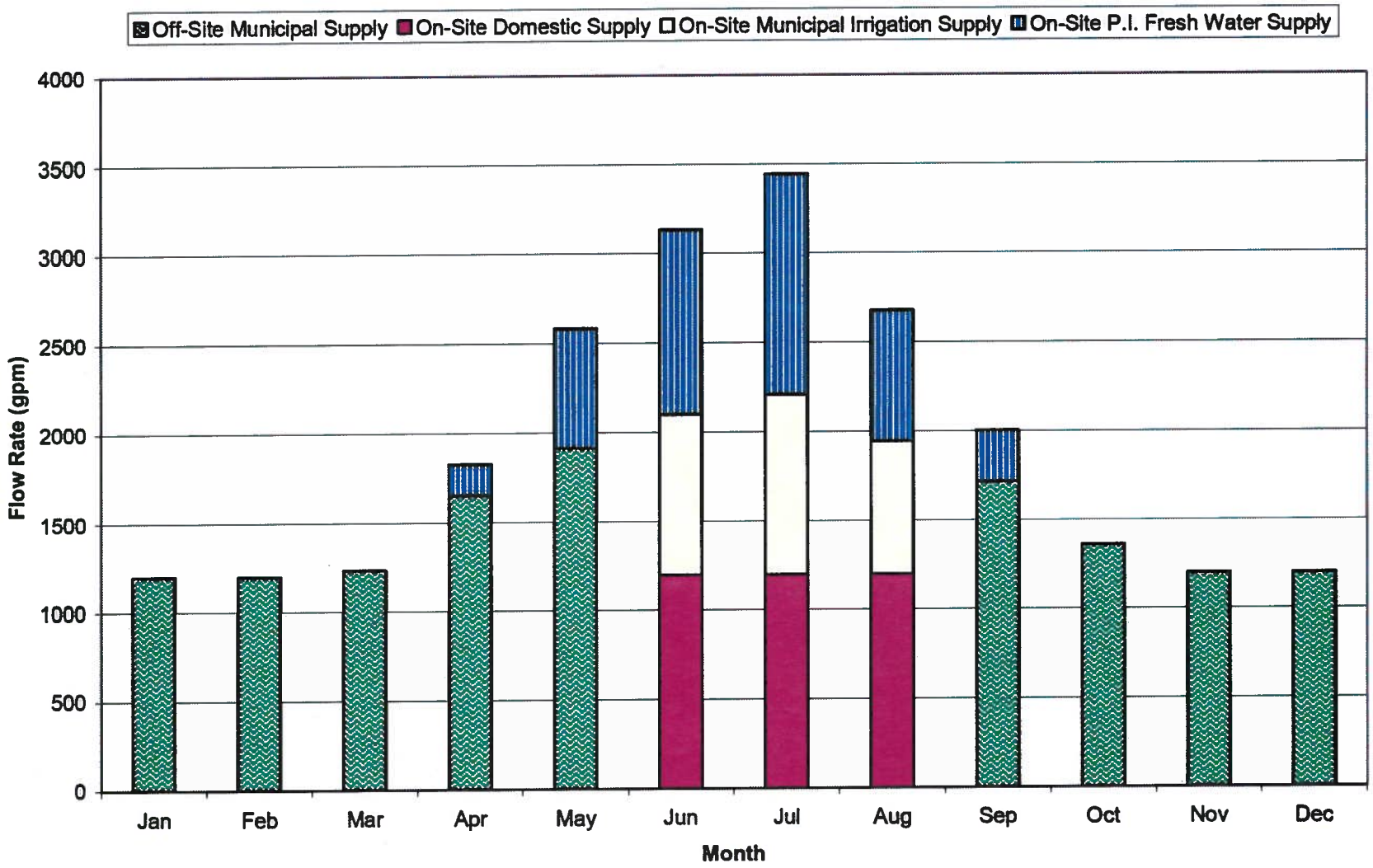
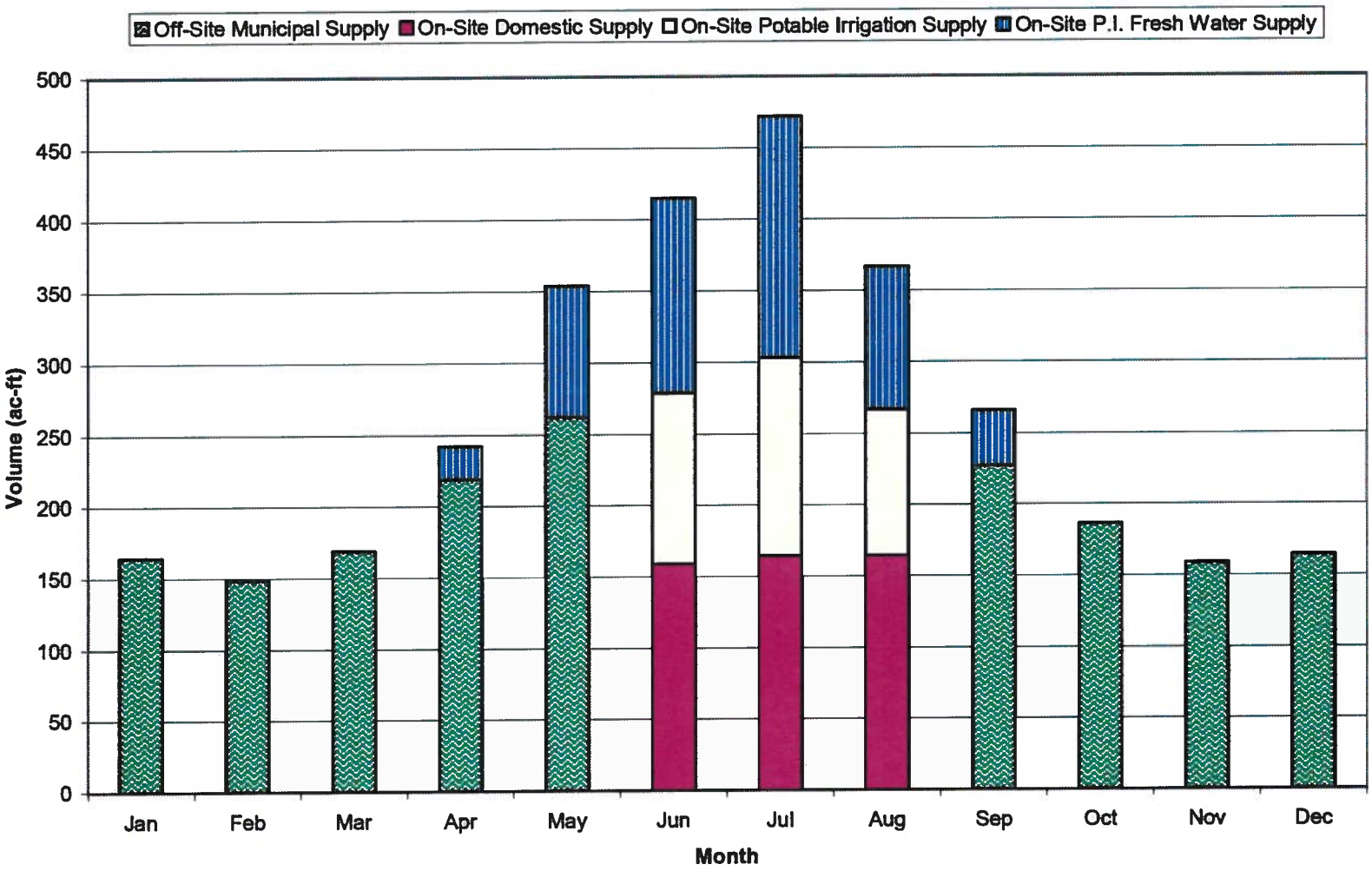


Figure 6: On-Site and Off-Site Supply Volumes



SPF Water Engineering, LLC
water resource consultants

MEMORANDUM

DATE: January 18, 2006

TO: File -- Chemine

FROM: Scott King and Terry Scanlan

RE: Consumptive Use Estimates for Dry Creek Ranch property

JOB NO.: 434.0010

This memorandum documents expected historic consumptive irrigation requirements for the Dry Creek Ranch property, formerly owned by Julius Jeker. Figure 1 depicts the ranch based on 1987 aerial photography, and Figure 2 is based on 1994 photography. Both images indicate the property was irrigated and farmed within the boundaries of the IDWR recommended place of use. Based on these images, and per SPF's field visit in the summer of 2005, historic crops likely included alfalfa, pasture, corn, and perhaps summer or winter grain.

The IDWR standard total diversion volume limit for this area is 4.5 acre-feet per acre per year. On-line recommendations to claims appurtenant to this property including 63-4023B, 63-4086B, 63-2535, and 63-7123 indicate that IDWR is recommending 4.5 afa. Therefore, the total anticipated diversion volume limit from ground water is 1764 afa (392 acres x 4.5 afa).

Table 1. Consumptive Irrigation Requirements for Dry Creek Ranch.

Crop	*CIR (mm/yr)*	*CIR (ft/yr)*	*Acres*	*CIR (ac-ft)*
Alfalfa Hay	899	2.95	196	578
Pasture	887	2.91	65	189
Winter Grain	675	2.21	65	144
Spring Grain	598	1.96	66	129
Total			392	1040

Table 1 provides an estimate of the total Consumptive Irrigation Requirement for the 392 acres of irrigated land. These estimates are based on consumptive requirements from Allen & Brockway, 1983, using the Boise WSO AP station. Also, it is assumed that half of the total acres were alfalfa, with the remainder evenly split between pasture, winter grain, and spring grain. These cropping patterns are assumptions only; the actual historic cropping patterns are unknown at this time. Based on the assumed crops and the referenced consumptive irrigation requirements, the total approximate consumptive irrigation use on the Dry Creek Ranch property was 1040 acre-feet per year. Assuming that the irrigation efficiency for the property averaged

65 percent (typical for a mixture of gravity and sprinkler irrigation), the annual diversion volume for irrigation would have been 1600 acre feet (4.08 acre feet per acre over 392 acres).

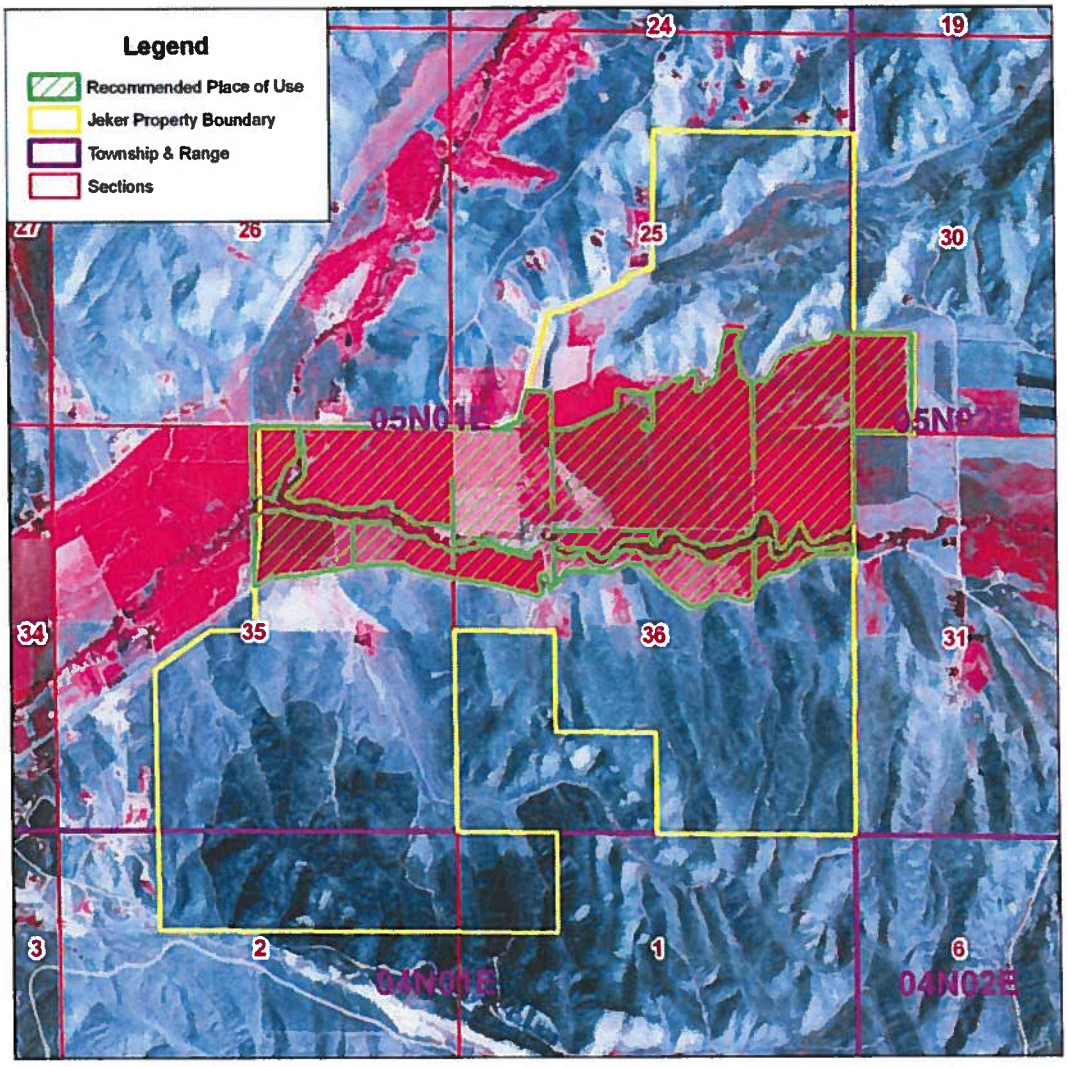


Figure 1. Dry Creek Ranch as of 1987.

The sources of irrigation water historically appears to have been primarily groundwater from wells, supplemented by surface water from Dry Creek. The Dry Creek water was available for irrigation of up to 85 acres. Assuming that the Dry Creek water source provided 1.5 acre feet per acre historically (127.5 acre feet over 85 acres), then the annual diversion volume from groundwater sources would have been approximately 1,472.5 acre feet annually.

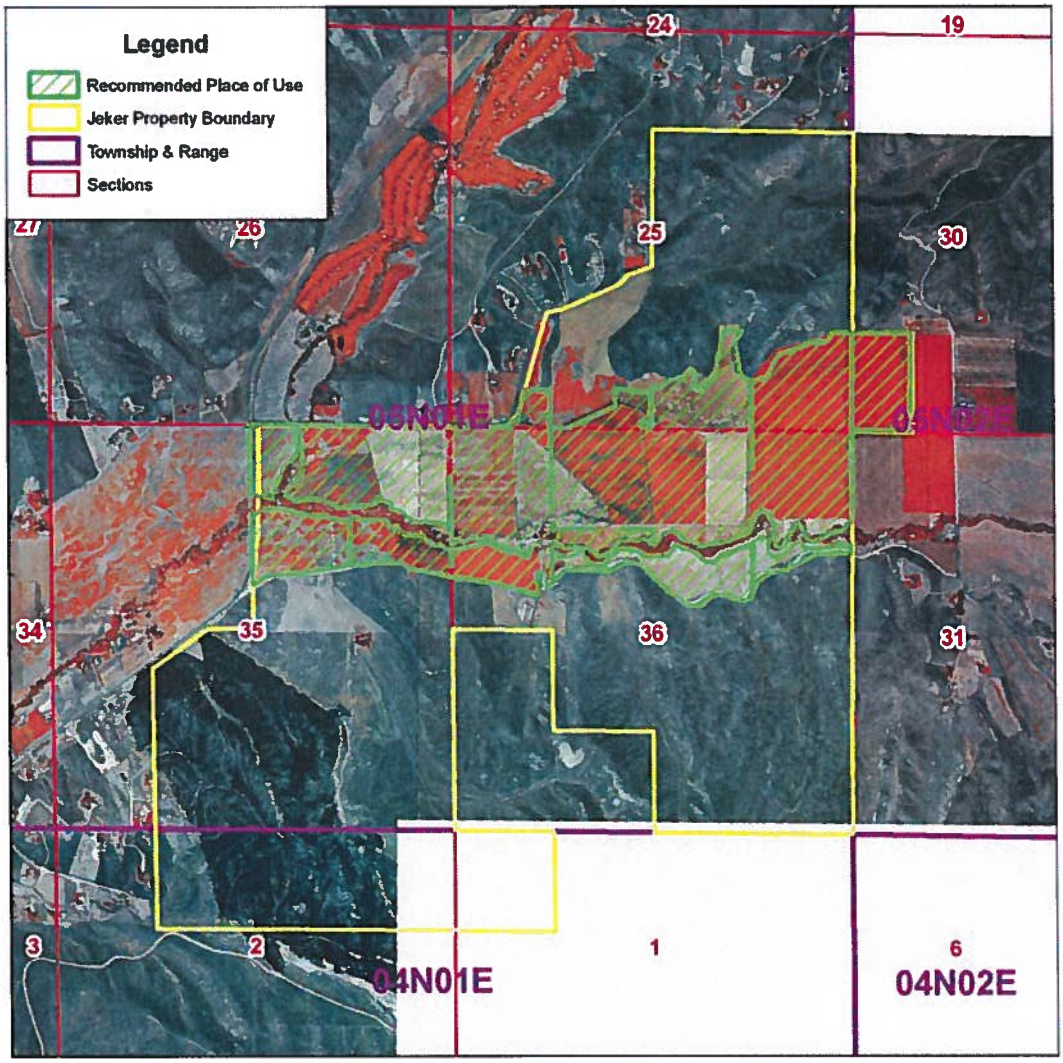


Figure 2. Dry Creek Ranch as of 1994.

Parameter	Units	7/14/2006
		Value
Temperature	°C	11.8
Electrical Conductivity	µS/cm	253.3
Specific Conductivity (@ 25°)	µS/cm	331.1
Dissolved Oxygen	mg/L	5.90
pH		7.94
Flow before sample collection	gpm	1980
Flow after sample collection	gpm	2010

Appendix G:

Water Right Transfer Application

Transfer No. _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1

Name of Applicant JMM Dry Creek, LLC Phone (702) 851-3999

Post Office address 2301 N Akard #200 Dallas, Texas 75201

A. PURPOSE OF TRANSFER

1. ☒ Change point of diversion ☒ Add diversion point(s) ☒ Change place of use

   ☐ Change nature of use ☐ Change period of use ☐ Other _____

2. Describe the reason for the proposed changes Applicant will use existing water rights in pressurized irrigation system serving a portion of the Dry Creek Ranch Planned Community.

B. DESCRIPTION OF RIGHT(S) OR PORTION THEREOF, AFTER THE REQUESTED CHANGE

1.

Right Number	Priority	Amount (cfs/ac-ft)	Nature of Use	Period of Use	
63-7123	07/11/1968	0.79 cfs / 1615.5 afa	Irrigation	4/1	to 10/31
63-4086B	07/20/1960	5 cfs / 1615.5 afa	Irrigation	3/1	to 11/15
63-17454	03/20/1938	1.7 cfs	Irrigation	3/1	to 11/15
63-4023B	07/01/1927	3.0 cfs / 810 afa	Irrigation	3/1	to 11/15
63-4023B	07/01/1927	0.04 cfs	Stockwater	1/1	to 12/31
63-2535	08/24/1937	0.7 cfs / 157.5 afa	Irrigation	3/1	to 11/15
63-2535	08/24/1937	0.02 cfs	Domestic	1/1	to 12/31

2. Total amount of water being transferred 11.19 (not to exceed 7.84 cfs / 1764 afa in combination for 392 acres) cubic feet per second and/or 4198.5 acre-feet per annum.

3. Source of water Dry Creek tributary to Boise River

   Source of water Ground water tributary to NA

4. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion
		NE	NE	36	05N	01E	Ada	Big Pump Well
		NE	NE	35	05N	01E	Ada	Paine Well
		NE	NE	36	05N	01E	Ada	New Irrigation Well
		NE	NE	36	05N	01E	Ada	New Dry Creek Diversion

5. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
05N	01E	25									14.4	0.4	9.0	35.7		10.9	29.7	32.8	132.9
		35	40.3	37.0	39.2	40.3					27.9			1.9	36.4	25.7	0.4	15.8	264.9
		36	40.5	40.5	34.9	20.2	40.5	40.5	38.9	37.9	13.0				1.2	8.9			317
05N	02E	30											24.2						24.2

Total Acres 392 acres within 739-acre permissible place of use

PART 1

6. General Information:

Description of diversion system New pump in Dry Creek. One new irrigation well and two existing irrigation wells with pumps. All discharging to a pressurized irrigation system.

a. Are the lands from which you propose to transfer the water right subject to any liens, deeds of trust, mortgages, or contracts? _____Yes _____No. If yes, provide a notarized statement from the holder of the lien, deed of trust, mortgage or contract agreeing to the proposed changes.

b. Describe the affect on the land now irrigated if the place of use is changed pursuant to this transfer:
Irrigated area will be developed for residential use. Lands within the proposed place of use will be irrigated with pressurized irrigation system.

c. Remarks:
Maximum diversion rate from Dry Creek and groundwater not to exceed 7.84 cfs and 1764 afa for irrigation of 392 acres. Dry Creek water right 63-17454 will be used to the maximum extent allowable when water is available. Pressurized irrigation system will also deliver treated municipal wastewater for land application on the same 392 acres within 739-acre permissible place of use.

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Transfer of Water Rights No. _____

And the said application is hereby _____, subject to the following conditions:

Witness my hand this _____ day of _____, 20 _____.

_____
For the Director

Transfer No. _____

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT

PART 2

(Attach one copy for each right)

A. DESCRIPTION OF RIGHT AS RECORDED

1. Right as evidenced by:
   a. Decree No. _____ Decreed to _____
      in case of _____ vs. _____
      dated _____ in _____ county of _____
   b. License No. _____ issued by the Idaho Department of Water Resources.
   c. Claim No. 63-17454 (as recommended) on file with the Idaho Department of Water Resources.
   d. Transfer No. _____ which produced this right.
2. Attach copy of last year's tax notice for the property to which the water right is appurtenant or other documents which show ownership. Label document as attachment A. Check appropriate box below:

   ☐ Tax Notice ☐ Warranty Deed ☐ Other _____

3. Source of water Dry Creek tributary to Boise River
4. Date or priority 03/20/1938
5. Water is used for the following purposes:

   amount 1.7 cfs (cfs/ac-ft) for Irrigation purposes from 3/1 to 11/15
   amount _____ (cfs/ac-ft) for _____ purposes from _____ to _____
   amount _____ (cfs/ac-ft) for _____ purposes from _____ to _____
6. Total amount of water under right 1.7 cubic feet per second and/or _____ acre-feet per annum.
7. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion
		NE	NW	31	05N	02E	Ada	Dry Creek Diversion

8. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
05N	01E	25																26.5	26.5
		36	35.5																35.4
05N	02E	30											23						23

Total Acres 85

9. Describe any other water rights used for the same purpose as described above 63-7123 and 63-4086B

PART 2

10. To your knowledge, has any portion of this water right undergone a period of five or more consecutive years of non-use?

Yes _____ If yes, describe Water right has been protected from forfeiture through pending adjudication claim and approved application for extension of time to avoid forfeiture.

B. DESCRIPTION OF PORTION OF RIGHT BEING TRANSFERRED

(If the entire right is to be changed by the applicant, omit part B and C.)

1. amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)

2. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion

3. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Total Acres _____

C. DESCRIPTION OF UNCHANGED PORTION OF RIGHT *(omit if there is no change)*

1. amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)

2. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion

3. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Total Acres _____

Transfer No. _____

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT

PART 2

(Attach one copy for each right)

A. DESCRIPTION OF RIGHT AS RECORDED

1. Right as evidenced by:
   a. Decree No. _____ Decreed to _____
      in case of _____ vs. _____
      dated _____ in _____ county of _____
   b. License No. _____ issued by the Idaho Department of Water Resources.
   c. Claim No. 63-7123 (as recommended) on file with the Idaho Department of Water Resources.
   d. Transfer No. _____ which produced this right.
2. Attach copy of last year's tax notice for the property to which the water right is appurtenant or other documents which show ownership. Label document as attachment A. Check appropriate box below:

   ☐ Tax Notice ☐ Warranty Deed ☐ Other _____ _____

3. Source of water Ground water tributary to _____ _____
4. Date or priority 07/11/1968
5. Water is used for the following purposes:

   amount 0.79 cfs / 1615.5 afa for Irrigation purposes from 4/01 to 10/31
   (cfs/ac-ft)
   amount _____ for _____ purposes from _____ to _____
   (cfs/ac-ft)
   amount _____ for _____ purposes from _____ to _____
   (cfs/ac-ft)

6. Total amount of water under right 0.79 cubic feet per second and/or 1615.5 acre-feet per annum.
7. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion
		NE	NE	36	05N	01E	Ada	Big Pump Well

8. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
05N	01E	25												4			22	31	57
		35	15	21	13	13													62
		36	38	40	20	8	39	39	17	11									212
05N	02E	30											20						20

Total Acres 351

9. Describe any other water rights used for the same purpose as described above 63-17454, 63-4086B, 63-4023B, and 63-2535

PART 2

10. To your knowledge, has any portion of this water right undergone a period of five or more consecutive years of non-use?

Yes _____ If yes, describe Water right has been protected from forfeiture through pending adjudication claim and approved application for extension of time to avoid forfeiture.

B. DESCRIPTION OF PORTION OF RIGHT BEING TRANSFERRED

(If the entire right is to be changed by the applicant, omit part B and C.)

1. amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)

2. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion

3. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Total Acres _____

C. DESCRIPTION OF UNCHANGED PORTION OF RIGHT *(omit if there is no change)*

1. amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)

2. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion

3. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Total Acres _____

 Transfer No. _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 2
(Attach one copy for each right)

A. DESCRIPTION OF RIGHT AS RECORDED

1. Right as evidenced by:
   a. Decree No. _____ Decreed to _____
      in case of _____ vs. _____
      dated _____ in _____ county of _____
   b. License No. _____ issued by the Idaho Department of Water Resources.
   c. Claim No. 63-4086B (as recommended) on file with the Idaho Department of Water Resources.
   d. Transfer No. _____ which produced this right.
2. Attach copy of last year's tax notice for the property to which the water right is appurtenant or other documents which show ownership. Label document as attachment A. Check appropriate box below:
   ☐ Tax Notice ☐ Warranty Deed ☐ Other _____
3. Source of water Ground water tributary to _____
4. Date or priority 07/20/1960
5. Water is used for the following purposes:
   amount 5 cfs / 1615.5 afa for Irrigation purposes from 3/1 to 11/15
   (cfs/ac-ft)
   amount _____ for _____ purposes from _____ to _____
   (cfs/ac-ft)
   amount _____ for _____ purposes from _____ to _____
   (cfs/ac-ft)
6. Total amount of water under right 5 cubic feet per second and/or 1615.5 acre-feet per annum.
7. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion
		NE	NE	36	05N	01E	Ada	Big Pump Well

8. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
05N	01E	25											5	4			22	31	62
		35	15	21	13	13													62
		36	38	40	20	8	39	39	17	11									212
05N	02E	30											23						23

Total Acres 359

9. Describe any other water rights used for the same purpose as described above 63-17454, 63-7123, 63-4023B, and 63-2535

PART 2

10. To your knowledge, has any portion of this water right undergone a period of five or more consecutive years of non-use?

Yes If yes, describe Water right has been protected from forfeiture through pending adjudication claim and approved application for extension of time to avoid forfeiture.

B. DESCRIPTION OF PORTION OF RIGHT BEING TRANSFERRED

(If the entire right is to be changed by the applicant, omit part B and C.)

1. amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)

2. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion

3. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Total Acres _____

C. DESCRIPTION OF UNCHANGED PORTION OF RIGHT *(omit if there is no change)*

1. amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)

2. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion

3. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Total Acres _____

 Transfer No. _____

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT

PART 2

(Attach one copy for each right)

A. DESCRIPTION OF RIGHT AS RECORDED

1. Right as evidenced by:
   a. Decree No. _____ Decreed to _____
      in case of _____ vs. _____
      dated _____ in _____ county of _____
   b. License No. _____ issued by the Idaho Department of Water Resources.
   c. Claim No. 63-4023B (as recommended) on file with the Idaho Department of Water Resources.
   d. Transfer No. _____ which produced this right.
2. Attach copy of last year's tax notice for the property to which the water right is appurtenant or other documents which show ownership. Label document as attachment A. Check appropriate box below:

   ☐ Tax Notice ☐ Warranty Deed ☐ Other _____

3. Source of water Ground water tributary to _____
4. Date or priority 07/01/1927
5. Water is used for the following purposes:

   amount 3.0 cfs / 810 afa for Irrigation purposes from 3/1 to 11/15
   (cfs/ac-ft)
   amount 0.04 cfs for Stockwater purposes from 1/1 to 12/31
   (cfs/ac-ft)
   amount _____ for _____ purposes from _____ to _____
   (cfs/ac-ft)
6. Total amount of water under right 3.0 cubic feet per second and/or 810 afa acre-feet per annum.
7. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion
		NE	NE	35	05N	01E	Ada	Paine Well
		NE	NW	36	05N	01E	Ada	Pasture Well
		SW	NW	36	05N	01E	Ada	Corn Well
		SE	NW	36	05N	01E	Ada	House Well

8. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
05N	01E	35	35	30	18	12													95
		36					15	40	20	10									85

Total Acres 180

9. Describe any other water rights used for the same purpose as described above 63-7123, 63-4086B, and 63-2535

PART 2

10. To your knowledge, has any portion of this water right undergone a period of five or more consecutive years of non-use?

Yes _____ If yes, describe Water right has been protected from forfeiture through pending adjudication claim and approved application for extension of time to avoid forfeiture.

B. DESCRIPTION OF PORTION OF RIGHT BEING TRANSFERRED

(If the entire right is to be changed by the applicant, omit part B and C.)

1. amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)

2. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion

3. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Total Acres _____

C. DESCRIPTION OF UNCHANGED PORTION OF RIGHT *(omit if there is no change)*

1. amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)

2. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion

3. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Total Acres _____

 Transfer No. _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 2
(Attach one copy for each right)

A. DESCRIPTION OF RIGHT AS RECORDED

1. Right as evidenced by:
   a. Decree No. _____ Decreed to _____
      in case of _____ vs. _____
      datcd _____ in _____ county of _____
   b. License No. _____ issued by the Idaho Department of Water Resources.
   c. Claim No. 63-2535 (as recommended) on file with the Idaho Department of Water Resources.
   d. Transfer No. _____ which produced this right.
2. Attach copy of last year's tax notice for the property to which the water right is appurtenant or other documents which show ownership. Label document as attachment A. Check appropriate box below:

   ☐ Tax Notice ☐ Warranty Deed ☐ Other _____

3. Source of water Ground water _____ tributary to _____
4. Date or priority 08/24/1937
5. Water is used for the following purposes:

   amount 0.7 cfs / 157.5 afa for Irrigation purposes from 3/1 to 11/15
   (cfs/ac-ft)
   amount 0.02 cfs for Domestic purposes from 1/1 to 12/31
   (cfs/ac-ft)
   amount _____ for _____ purposes from _____ to _____
   (cfs/ac-ft)

6. Total amount of water under right 0.7 cubic feet per second and/or 157.5 acre-feet per annum.
7. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion
		NE	NE	35	05N	01E	Ada	Paine Well

8. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
05N	01E	35	20	10	5														35

Total Acres 35

9. Describe any other water rights used for the same purpose as described above 63-7123, 63-4086B, and 63-4023B

PART 2

10. To your knowledge, has any portion of this water right undergone a period of five or more consecutive years of non-use?

Yes _____ If yes, describe Water right has been protected from forfeiture through pending adjudication claim and approved application for extension of time to avoid forfeiture.

B. DESCRIPTION OF PORTION OF RIGHT BEING TRANSFERRED

(If the entire right is to be changed by the applicant, omit part B and C.)

1. amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)

2. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion

3. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Total Acres _____

C. DESCRIPTION OF UNCHANGED PORTION OF RIGHT *(omit if there is no change)*

1. amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)

2. Point(s) of Diversion:

Lot	¼	¼	¼	Sec	Twp	Rge	County	Local name for diversion

3. Lands irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Total Acres _____

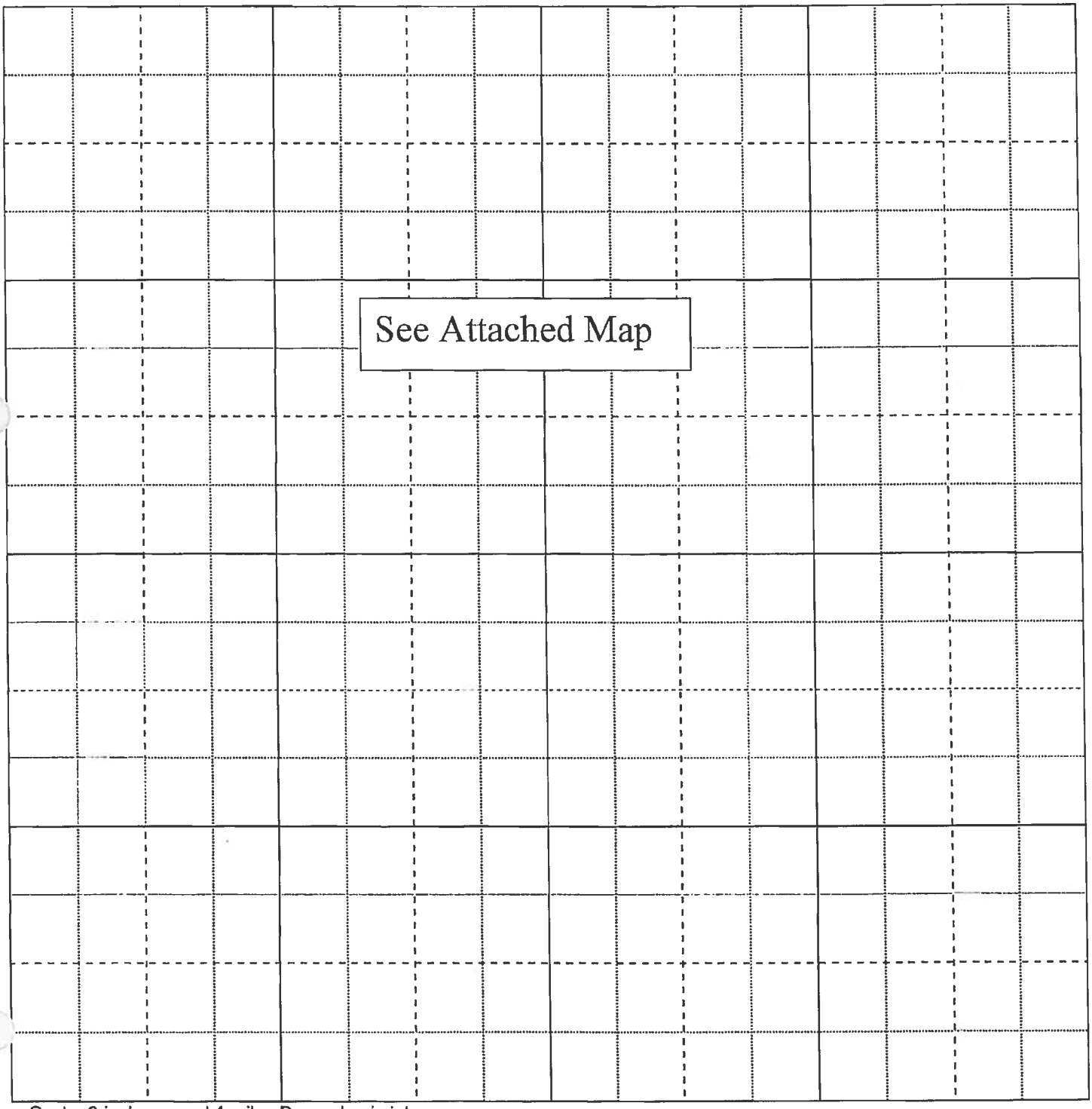
Transfer No. _____

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 3

A. Draw a map or attach a USGS map indicating the new point(s) of diversion and/or the new place of use for the rights described in part 1. Clearly depict the land by section, township and range number.



Scale: 2 inches equal 1 mile. Draw plan in ink.

 Transfer No. _____

PART 3

B. CHANGES IN NATURE OF USE

1. New Nature of Use	Amount(cfs/af-ft)	Hours/days/year	Period of Use
_____	_____	_____	_____ to _____
_____	_____	_____	_____ to _____

Quantity and quality of return flows and location of discharge: _____

_____

_____

2. Describe effects on other water uses resulting from the proposed change:

_____

_____

_____

_____

I hereby assert that no one will be injured by such change and that the change does not constitute an enlargement in use of the original right. The information contained in this application is true to the best of my knowledge.

I understand that any willful misrepresentations made in this application may result in voiding its approval.

_____

(Signature of Applicant)

Subscribed and sworn to before me this _____ day of _____, 20 _____.

_____

(Notary Public)

My commission expires _____

FOR DEPARTMENT USE ONLY

Transfer contains _____ pages and _____ attachments

Received by _____ Date _____ Protest filed by _____

Prelim. Check by _____ Fee _____ _____

Receipted by _____ Date _____ _____

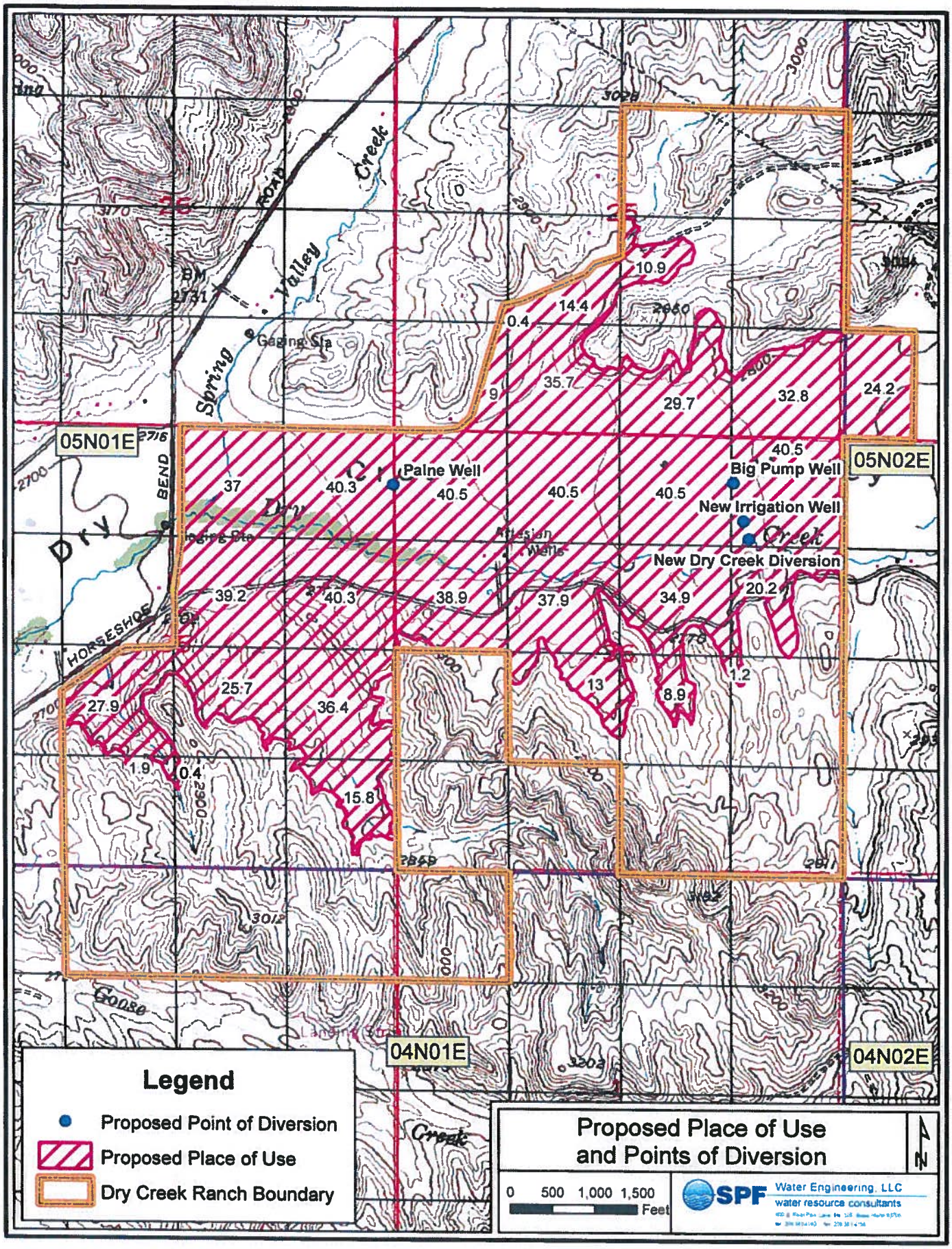
Published in _____ Copies of protest forwarded by _____

Pub. Dates _____ Hearing held by _____ Date _____

Watermaster recommendations requested on _____ Recommended for ☐ approval ☐ denial

_____ received _____ by _____

Copy of transfer sent to lien holder _____


05N01E
05N02E
04N01E
04N02E
Paine Well
Big Pump Well
New Irrigation Well
New Dry Creek Diversion
Artesian Wells
Gaging Sta
Spring Valley Creek
Dry Creek
HORSESHOE BEND
Goose Creek
10.9
14.4
0.4
35.7
9
29.7
32.8
24.2
40.5
40.3
40.5
40.5
40.5
37
39.2
40.3
38.9
37.9
34.9
20.2
1.2
13
8.9
25.7
27.9
36.4
1.9
0.4
15.8
Legend
Proposed Point of Diversion
Proposed Place of Use
Dry Creek Ranch Boundary
Proposed Place of Use and Points of Diversion
0 500 1,000 1,500 Feet
N
SPF Water Engineering, LLC
water resource consultants

DCRNA/JMM Water Rights Agreement

Exhibit D

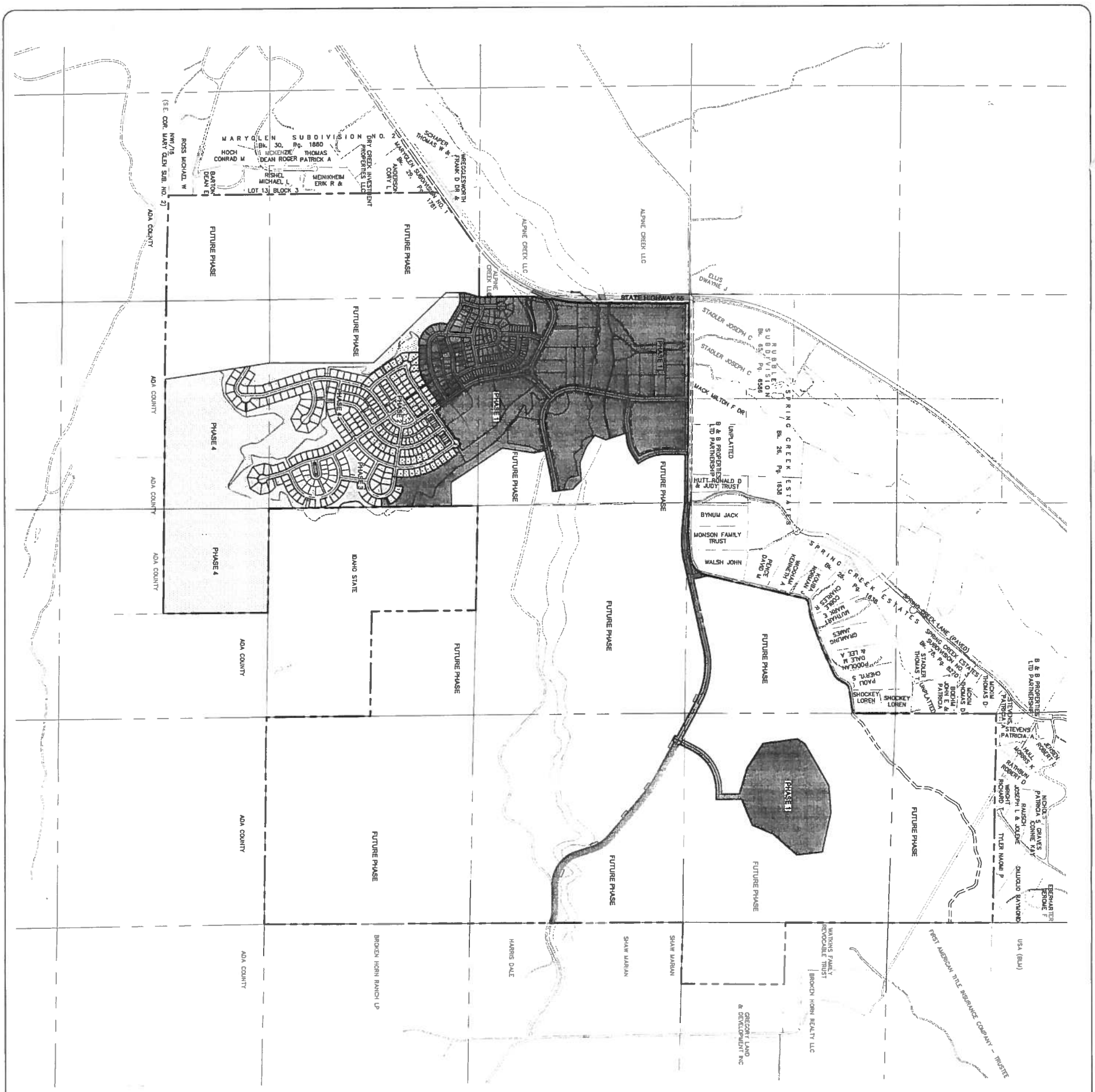
Technical reports and preliminary plat applications and reports submitted to IDWR to evaluate Application 63-32423 and Transfer 73817

D-1: SPF Water Engineering, LLC's investigation of Julius Jeker's property (May 17, 2005) (approximately 262 pages, including Attachments A-M)

D-2: SPF's Conceptual Water System Report (July 18, 2006) (including Appendices A-G)

D-3: Jeker's Place Ranch Subdivision Preliminary Plat and Hillside Development application submitted to Ada County on January 12, 2007 and accepted by Ada County on April 14, 2007.

D-4: Ada County Staff Report, with exhibits, for Jeker's Place Ranch Preliminary Plat and Hillside Development prepared for the Planning and Zoning Commission dated May 22, 2008.



PHASING
PHASE 1
PHASE 2
PHASE 3
PHASE 4
FUTURE

SCALE: 1"=600'
600 300 0 600

NOT APPROVED FOR CONSTRUCTION

PHASING PLAN
C034

PROJECT NO: LB/607A.00
DATE: 05/15/07
DESIGNED BY: DJM/SLL
DRAWN BY: PZC
CHECKED BY: ABF/DJM

DRY CREEK RANCH

PHASING PLAN
JEKER'S PLACE - PHASES 1 - 4
JMM DRY CREEK, LLC.
Ada County, Idaho

4 REVISED PLAN PER COUNTY COMMENTS 01-15-2008

PROFESSIONAL ENGINEER REGISTERED STATE OF IDAHO DAVID J. MELORUM 11968

W R G
DESIGN INC.
1173 E. Winding Creek Drive Eagle, ID 83616
Tel. 208.246.8300 Fax. 208.246.8320
PLANNERS • ENGINEERS • LANDSCAPE ARCHITECTS • SURVEYORS

MATCH LINE - SEE SHEET C029

MATCH LINE - SEE SHEET C030

MATCH LINE - SEE SHEET C032

43

GRAVEL ACCESS ROAD

30.0' WATER EASEMENT

58

R

WATER RESERVOIR LOCATION

30.0' WATER EASEMENT

1338.47' S00°06'56"W

BLOCK 14
58

PHASE 4 NOT A PART

ADA COUNTY

S00°01'40"E 1335.45'

NOT A PART

OFFSITE WATER TO CONNECT AT THE INTERSECTION OF EAST FLOATING FEATHER ROAD AND NORTH HORSESHOE BEND ROAD

SECTION 2

SECTION 1

PHASE 4 NOT A PART N89°16'39"W 2630.92'

PHASE 4 NOT A PART N89°28'42"W 1319.47'

NOT A PART

ADA COUNTY

1319.92' S00°06'56"W

ADA COUNTY

NOT A PART

SCALE: 1"=100'

100 50 0 100

KEY MAP
SCALE: N.T.S

C019
C020 C021
C022 C023 C024
C025 C026 C027
C028 C029 C030 C031
C032 C033

NOT APPROVED FOR CONSTRUCTION

WRG DESIGN INC.
1173 E. Winding Creek Drive Eagle, ID 83616
Tel. 208.246.8300 Fax. 208.246.8320
PLANNERS • ENGINEERS • LANDSCAPE ARCHITECTS • SURVEYORS

PROFESSIONAL ENGINEER REGISTERED 11258 STATE OF IDAHO

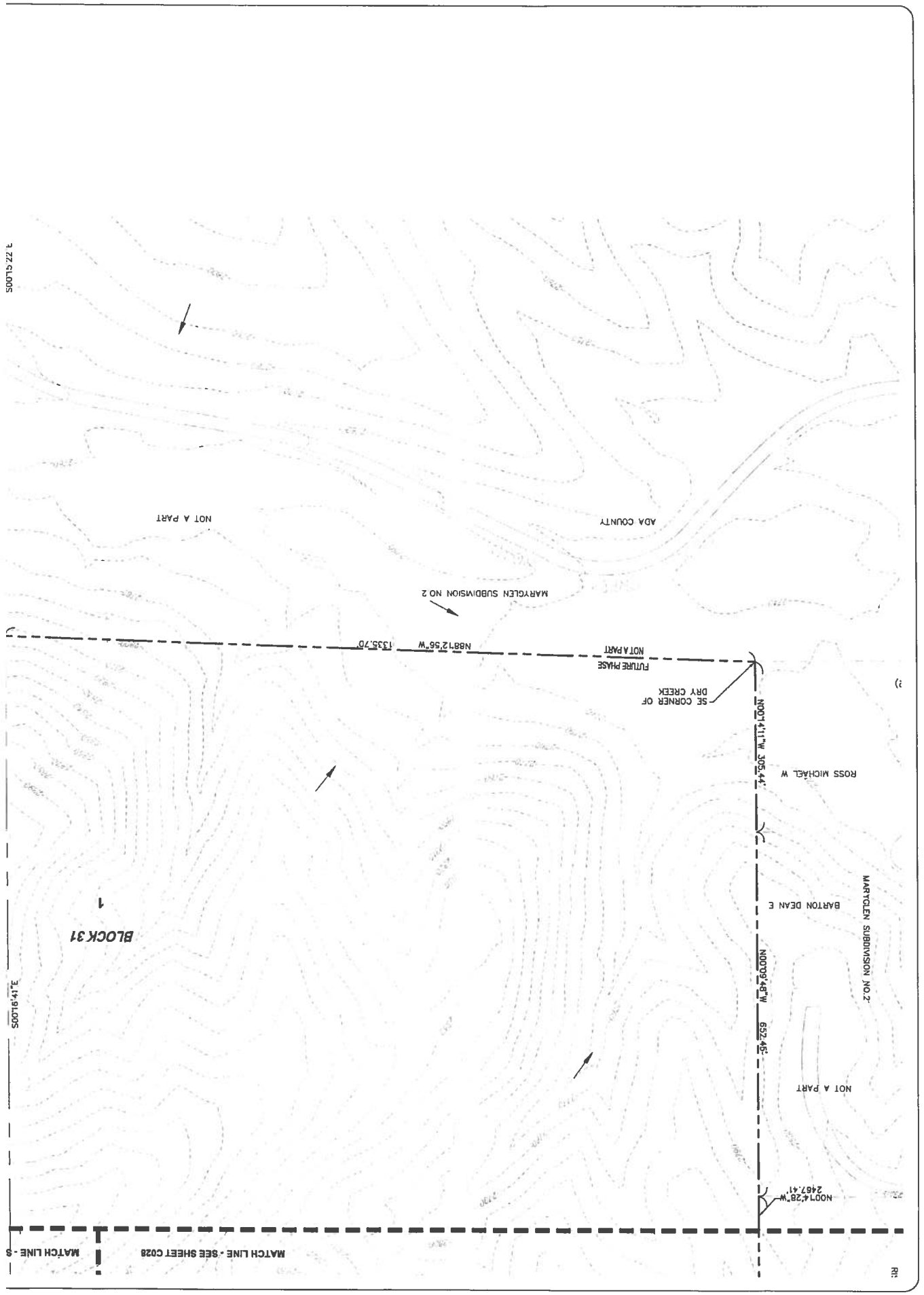
⚠ REVISED PLAN PER COUNTY COMMENTS 08-04-2007
⚠ REVISED PLAN PER COUNTY COMMENTS 01-15-2008

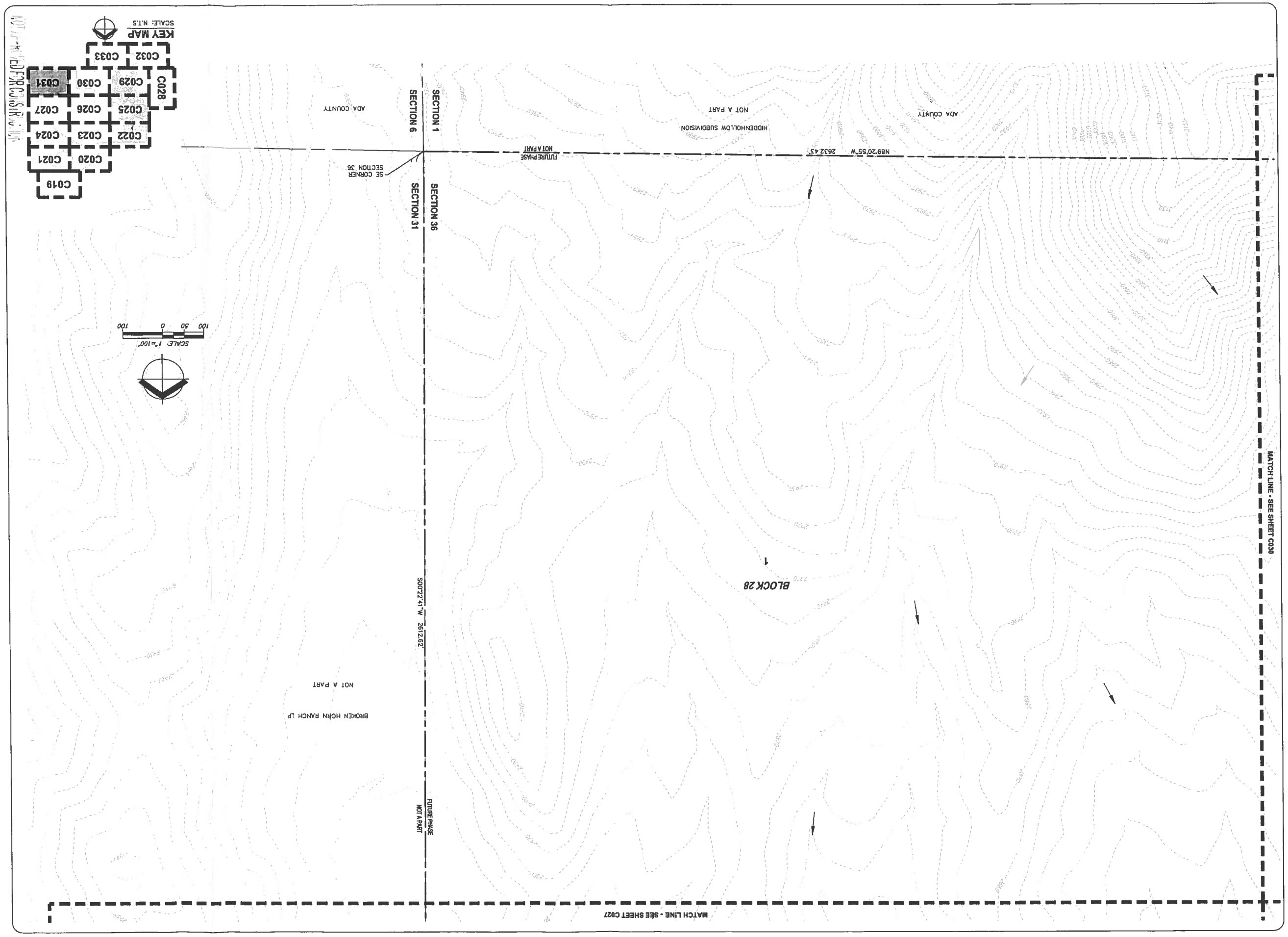
UTILITY PLAN
JEKER'S PLACE - PHASES 1 - 4
JMM DRY CREEK, LLC.
Ada County, Idaho

DRY CREEK RANCH

PROJECT NO.	LBI5074.00
DATE:	05/15/07
DESIGNED BY:	DJM/SLL
DRAWN BY:	PZC
CHECKED BY:	ABF/DJM

UTILITY PLAN
C033


S00°15'22"E
NOT A PART
ADA COUNTY
MARYGLEN SUBDIMSION NO 2
NOT A PART
N88°12'56"W 1335.70'
FUTURE PHASE
NOT A PART
SE CORNER OF
DRY CREEK
N00°41'11"W 305.44'
ROSS MICHAEL W
BARTON DEAN E
MARYGLEN SUBDIVISION NO.2
N00°09'48"W 652.46'
NOT A PART
N00°14'28"W
2457.41'
BLOCK 31
1
S00°16'41"E
MATCH LINE - SEE SHEET C028
MATCH LINE - S



UTILITY PLAN

C031

PROJECT NO.	LBI507400
DATE	05/15/07
DESIGNED BY:	DJM/SLL
DRAWN BY:	PZC
CHECKED BY:	ABF/DJM

DRY CREEK RANCH

UTILITY PLAN

JEKER'S PLACE - PHASES 1 - 4

JMM DRY CREEK, LLC.

Ada County, Idaho

△ REVISED PLAN PER COUNTY COMMENTS 09-04-2007

△ REVISED PLAN PER COUNTY COMMENTS 01-15-2008

PROFESSIONAL ENGINEER REGISTERED STATE OF IDAHO 11568 DAVID J. MELQUIST

DESIGN WORKSHOP, INC.

1172 E. Winding Creek Drive Eagle, ID 83616

Tel: 208.246.8300 Fax: 208.246.8320

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UTILITY PLAN

JEKER'S PLACE - PHASES 1 - 4

JMM DRY CREEK, LLC.

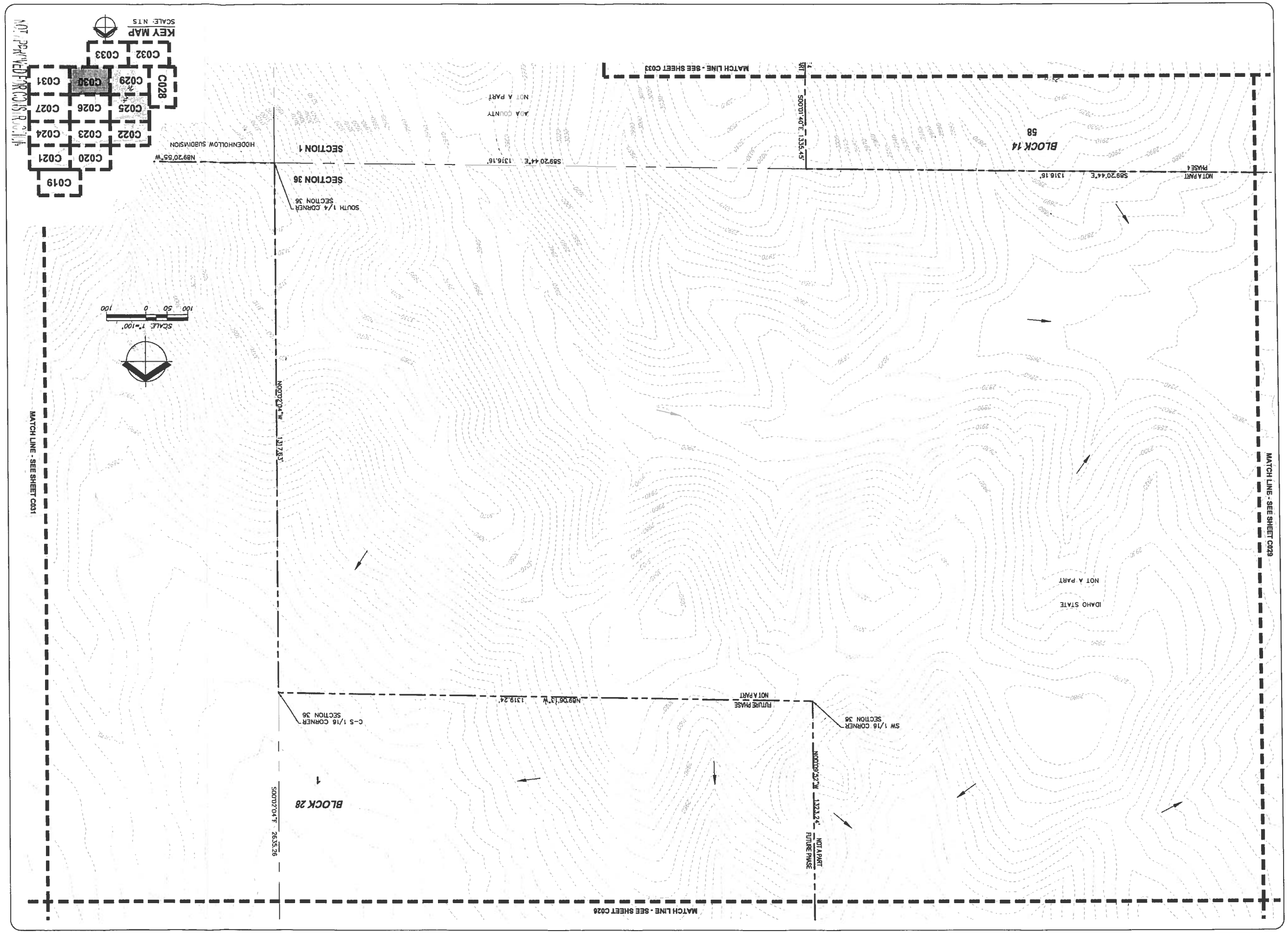
Ada County, Idaho

PROJECT NO.	LBI507400
DATE	06/15/07
DESIGNED BY	DJM/SJL
DRAWN BY	PZC
CHECKED BY	ABF/DJM

1. REVISED PLAN PER COUNTY COMMENTS 08-04-2007
2. REVISED PLAN PER COUNTY COMMENTS 01-15-2008

DESIGN WORKSHOP, INC.
1173 E. Winding Creek Drive Eagle, ID 83616
Tel. 208.246.8300 Fax. 208.246.8320
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PROFESSIONAL ENGINEER — STATE OF IDAHO — 11858 — DAVID J. MELQUIST



MATCH LINE - SEE SHEET C025

MATCH LINE - SEE SHEET C028

MATCH LINE - SEE SHEET C030

MATCH LINE - SEE SHEET C032

MATCH LINE - SEE SHEET C033

N00°21'27"W 2639.05

PHASE 4 FUTURE PHASE

FUTURE PHASE

PHASE 4

BLOCK 12

BLOCK 31

BLOCK 17

BLOCK 16

BLOCK 21

BLOCK 22

BLOCK 20

BLOCK 23

BLOCK 24

BLOCK 25

BLOCK 14

BLOCK 26

BLK 27

W. PROSPECTOR DR.

W. PROSPECTOR DRIVE

W. WANDERER WAY

N. WANDERER WAY

W. DESPERADO WAY

N. DESPERADO WAY

W. HOWLING WOLF WAY

W. DANCING DOG WAY

W. CRAZY HORSE WAY

W. PETTICOAT DRIVE

W. SMUGGLER WAY

N. RAGTIME AVENUE

W. CLEMENTINE DRIVE

W. OUTLAW STREET

W. GASLIGHT WAY

W. WANDERER COURT

W. ESMERELDA DR.

N. JEREMIAH WAY

TRAIL

PHASE 1

PHASE 2

PHASE 3

PHASE 4

PHASE 1 NOT A PART

PHASE 2 NOT A PART

PHASE 3 NOT A PART

PHASE 4 NOT A PART

IDAHO STATE

SECTION 35

SECTION 2

SECTION 36

SECTION LINE

2639.84 N89°42'23"W

1316.16' S89°20'44"E

30' X 66' EASEMENT

TEMPORARY FIRE TURNAROUND

SCALE: 1"=100'

100 50 0 100

KEY MAP
SCALE: N.T.S

C019 C020 C021 C022 C023 C024 C025 C026 C027 C028 C029 C030 C031 C032 C033

NOT APPROVED FOR CONSTRUCTION

W R G
DESIGN INC
1173 E. Winding Creek Drive Eagle, ID 83616
Tel. 208.246.8300 Fax. 208.246.8320
PLANNERS • ENGINEERS • LANDSCAPE ARCHITECTS • SURVEYORS

PROFESSIONAL ENGINEER REGISTERED 11888 STATE OF IDAHO DAVID J. MELORUM

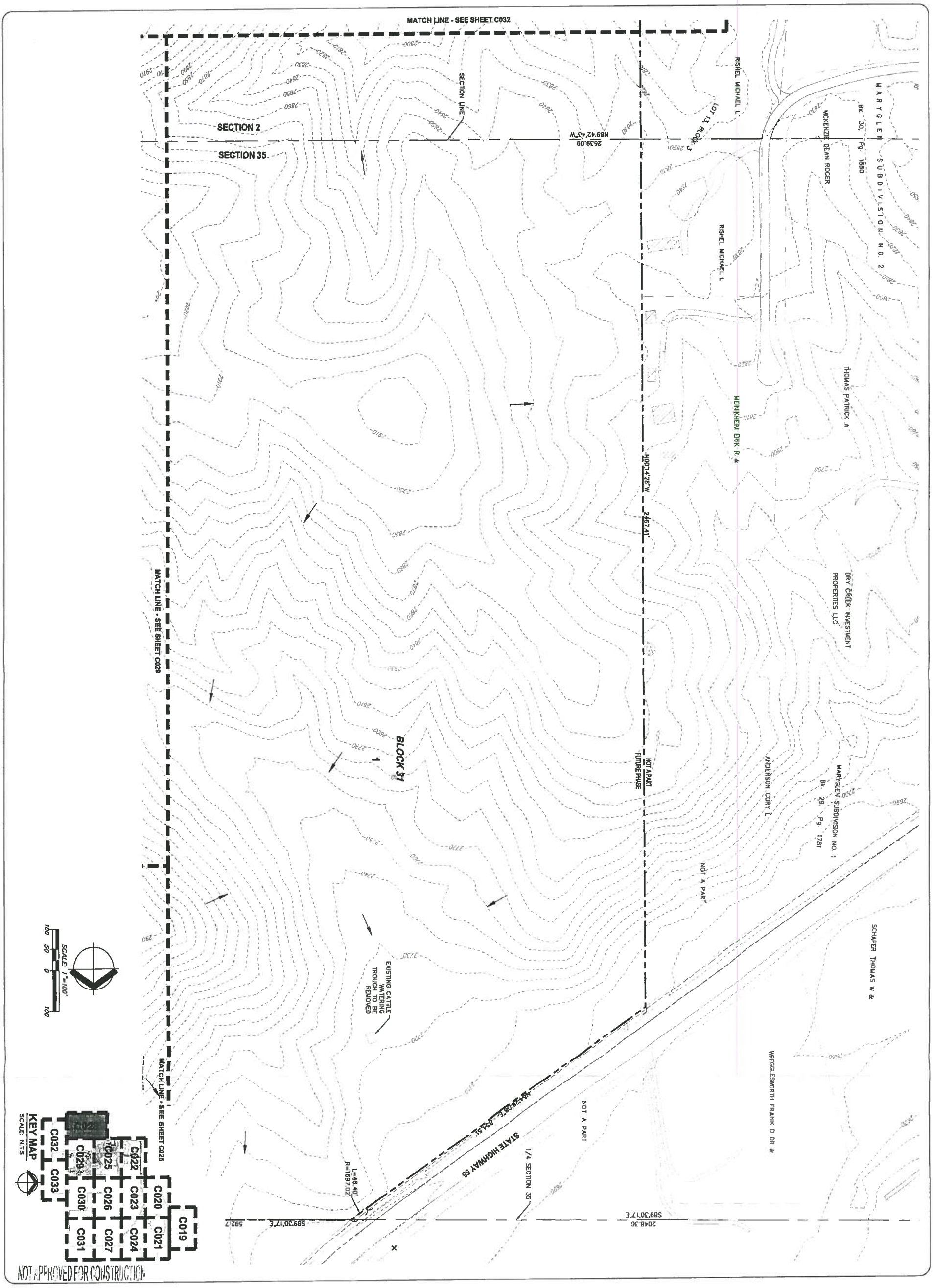
⚠ REVISED PLAN PER COUNTY COMMENTS 08-04-2007
⚠ REVISED PLAN PER COUNTY COMMENTS 07-15-2008

UTILITY PLAN
JEKER'S PLACE - PHASES 1 - 4
JMM DRY CREEK, LLC.
Ada County, Idaho

DRY CREEK RANCH

PROJECT NO:	LBI5074.00
DATE:	05/15/07
DESIGNED BY:	DJM/SLL
DRAWN BY:	PZC
CHECKED BY:	ABF/DJM

UTILITY PLAN
C029



NOT APPROVED FOR CONSTRUCTION

UTILITY PLAN
C028

PROJECT NO: LSI/5074.00
DATE: 05/15/07
DESIGNED BY: DJM/SLL
DRAWN BY: PZC
CHECKED BY: ABF/DJM

DRY CREEK RANCH

UTILITY PLAN

JEKER'S PLACE - PHASES 1 - 4

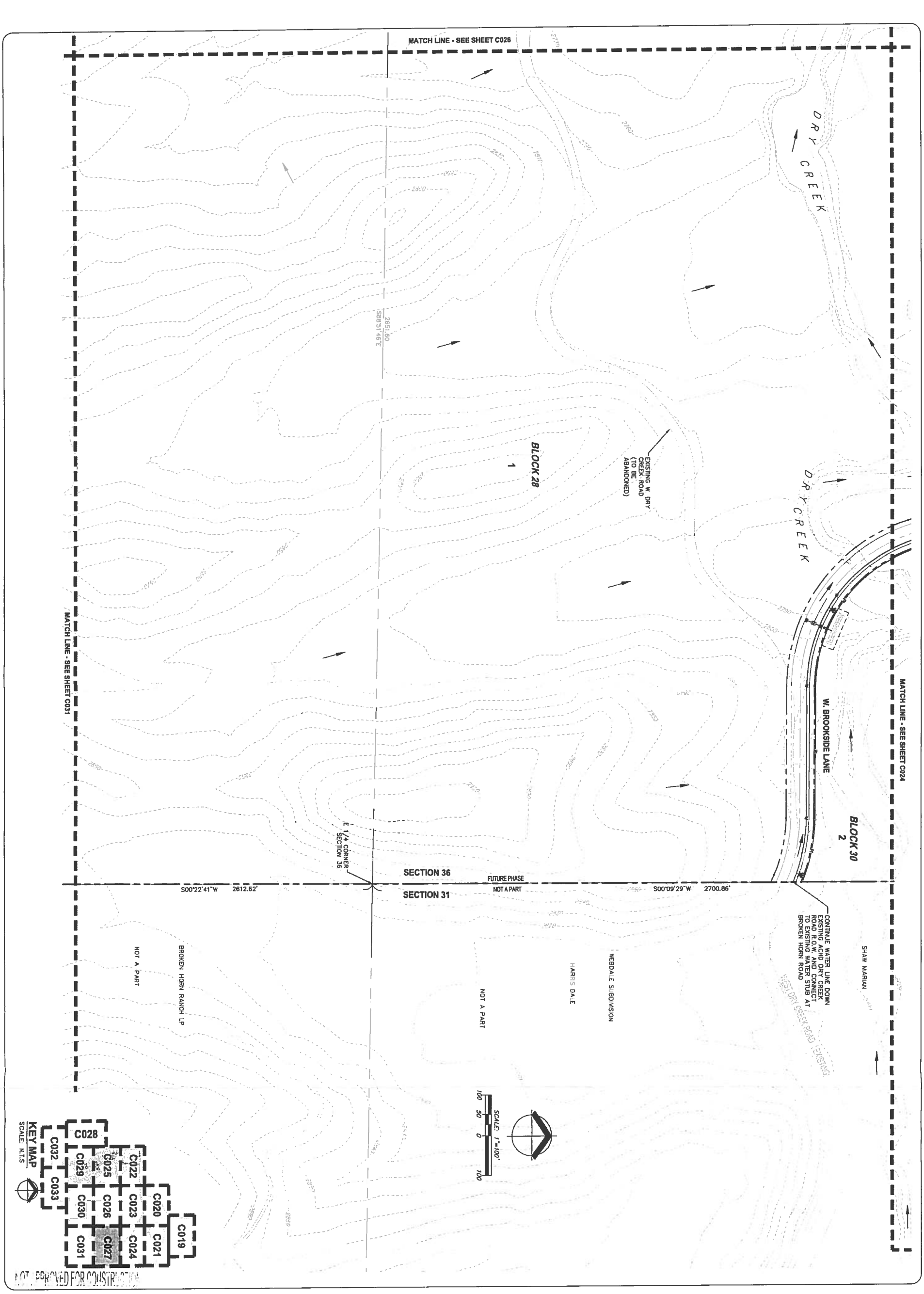
JMM DRY CREEK, LLC.

Ada County, Idaho

1 REVISED PLAN PER COUNTY COMMENTS 08-04-2007
4 REVISED PLAN PER COUNTY COMMENTS 01-15-2008

STATE OF IDAHO DAVID J. MELDRUM 11868 REGISTERED PROFESSIONAL ENGINEER

W R G DESIGN INC.
1173 E. Winding Creek Drive Eagle, ID 83616
Tel. 208.246.8300 Fax. 208.246.8320
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UTILITY PLAN

JEKER'S PLACE - PHASES 1 - 4

JMM DRY CREEK, LLC.

Ada County, Idaho

1 REVISED PLAN PER COUNTY COMMENTS 08-04-2007
2 REVISED PLAN PER COUNTY COMMENTS 01-15-2008

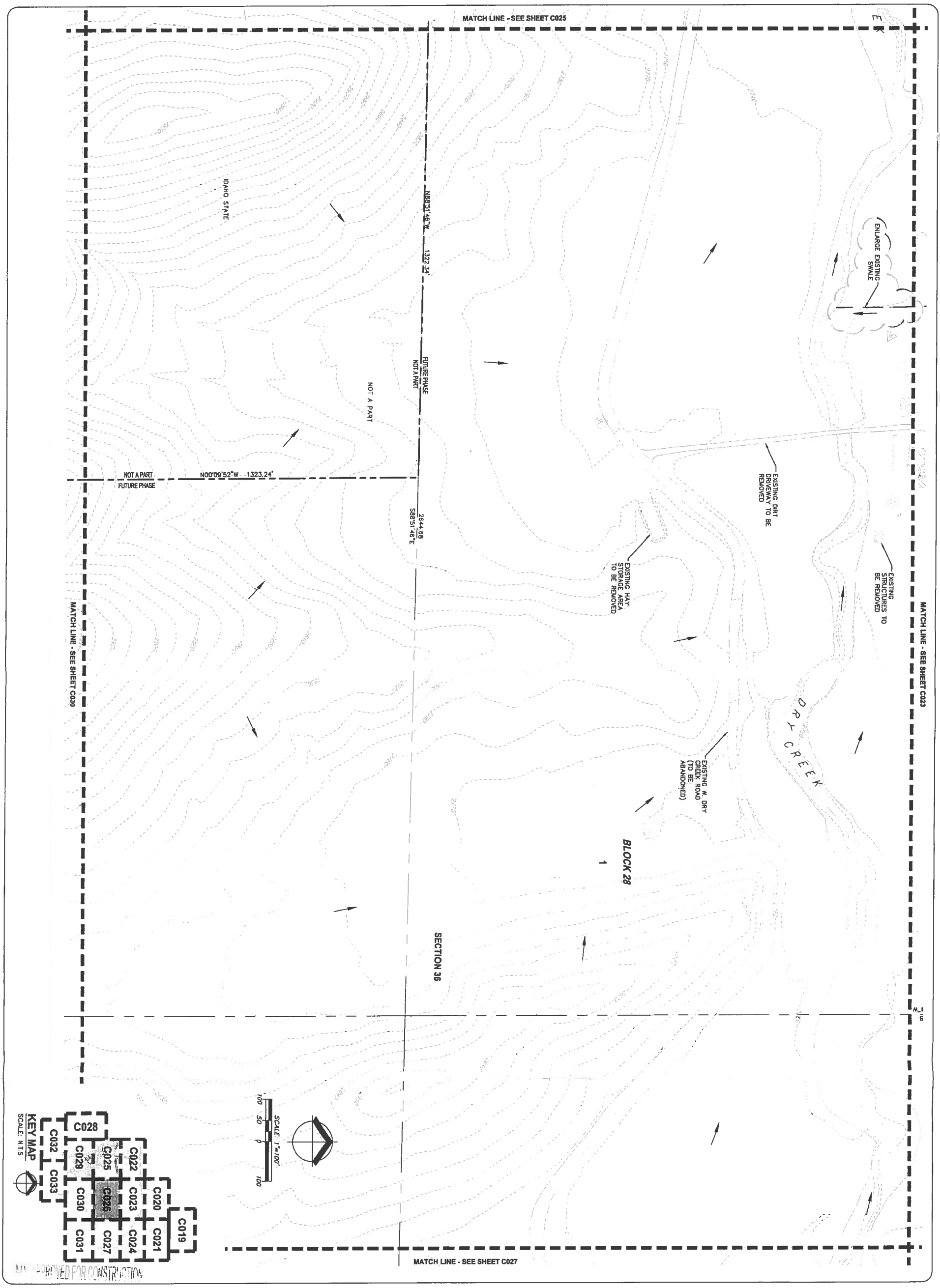
PROFESSIONAL ENGINEER — 11866 — STATE OF IDAHO — DAVID J. MELDRUM

W R G
DESIGN INC
1173 E. Winding Creek Drive Eagle, ID 83616
Tel. 208.246.8300 Fax. 208.246.8320
PLANNERS • ENGINEERS • LANDSCAPE ARCHITECTS • SURVEYORS

PROJECT NO. LBI5074.00
DATE 05/15/07
DESIGNED BY: DJM/SLL
DRAWN BY: PZC
CHECKED BY: ABF/DJM

UTILITY PLAN
C027

NOT APPROVED FOR CONSTRUCTION



NOT APPROVED FOR CONSTRUCTION

UTILITY PLAN
C026

PROJECT NO. LS15074.00
DATE 05/15/07
DESIGNED BY: DJM/SLL
DRAWN BY: PZC
CHECKED BY: ABF/DJM

DRY CREEK RANCH

UTILITY PLAN

JEKER'S PLACE - PHASES 1 - 4

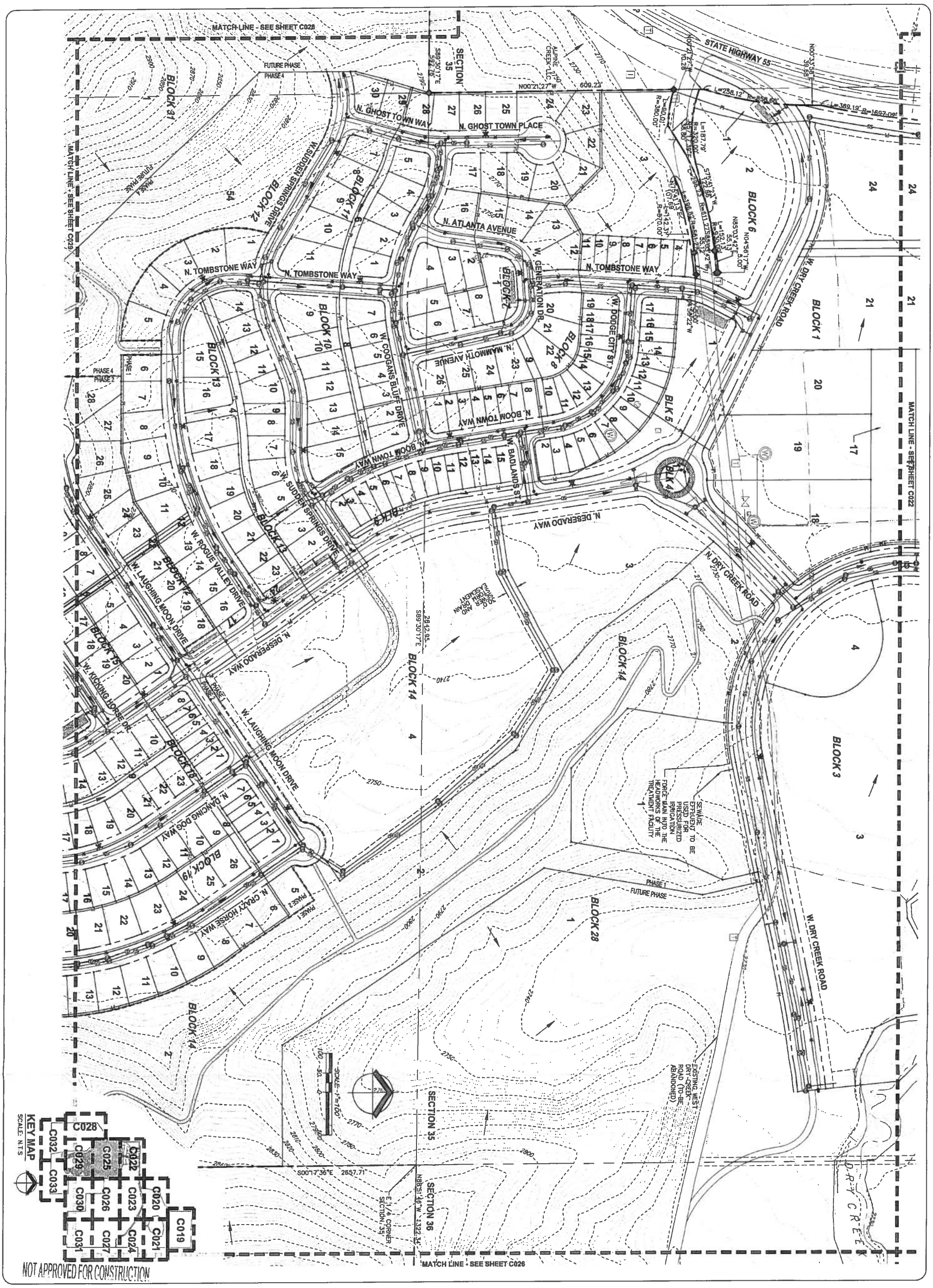
JMM DRY CREEK, LLC.

Ada County, Idaho

1 REVISED PLAN PER COUNTY COMMENTS 08-04-2007
4 REVISED PLAN PER COUNTY COMMENTS 01-15-2008
6 REVISED PLAN PER COUNTY COMMENTS 03-05-2008

STATE OF IDAHO DAVID J. MELORUM 11868 REGISTERED PROFESSIONAL ENGINEER

W R G
DESIGN INC.
1173 E. Winding Creek Drive Eagle, ID 83616
Tel. 208.246.8300 Fax. 208.246.8320
PLANNERS • ENGINEERS • LANDSCAPE ARCHITECTS • SURVEYORS



UTILITY PLAN
C025

PROJECT NO: LBI/07400
DATE: 05/25/07
DESIGNED BY: DJM/SLL
DRAWN BY: PZC
CHECKED BY: ABF/DJM

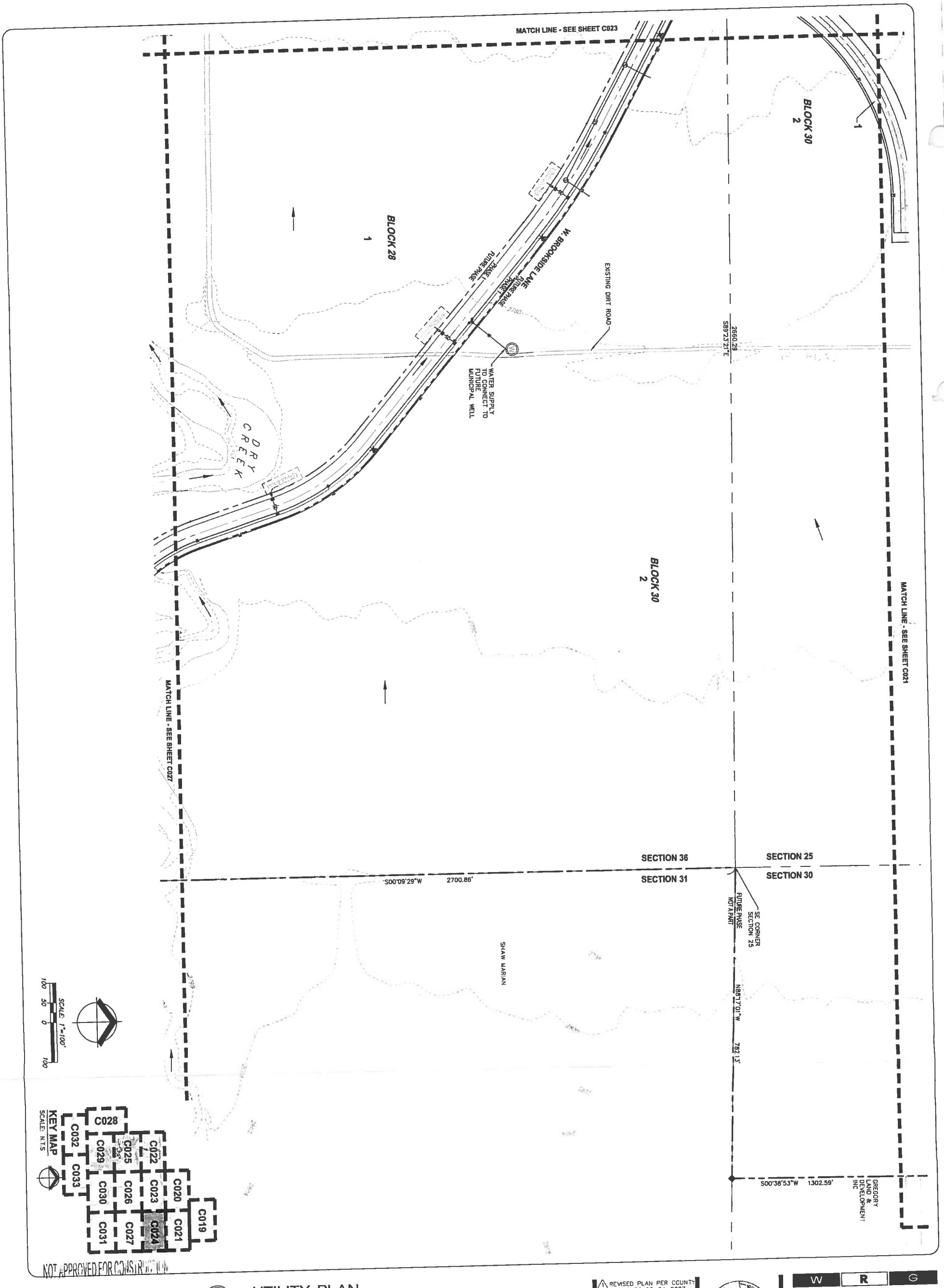
DRY CREEK RANCH

UTILITY PLAN
JEKER'S PLACE - PHASES 1 - 4
JMM DRY CREEK, LLC.
Ada County, Idaho

1 REVISED PLAN PER COUNTY COMMENTS 08-04-2007
2 REVISED PLAN PER COUNTY COMMENTS 08-30-2007
3 REVISED PLAN PER COUNTY COMMENTS 11-28-2007
4 REVISED PLAN PER COUNTY COMMENTS 01-15-2008

PROFESSIONAL ENGINEER REGISTERED 11868 STATE OF IDAHO DAVID J. MELDRUM 3/1/08

W R G
DESIGN INC.
1173 E. Winding Creek Drive Eagle, ID 83616
Tel. 208.246.8300 Fax. 208.246.8320
PLANNERS • ENGINEERS • LANDSCAPE ARCHITECTS • SURVEYORS



NOT APPROVED FOR CONSTRUCTION

UTILITY PLAN
C024

PROJECT NO: LB95074.00
DATE: 05/15/07
DESIGNED BY: DJM/SLL
DRAWN BY: PZC
CHECKED BY: ABF/DJM

DRY CREEK RANCH

UTILITY PLAN

JEKER'S PLACE - PHASES 1 - 4

JMM DRY CREEK, LLC.

Ada County, Idaho

1 REVISED PLAN PER COUNTY COMMENTS 08-04-2007
4 REVISED PLAN PER COUNTY COMMENTS 07-15-2008

STATE OF IDAHO DAVID J. MELDRUM 11858 PROFESSIONAL ENGINEER REGISTERED

W R G DESIGN INC.
1173 E. Winding Creek Drive Eagle, ID 83616
Tel. 208.246.8300 Fax. 208.246.8320
PLANNERS • ENGINEERS • LANDSCAPE ARCHITECTS • SURVEYORS

NOT APPROVED FOR CONSTRUCTION

KEY MAP
SCALE: N.T.S.

C019 C020 C021 C022 C023 C024 C025 C026 C027 C028 C029 C030 C031 C032 C033

SCALE: 1"=100'
100 50 0 100

MATCH LINE - SEE SHEET C026

N00°02'04"W 2679.58

EXISTING DIRT ROAD

EXISTING STRUCTURES TO BE REMOVED

ENLARGE EXISTING SWALE

MATCH LINE - SEE SHEET C022

MATCH LINE - SEE SHEET C024

BLOCK 28
1

SECTION 36
SECTION 25

S1/4 CORNER SECTION 25

PHASE 1
FUTURE PHASE

W. BROOKSIDE LANE

BLOCK 30
2

BLOCK 30
1

CREATE DRAINAGE SWALE

S89°14'36"E 2659.85

S89°10'32"E 1419.98'

N44°28'46"E 217.62'

BLOCK 29

R=2650.00'
Δ=1°01'30"
L=284.25'

NOT A PART

WALSH JOHN

MONSON FAMILY TRUST

MATCH LINE - SEE SHEET C020

UTILITY PLAN
C023

PROJECT NO.	LB1507400
DATE	06/16/07
DESIGNED BY:	DJM/SJL
DRAWN BY:	PZC
CHECKED BY:	ABF/DJM

DRY CREEK RANCH

UTILITY PLAN

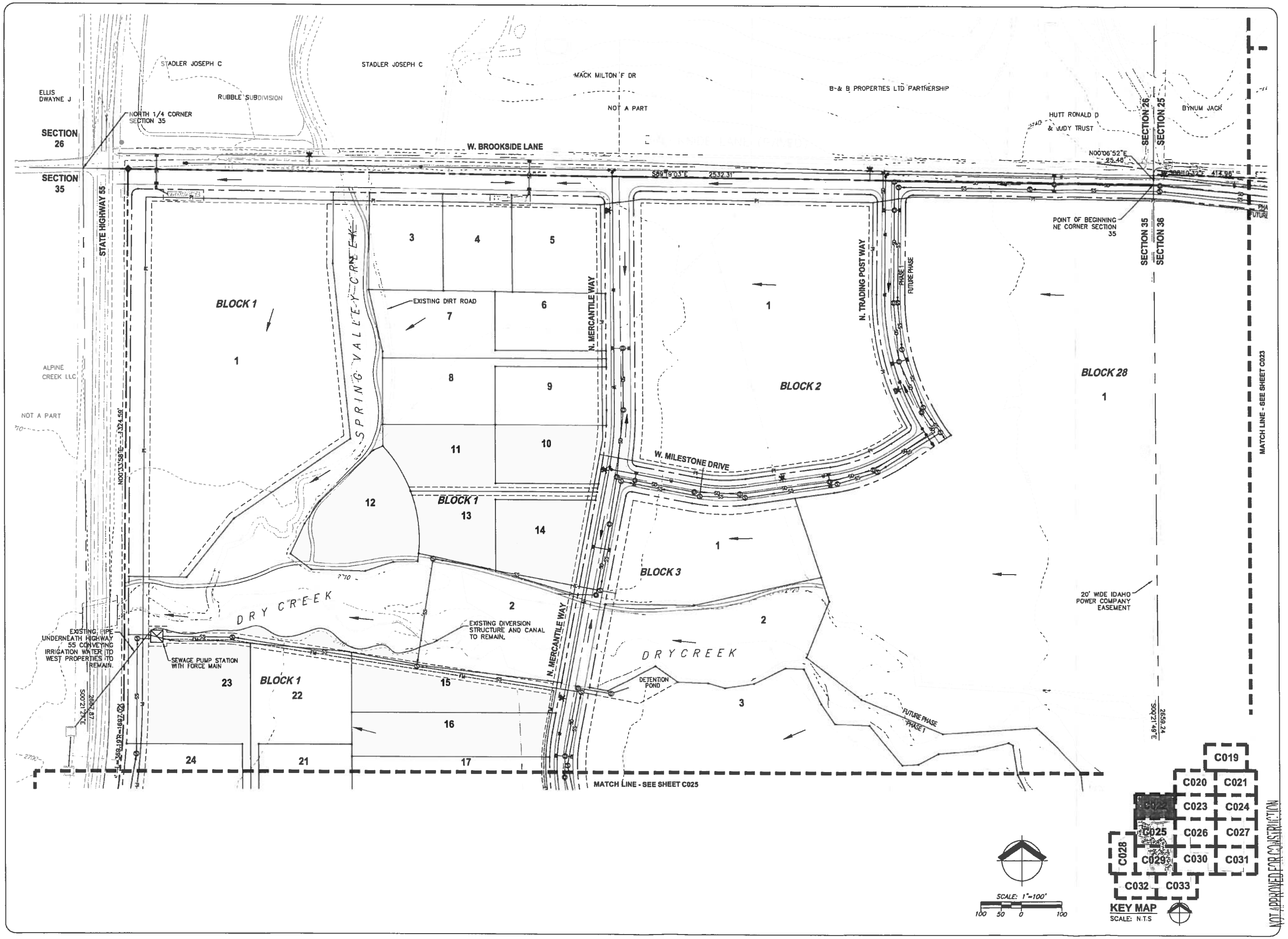
JEKER'S PLACE - PHASES 1 - 4

JMM DRY CREEK, LLC.
Ada County, Idaho

△ REVISED PLAN PER COUNTY COMMENTS 08-04-2007
△ REVISED PLAN PER COUNTY COMMENTS 01-15-2008
△ REVISED PLAN PER COUNTY COMMENTS 03-05-2008

PROFESSIONAL ENGINEER
STATE OF IDAHO
DAVID J. MELOPHAR
11868

DESIGN INC.
1173 E Winding Creek Drive Eagle, ID 83616
Tel. 208.246.8300 Fax. 208.246.8320
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WRG DESIGN INC.
173 E. Winding Creek Drive Eagle, ID 83616
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PROFESSIONAL ENGINEER REGISTERED 11868 STATE OF IDAHO DAVID J. MELDRUM

⚠ REVISED PLAN PER COUNTY COMMENTS 08-04-2007
⚠ REVISED PLAN PER COUNTY COMMENTS 08-30-2007
⚠ REVISED PLAN PER COUNTY COMMENTS 11-26-2007
⚠ REVISED PLAN PER COUNTY COMMENTS 01-15-2008

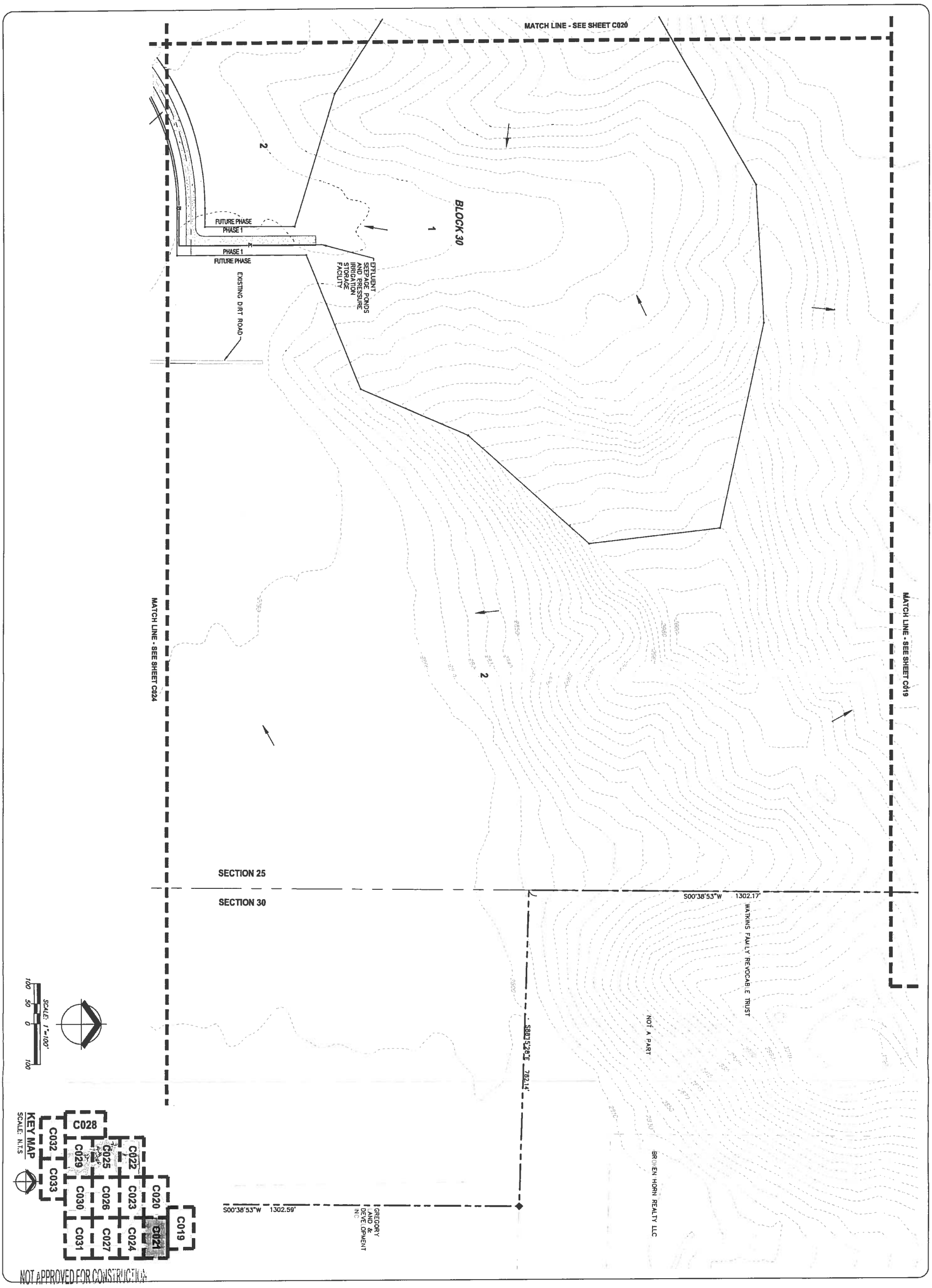
SHEETS 1 - 4

UTILITY PLAN
JEKER'S PLACE - PHASES 1
JMM DRY CREEK, LLC.
Ada County, Idaho

DRY CREEK RANCH

PROJECT NO.	LBI5074.00
DATE:	05/15/07
DESIGNED BY:	DJM/SLL
DRAWN BY:	PZC
CHECKED BY:	ABF/DJM

UTILITY PLAN
C022



NOT APPROVED FOR CONSTRUCTION

UTILITY PLAN
C021

PROJECT NO: LBI507A00
DATE: 05/15/07
DESIGNED BY: DJM/SLL
DRAWN BY: PZC
CHECKED BY: ABF/DJM

DRY CREEK RANCH

UTILITY PLAN

JEKER'S PLACE - PHASES 1 - 4

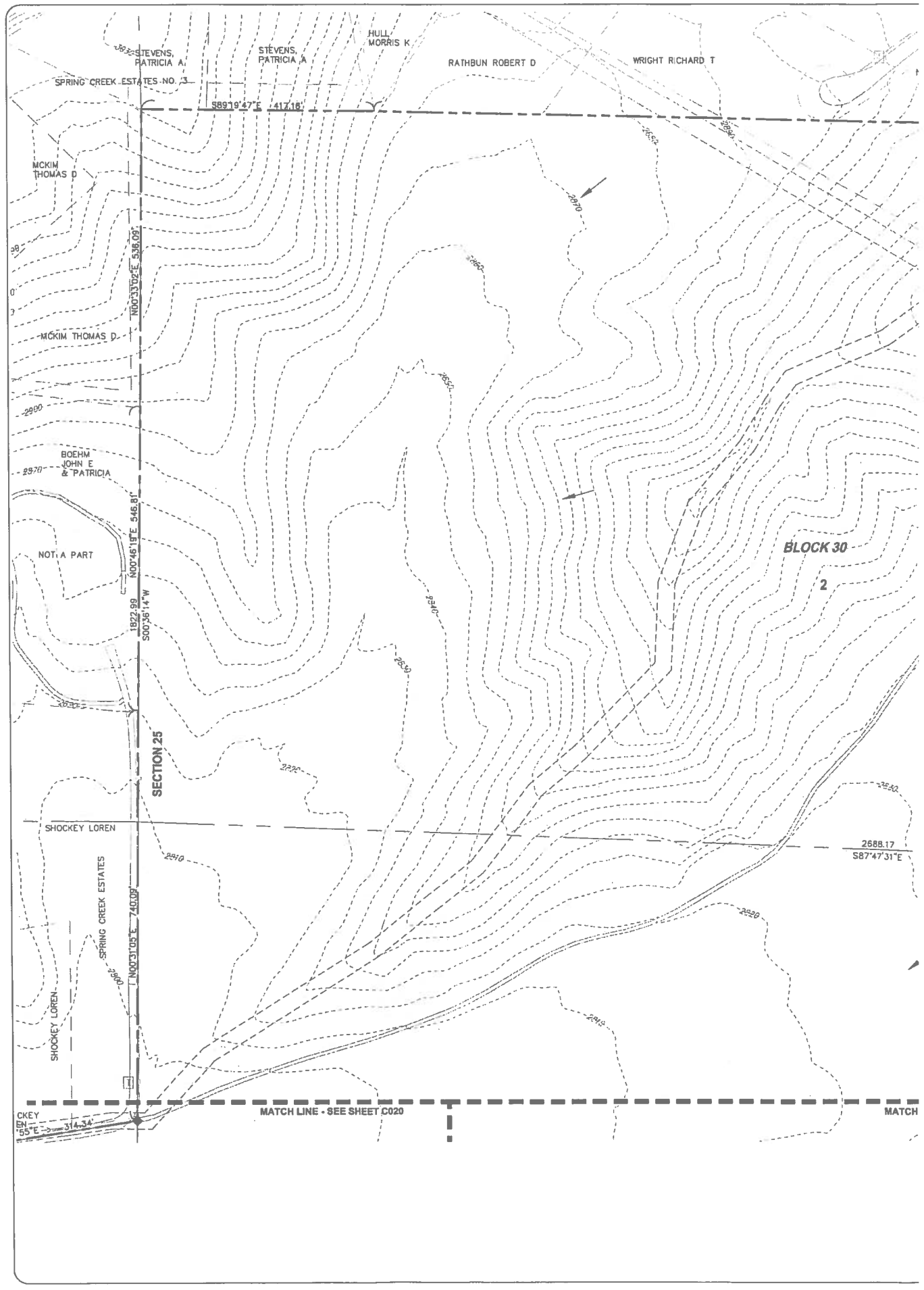
JMM DRY CREEK, LLC.

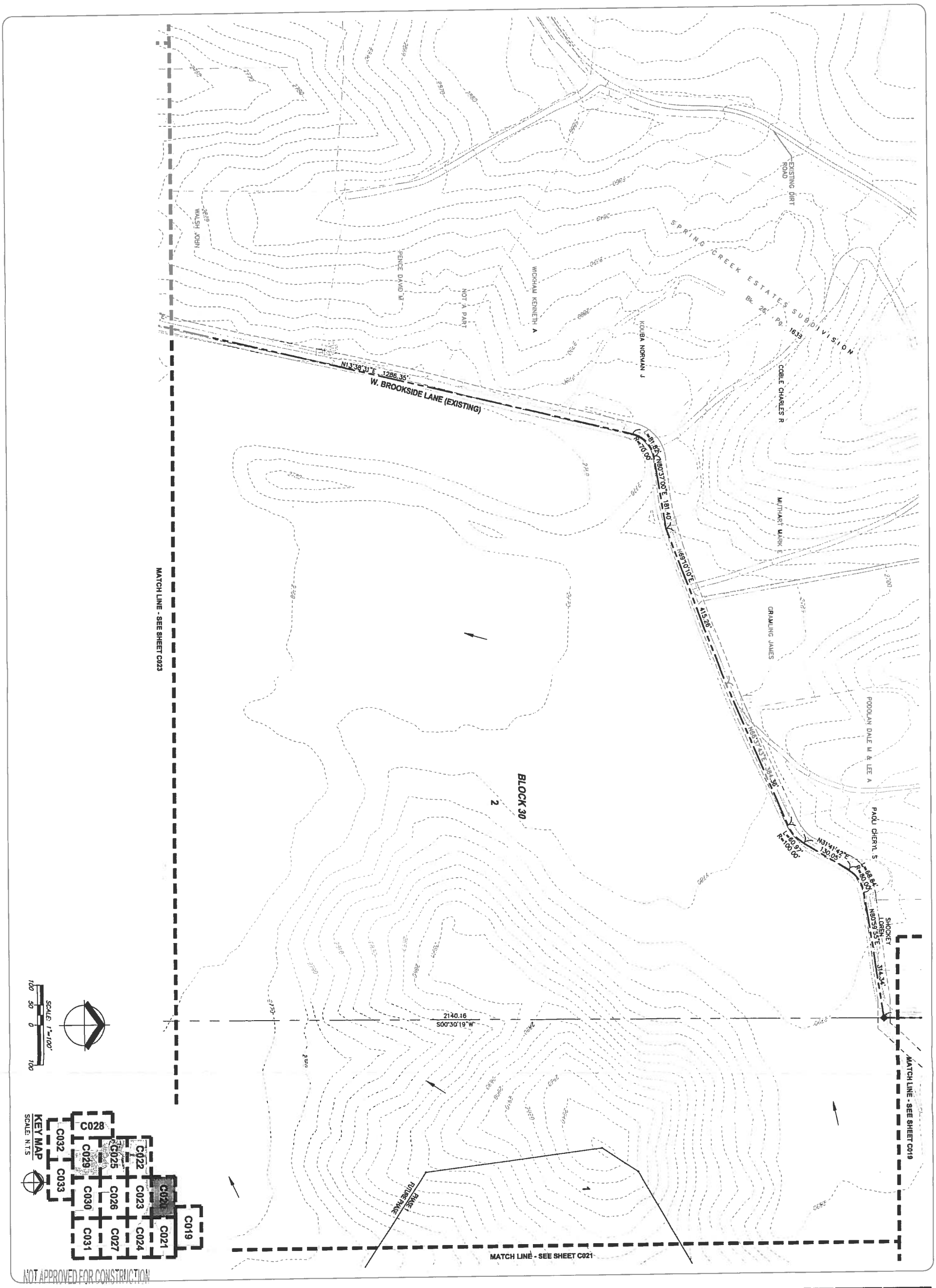
Ada County, Idaho

1 REVISED PLAN PER COUNTY COMMENTS 08-04-2007
2 REVISED PLAN PER COUNTY COMMENTS 01-15-2008

PROFESSIONAL ENGINEER REGISTERED 11868 STATE OF IDAHO DAVID J. MELDRUM 7/16/08

W R G DESIGN INC.
1173 E. Winding Creek Drive Eagle, ID 83616
Tel. 208.246.8300 Fax. 208.246.8320
PLANNERS • ENGINEERS • LANDSCAPE ARCHITECTS • SURVEYORS


STEVENS, PATRICIA A.
STEVENS, PATRICIA A
HULL, MORRIS K
RATHBUN ROBERT D
WRIGHT RICHARD T
SPRING CREEK ESTATES NO. 3
S89°19'47"E 417.16'
MCKIM THOMAS D
N00°33'02"E 536.09'
MCKIM THOMAS D.
BOEHM JOHN E & PATRICIA
NOT A PART
N00°45'11"E 546.81'
S00°26'44"W 1829.99'
BLOCK 30
2
SECTION 25
SHOCKEY LOREN
2688.17
S87°47'31"E
SPRING CREEK ESTATES
N00°31'05"E 740.09'
SHOCKEY LOREN
MATCH LINE - SEE SHEET C020
MATCH



NOT APPROVED FOR CONSTRUCTION

UTILITY PLAN
C020

PROJECT NO: LS5074.00
DATE: 05/15/07
DESIGNED BY: DJM/SLL
DRAWN BY: PZC
CHECKED BY: ABF/DJM

DRY CREEK MARCH

UTILITY PLAN

JEKER'S PLACE - PHASES 1 - 4

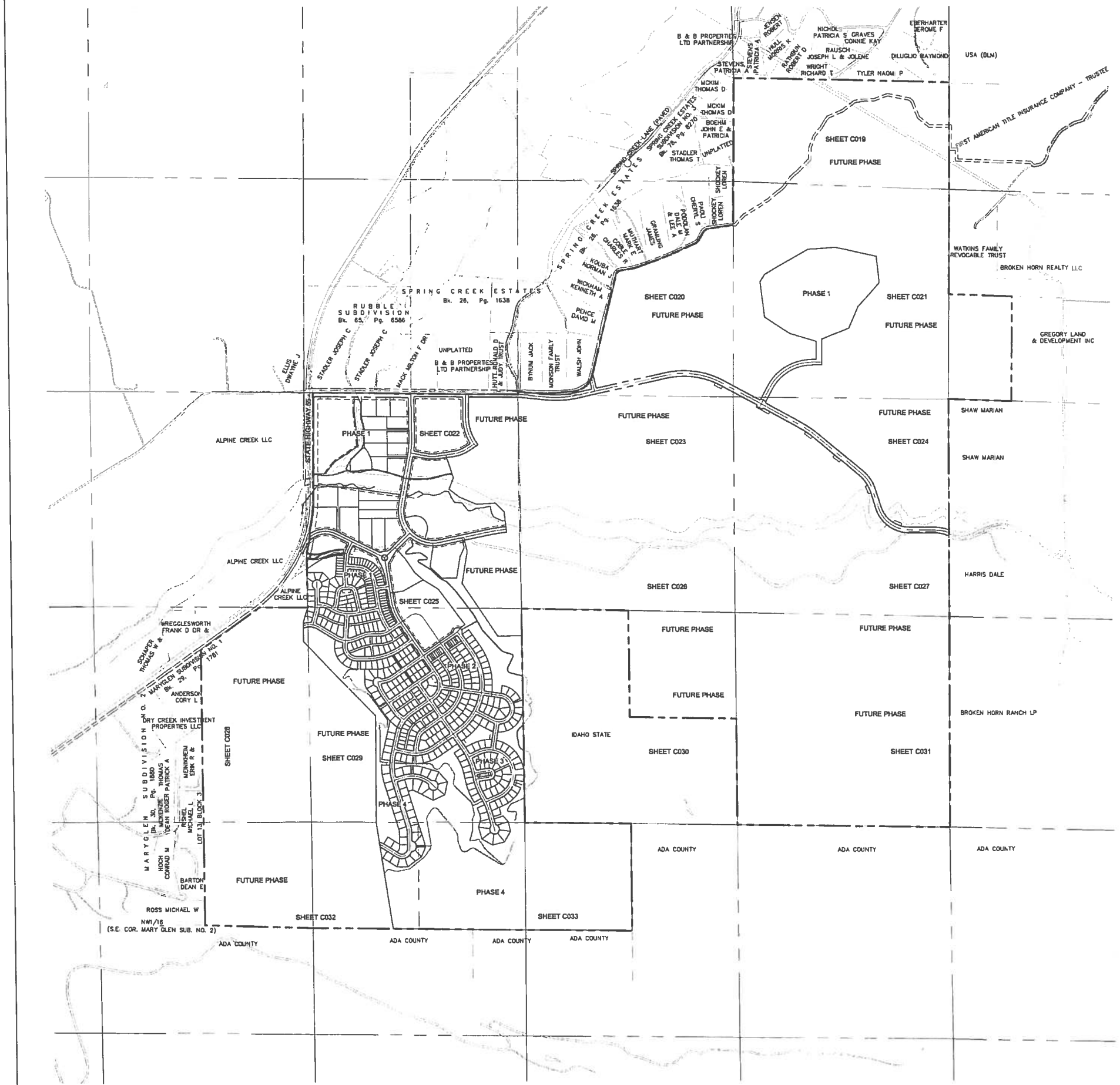
JMM DRY CREEK, LLC.

Ada County, Idaho

1 REVISED PLAN PER COUNTY COMMENTS 08-04-2007
4 REVISED PLAN PER COUNTY COMMENTS 01-15-2008

PROFESSIONAL ENGINEER
DAVID J. MELDRUM
11868
STATE OF IDAHO

W R G DESIGN INC.
1173 E. Winding Creek Drive Eagle, ID 83616
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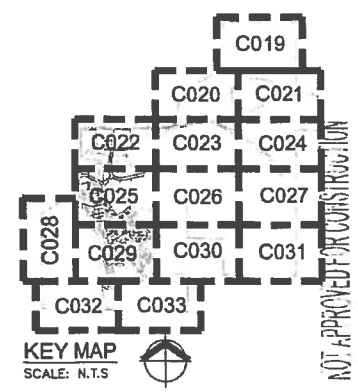
PROPOSED DEVELOPMENT LEGEND

- PROPOSED 2' CONTOUR
- PROPOSED 10' CONTOUR
- PHASE ONE BOUNDARY LINE
- BOUNDARY LINE
- CENTERLINE
- RIGHT-OF-WAY LINE
- CURB
- LOT LINE
- EASEMENT LINE
- SETBACK LINE
- WETLAND LIMITS
- UNDERGROUND WATER LINE
- FIRE HYDRANT
- WATER VALVE
- BLOW OFF ASSEMBLY
- SANITARY SEWER LINE
- SANITARY FORCE MAIN LINE
- STORM DRAINAGE LINE
- SANITARY SEWER MANHOLE
- CATCH BASIN
- STORM DRAIN MANHOLE
- SAND AND GREASE TRAP
- PRESSURIZED IRRIGATION LINE
- GRAVEL SURFACE
- SIDEWALK SURFACE
- PROPOSED SEEPAGE BED
- PROPERTY CORNER

EXISTING CONDITIONS LEGEND

- EXISTING 2' CONTOUR
- EXISTING 10' CONTOUR
- EXISTING RIGHT-OF-WAY LINE
- EXISTING ADJACENT LOT LINE
- EXISTING EASEMENT LINE
- EXISTING CENTER LINE
- EXISTING POWER LINE
- EXISTING FENCE LINE
- EXISTING DITCH LINE
- EXISTING CREEK CENTERLINE
- SECTION LINE
- SET BACK LINE
- EXISTING OVERHEAD WIRE
- SURFACE DRAINAGE DIRECTION
- EXISTING STRUCTURE HATCH
- FOUND 1/2" IRON PIN
- FOUND 5/8" IRON PIN
- FOUND BRASS OR ALUM. CAP MON.
- FOUND P.K. NAIL, RESET WITH 5/8" REBAR WITH PLASTIC CAP MARKED "WRG-PLS 11334"
- BRASS CAP ROW MONUMENT
- EXISTING TELEPHONE JUNCTION BOX
- EXISTING UTILITY POLE
- EXISTING GUY WIRE
- ELECTRICAL JUNCTION BOX
- EXISTING IRRIGATION BOX
- TELEPHONE RISER
- MONITORING WELL
- EXISTING WATER WELL / ARTESIAN OR PUMP
- CONIFEROUS TREE
- DECIDUOUS TREE

SCALE: 1"=600'
600 300 0 600



KEY MAP
SCALE: N.T.S

NOT APPROVED FOR CONSTRUCTION

WRG DESIGN INC.
1173 E. Winding Creek Drive Eagle, ID 83616
Tel. 208.246.8300 Fax. 208.246.8320
PLANNERS • ENGINEERS • LANDSCAPE ARCHITECTS • SURVEYORS

PROFESSIONAL ENGINEER REGISTERED 11868 STATE OF IDAHO DAVID J. MELORUM

REVISED PLAN PER COUNTY COMMENTS 08-04-2007
REVISED PLAN PER COUNTY COMMENTS 08-30-2007
REVISED PLAN PER COUNTY COMMENTS 01-15-2008

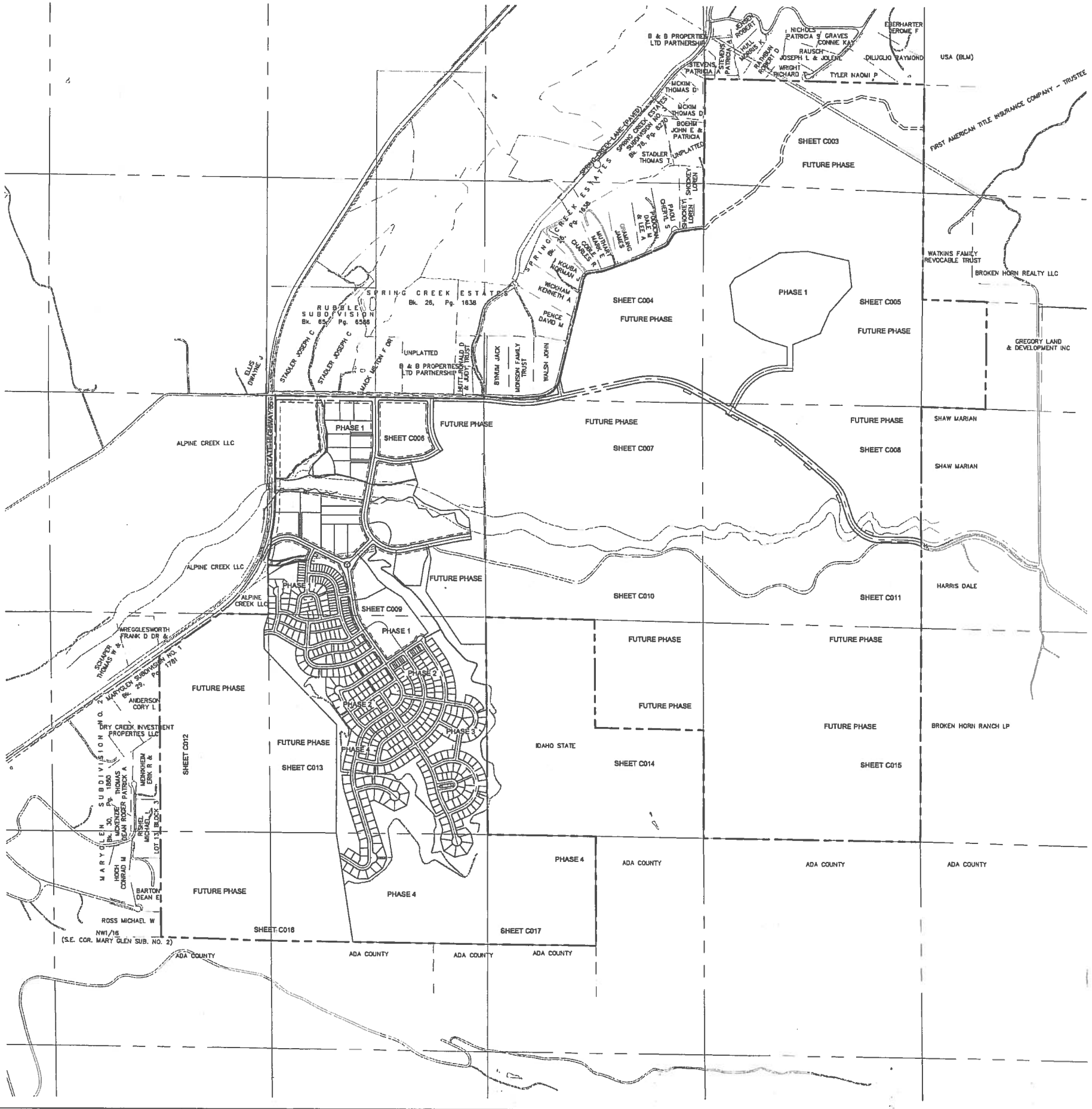
SHEETS 1 - 4

UTILITY PLAN - OVERALL
JEKER'S PLACE - PHASES 1 - 4
JMM DRY CREEK, LLC.
Ada County, Idaho

DRY CREEK RANCH

PROJECT NO.	LBI5074.00
DATE:	05/15/07
DESIGNED BY:	DJM/SLL
DRAWN BY:	PZC
CHECKED BY:	ABF/DJM

UTILITY PLAN
C018



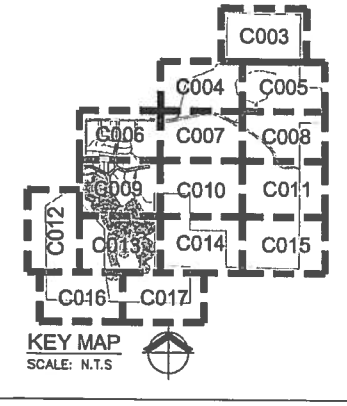
PROPOSED DEVELOPMENT LEGEND

- PROPOSED 2' CONTOUR
- PROPOSED 10' CONTOUR
- PHASE ONE BOUNDARY LINE
- BOUNDARY LINE
- CENTERLINE
- RIGHT-OF-WAY LINE
- CURB
- LOT LINE
- EASEMENT LINE
- SETBACK LINE
- WETLAND LIMITS
- W — UNDERGROUND WATER LINE
- FIRE HYDRANT
- WATER VALVE
- BLOW OFF ASSEMBLY
- SS — SANITARY SEWER LINE
- FM — SANITARY FORCE MAIN LINE
- SD — STORM DRAINAGE LINE
- SANITARY SEWER MANHOLE
- CATCH BASIN
- STORM DRAIN MANHOLE
- SAND AND GREASE TRAP
- PRESSURIZED IRRIGATION LINE
- GRAVEL SURFACE
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- PROPOSED SEEPAGE BED
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EXISTING CONDITIONS LEGEND

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- BRASS CAP ROW MONUMENT
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- EXISTING GUY WIRE
- ELECTRICAL JUNCTION BOX
- EXISTING IRRIGATION BOX
- TELEPHONE RISER
- MW — MONITORING WELL
- W — EXISTING WATER WELL / ARTESIAN OR PUMP
- CONIFEROUS TREE
- DECIDUOUS TREE

SCALE: 1"=600'
600 300 0 600



KEY MAP
SCALE: N.T.S

W R G
D E S I G N I N G
1173 E. Winding Creek Drive Eagle, ID 83616
Tel: 208.246.8300 Fax: 208.246.8320
PLANNING • ENGINEERING • LANDSCAPE ARCHITECTS • SURVEYING

BOUNDARY CERTIFICATION

REVISED PLAN PER COUNTY COMMENTS 08-04-2007
REVISED PLAN PER COUNTY COMMENTS 09-30-2007
REVISED PLAN PER COUNTY COMMENTS 01-15-2008

PRELIMINARY PLAT - OVERALL
JEKER'S PLACE - PHASES 1 - 4
JMM DRY CREEK, LLC.
Ada County, Idaho

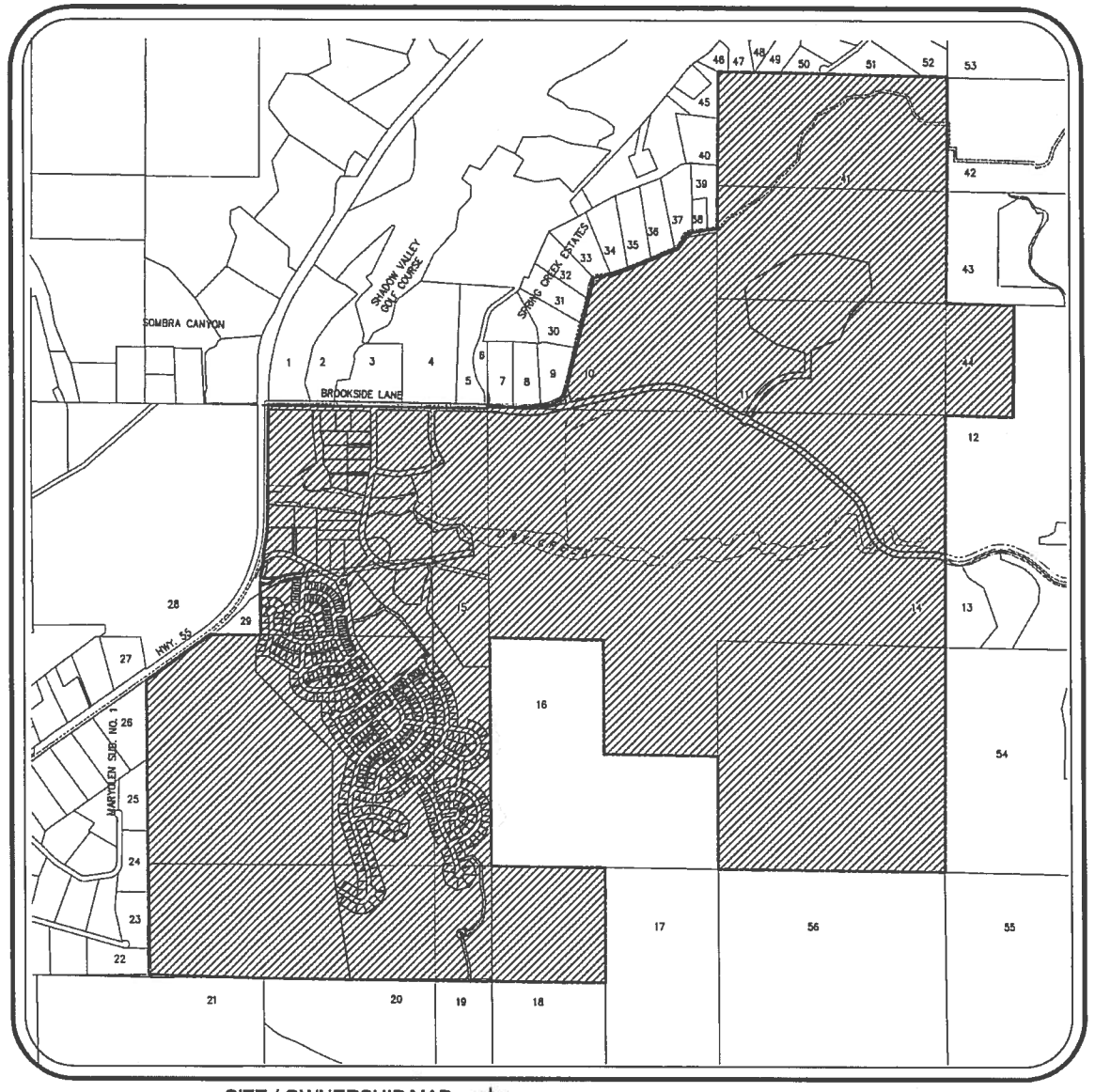
DRY CREEK RANCH

PROJECT NO.:	LBI5074.00
DATE:	05/15/07
DESIGNED BY:	DJM/SLL
DRAWN BY:	PZC
CHECKED BY:	ABF/DJM

PRELIMINARY PLAT
C002

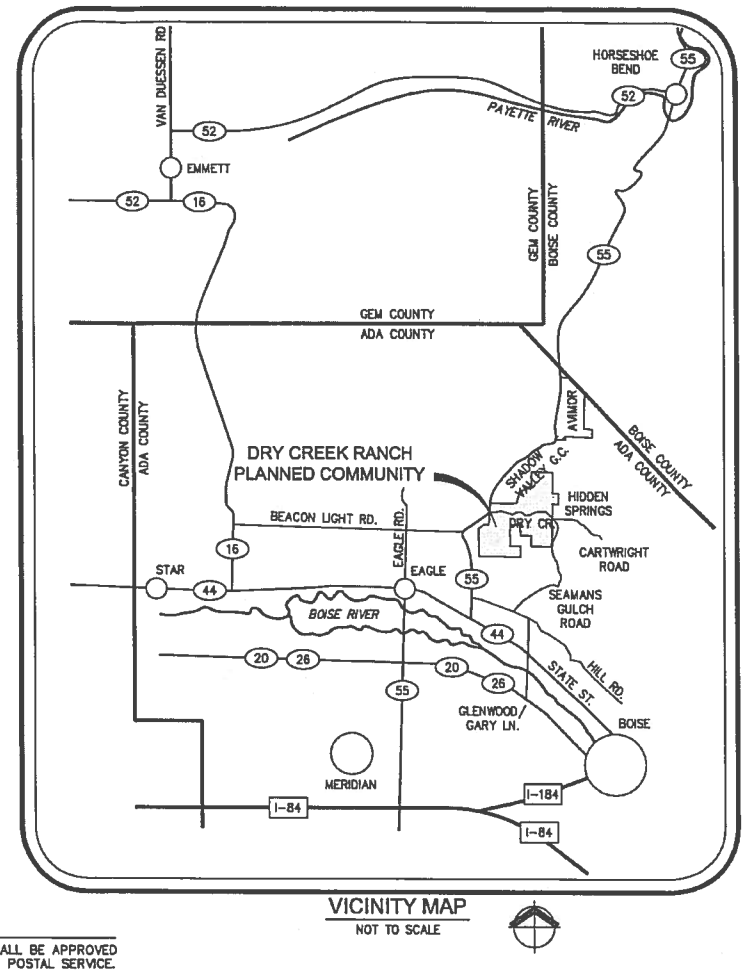
JEKER'S PLACE PHASES 1-4

A PARCEL OF LAND SITUATE IN SECTIONS 25, 35 & 36 OF T.5N., R.1E., B.M.; GOVERNMENT LOT 4 OF SECTION 1, GOVERNMENT LOTS 1, 2 & 3 OF SECTION 2, T.4N., R.1E., B.M., AND GOVERNMENT LOT 4 OF SECTION 30, T.5N., R.2E., BOISE MERIDIAN, ADA COUNTY, IDAHO
2008



SITE / OWNERSHIP MAP

SCALE: 1" = 900'



VICINITY MAP

NOT TO SCALE

NOTES:

1. THIS PRELIMINARY PLAT IS SUBJECT TO THE DRY CREEK RANCH ZONING ORDINANCE AND ALL APPROVED AMENDMENTS AT THE TIME OF PRELIMINARY PLAT APPROVAL.

2. THE APPLICANT SHALL MEET THE APPROVED DEVELOPMENT REQUIREMENTS SET FORTH IN THE DRY CREEK RANCH PLANNED COMMUNITY LAND USE APPROVAL.

3. ALL STREETS SHALL BE DEDICATED TO THE ADA COUNTY HIGHWAY DISTRICT (ACHD) AS PUBLIC RIGHT-OF-WAY. ALLEYS MAY BE DEDICATED TO ACHD OR PLATTED AS PRIVATE. PUBLIC STREET AND ALLEY CONSTRUCTION SHALL CONFORM TO ACHD DESIGN STANDARDS UNLESS OTHERWISE AGREED WITH ACHD.

4. ALL RESIDENTIAL AND COMMON LOTS ADJACENT TO PUBLIC RIGHT-OF-WAY WITH SIDEWALKS ALONG THEIR FRONTAGE SHALL HAVE THE SIDEWALK REMAIN IN THE RIGHT-OF-WAY.

5. AN EASEMENT FOR ACCESS AND USE IS RESERVED FOR THE RESIDENTS OF DRY CREEK RANCH AND FOR THE GENERAL PUBLIC ACROSS ALL TRAILS AND PATHWAYS.

6. THE FINAL LOCATION OF PUBLIC ACCESS TRAILS IS SUBJECT TO CHANGE DURING FINAL DESIGN. TRAIL LOCATIONS MAY BE MODIFIED BASED ON FINAL GRADING, FIELD LOCATED ALIGNMENTS, INDIVIDUAL SITE DESIGN OF LOTS REQUIRING A TRAIL CROSSING, OR OTHER FACTORS REQUIRING DESIGN FLEXIBILITY.

7. ALL COMMON LOTS SHALL BE SUBJECT TO A PUBLIC UTILITY AND PRIVATE UTILITY EASEMENT OVER THEIR LOT FRONTAGE ADDITIONAL UTILITY EASEMENTS MAY BE GRANTED ACROSS COMMON LOTS AS NEEDED.

8. ALL RESIDENTIAL LOTS SHALL BE SUBJECT TO A 10' WIDE PUBLIC UTILITY EASEMENT (P.U.E.) ALONG THEIR LOT FRONTAGE.

9. ACHD AND ADA COUNTY ARE THE RECOGNIZED PUBLIC DRAINAGE AUTHORITIES FOR THE PROJECT. FINAL DESIGN OF STORM WATER FACILITIES IS SUBJECT TO REVIEW AND APPROVAL BY ACHD AND ADA COUNTY. (6)

10. STORM DRAINAGE INFILTRATION AND DETENTION FACILITY SIZES ARE PRELIMINARY AND SUBJECT TO CHANGE DURING FINAL DESIGN. DETENTION FACILITIES SHALL BE DESIGNED TO RELEASE DRAINAGE AT PRE-DEVELOPMENT RATES FOR THE 25 AND 100 YEAR DESIGN STORMS PER ACHD.

11. ALL RESIDENTIAL LOTS SHALL HAVE A MINIMUM 3' WIDE PROPERTY DRAINAGE EASEMENT ON EITHER SIDE OF INTERIOR SIDE LOT LINES WITH THE EXCEPTION OF ATTACHED (ZERO-LOT LINE) LOTS.

12. SANITARY SEWER COLLECTION AND TREATMENT SHALL BE PROVIDED BY A PRIVATE SEWER SYSTEM.

13. BLOCK 30, LOT 2 AND BLOCK 14, LOT 1 SHALL BE CONVEYED TO THE PRIVATE SEWER SYSTEM FOR USE AS A SANITARY SEWER TREATMENT AND DISPOSAL SITE.

14. NO PORTION OF LANDS INCLUDED IN THIS PRELIMINARY PLAT ARE LOCATED WITHIN THE BOUNDARIES OF AN EXISTING IRRIGATION ENTITY.

15. IMPROVED COMMON & RESIDENTIAL LOTS LOCATED IN LOWEST PRESSURE ZONE MAY BE IRRIGATED FROM POTABLE WATER SOURCES AND /OR A TREATED EFFLUENT BASED IRRIGATION SYSTEM.

16. RESIDENTIAL LOTS LOCATED IN UPPER PRESSURE ZONES WILL BE IRRIGATED FROM POTABLE WATER SOURCES.

17. POTABLE DOMESTIC WATER SERVICES AND MAINS WILL BE PROVIDED BY UNITED WATER IDAHO. AN EASEMENT SHALL BE PROVIDED ON BLOCK 14, LOT 5B AND SHALL BE PROVIDED TO UNITED WATER FOR THE PURPOSE OF CONSTRUCTING AND OPERATING A DOMESTIC WATER STORAGE RESERVOIR.

18. FIRE HYDRANT SPACING AND LOCATIONS SHALL BE APPROVED BY THE EAGLE FIRE DISTRICT. FIRE DEPARTMENT ACCESS ROADS AND ON-STREET PARKING SHALL REQUIRE FIRE DISTRICT APPROVAL.

19. ARCHAEOLOGICAL STUDIES BY URS CORP. HAVE CONCLUDED THAT NO SIGNIFICANT ARCHAEOLOGICAL OR HISTORICAL SITES REQUIRE PROTECTION ON THE PROJECT SITE.

20. A CENTRALIZED MAIL DELIVERY SYSTEM SHALL BE APPROVED BY AND MEET THE REQUIREMENTS OF THE U.S. POSTAL SERVICE.

21. COMMON LOTS ARE TO BE OWNED AND MAINTAINED BY THE DRY CREEK RANCH PROPERTY OWNER'S ASSOCIATION, INC.

22. DRY CREEK RANCH PLANNED COMMUNITY IS SUBJECT TO DEVELOPMENT AGREEMENT #_____ RECORDED AS INSTRUMENT #_____

23. NON-RESIDENTIAL DEVELOPMENT IS SUBJECT TO THE MASTER SITE PLAN APPROVAL PROCESS.

24. THIS DEVELOPMENT RECOGNIZES IDAHO CODE 22-4503, RIGHT TO FARM ACT, WHICH STATES "NO AGRICULTURAL OPERATION OR AN APPURTENANCE TO IT SHALL BE OR BECOME A NUISANCE, PRIVATE OR PUBLIC BY ANY CHANGED CONDITIONS IN OR ABOUT THE SURROUNDING NON-AGRICULTURAL ACTIVITIES AFTER THE SAME HAS BEEN IN OPERATION FOR MORE THAN ONE (1) YEAR, WHEN THE OPERATION BEGAN; PROVIDED THAT THE PROVISIONS OF THIS SECTION SHALL NOT APPLY WHENEVER A NUISANCE RESULTS FROM THE IMPROPER OR NEGLIGENT OPERATION OF ANY AGRICULTURAL OPERATION OR APPURTENANCE TO IT."

25. LOTS 1 THROUGH 24 OF BLOCK 1 ARE SUBJECT TO A CROSS-ACCESS AGREEMENT AT TIME OF FINAL PLAT.

26. THE FOLLOWING LOTS ARE INTENDED FOR ALLEY, UTILITIES, LANDSCAPING, PARKS, OR OTHER OPEN SPACE: LOTS 2 & 12 OF BLOCK 1, LOTS 2 & 4 OF BLOCK 3, LOT 1 OF BLOCK 4, LOT 1 OF BLOCK 5, LOTS 1, 3 & 24 OF BLOCK 6, LOT 1 OF BLOCK 7, LOT 9 OF BLOCK 8, LOT 1 OF BLOCK 9, LOT 8 OF BLOCK 10, LOT 6 OF BLOCK 11, LOTS 12, 17, 22 & 54 OF BLOCK 12, LOTS 1, 4, 9, 15, & 24 OF BLOCK 13, LOTS 1, 2, 24, & 58 OF BLOCK 14, LOTS 1 & 6 OF BLOCK 15, LOT 5 OF BLOCK 16, LOT 1 OF BLOCK 17, LOT 9 OF BLOCK 18, LOT 8 OF BLOCK 19, LOT 5 OF BLOCK 20, LOTS 1, 11 & 18 OF BLOCK 21, LOT 8 OF BLOCK 22, LOT 8 OF BLOCK 25, LOT 7 OF BLOCK 26, LOT 1 OF BLOCK 27, LOT 1 OF BLOCK 28, LOT 1 OF BLOCK 29, LOTS 1 & 2 OF BLOCK 30, AND LOT 1 OF BLOCK 31.

OWNER / APPLICANT

JMM DRY CREEK, LLC
CONTACT: MIKE CHERNINE
5275 S. DURANGO DRIVE
LAS VEGAS, NV 89113-0159
(702) 851-3999 (PHONE)
(702) 851-3998 (FAX)

PLANNER / CONTACT

WRG DESIGN, INC.
CONTACT: ASHLEY FORD
1173 E. WINDING CREEK DRIVE
EAGLE, ID 83616
(208) 246-8300 (PHONE)
(208) 246-8320 (FAX)

ENGINEER

WRG DESIGN, INC.
CONTACT: DAVID MELDRUM, PE
1173 E. WINDING CREEK DRIVE
EAGLE, ID 83616
(208) 246-8300 (PHONE)
(208) 246-8320 (FAX)

PROJECT DATA TABLES:

TOTAL PROJECT	AREA (ACRES)	LOTS
ENTIRE DEVELOPMENT	1,414.67	517
FUTURE DEVELOPMENT	1,033.20	3
GROSS	381.47	514
ROW AND ALLEYS	55.22	9
OPEN SPACE/LANDSCAPE EASEMENTS	158.85	32
NET	167.60	473

PHASES 1 - 4:

RESIDENTIAL PROJECT DATA	S.F. LOW HILLSIDE DENSITY	S.F. MEDIUM DENSITY	TOTAL
TOTAL LOTS	351	118	469
RESIDENTIAL LOTS	331	112	443
OPEN SPACE LOTS	13	4	17
ALLEY LOTS	7	2	9
GROSS ACRES	79.68	21.88	101.56
RIGHT OF WAY ACRES	21.94	7.17	29.11
OPEN SPACE ACRES	1.41	1.58	2.99
ALLEY ACRES	1.85	0.43	2.28
NET ACRES	54.48	12.70	67.18
GROSS DENSITY	4.15	5.12	4.36
NET DENSITY	6.08	8.82	6.59

MIXED-USE PROJECT DATA	MIXED-USE	COMMERCIAL	INSTITUTIONAL	VILLAGE CENTER	MULTI-FAMILY	UTILITIES	TOTAL
TOTAL LOTS	23	2	1	2	1	2	31
OPEN SPACE LOTS	1	0	0	0	0	0	1
DEVELOPABLE LOTS	22	2	1	2	1	2	30
ESTIMATED FUTURE DWELLING UNITS	100	N/A	N/A	133	170	N/A	403
APPROXIMATE BUILDING SQ. FT. (NON-RESIDENTIAL)	324,000	142,700	N/A	182,700	N/A	N/A	849,400
GROSS ACRES	35.26	13.83	11.19	15.40	12.77	43.18	131.63
RIGHT OF WAY ACRES	4.57	1.39	1.03	2.81	2.97	11.06	23.83
LANDSCAPE BUFFER ACRES	2.78	1.58	0.64	0.91	1.29	0.18	7.38
NET ACRES	27.91	10.86	9.52	11.68	8.51	31.94	100.42
GROSS DENSITY	2.84	N/A	N/A	8.64	13.31	N/A	N/A
NET DENSITY	3.58	N/A	N/A	11.39	19.98	N/A	N/A

OPEN SPACE & RECREATION	NATURAL OPEN SPACE	PARK DISTRICT	TOTAL
OPEN SPACE LOTS	6	8	14
GROSS ACRES	125.98	22.32	148.28
TRAILS / PATHWAY (LF)	11,082	3,087	14,169
% OPEN SPACE OF PHASES 1-4 SITE	33.02%	5.85%	38.87%

ADJACENT OWNERS:

1 & 2 JOSEPH C STADLER, 9700 W BROOKSIDE LN, BOISE, ID 83714-9678

3 MILTON F MACK, 9600 W BROOKSIDE LN, BOISE, ID 83714

4 & 6 B&B PROPERTIES LTD PARTNERSHIP, 15711 HWY 55, BOISE, ID 83703

5 RONALD D & JUDY HUTT, 9070 W BROOKSIDE LN, BOISE, ID 83714-9642

7 JACK BYNUM, 9150 W BROOKSIDE LN, BOISE, ID 83703

8 MONSON FAMILY TRUST, 4404 E RHINE RIVER DR, NAMPA, ID 83686

9 JOHN WALSH, 14900 N SPRING CREEK LN, BOISE, ID 83714

10,11, 14,15, 41,44 JMM DRY CREEK LLC, 2301 N AKARD #200, DALLAS, TX 75201

12 MARIAN SHAW, 13975 N BROKEN HORN, BOISE, ID 83714

13 PLATT THOMPSON, 8283 W CREEKRUN WAY, BOISE, ID 83714

16 IDAHO STATE, 954 W JEFFERSON ST, BOISE, ID 83702

17, 18, 19, 20, 21, 55, & 56 ADA COUNTY, 200 W FRONT ST, BOISE, ID 83702

22 MICHAEL W ROSS, P.O. BOX 802, BOISE, ID 83701-0802

23 DEAN E BARTON, 10300 JANIE PL, BOISE, ID 83714

24 MICHAEL L RISHEL, 10235 W JAY RD, BOISE, ID 83714

25 ERIK R MEINIKHEIM, 10300 JAY ROAD, BOISE, ID 83714-9772

26 BITTERBRUSH RANCH LLC, 13340 N HORSESHOE BEND RD, BOISE, ID 83714

27 DR. FRANK D WREGGLESWORTH, 13361 HORSESHOE BEND RD, BOISE, ID 83714-9630

28 & 29 ALPINE CREEK LLC & 5529 W SCHOOL RIDGE RD, BOISE, ID 83714

DAVID M PENCE, 8688 W BROOKSIDE LANE, BOISE, ID 83703

31 KENNETH A WICKHAM, 14950 N SPRING CREEK LN, BOISE, ID 83703

32 NORMAN J KOUBA, 8660 W BROOKSIDE LN, BOISE, ID 83703-9677

33 CHARLES R COBLE, 8600 W BROOKSIDE LN, BOISE, ID 83703-9677

34 MARK E MUTHART, 8536 W BROOKSIDE LN, BOISE, ID 83703

35 JAMES M GRAMLING, 8464 W BROOKSIDE LN, BOISE, ID 83703

36 DALE M & LEE A PODOLAN, 8372 W BROOKSIDE LN, BOISE, ID 83703-9641

37 CHERYL S PAOLI, 8123 W BLACKBERRY CT, BOISE, ID 83709

38 LOREN SHOCKEY & 8200 W BROOKSIDE LN, 39 BOISE, ID 83703-9641

40 JOHN E & PATRICIA BOEHM, 8150 W BROOKSIDE LN, BOISE, ID 83703-9641

42 FIRST AMERICAN TITLE INSURANCE CO. - TRUSTEE, 4801 E WASHINGTON ST, PHOENIX, AZ 85034

43 WATKINS FAMILY REVOC. TRUST, 14899 N BROKEN HORN RD, BOISE, ID 83714

45 THOMAS D MCKIM, 2771 W CONIFER DR, EAGLE, ID 83616

46 PATRICIA A STEVENS & 3709 N HAWTHORNE DR, 47 BOISE, ID 83703

48 MORRIS K HULL, 7999 W STACK ROCK DR, BOISE, ID 83703

49 ROBERT D RATHBUN, 7935 W STACK ROCK DR, BOISE, ID 83703

50 RICHARD T WRIGHT, 7773 N BASIN WAY, BOISE, ID 83714

51 NAOMI P TYLER, 7756 BASIN WAY, BOISE, ID 83714

52 RAYMOND DILUGLIO, 7624 N BASIN WAY, BOISE, ID 83703

53 USA (BLM), 1387 S VINNELL WAY, BOISE, ID 83709

54 BROKEN HORN RANCH LP, 6417 W DRY CREEK RD, BOISE, ID 83714

WRG DESIGN, INC.
1173 E. Winding Creek Drive Eagle, ID 83616
Tel. 208.246.8300 Fax. 208.246.8320
PLANNERS • ENGINEERS • LANDSCAPE ARCHITECTS • SURVEYORS

BOUNDARY CERTIFICATION

REVISED PLAN PER COUNTY COMMENTS 11-28-2007
REVISED PLAN PER COUNTY COMMENTS 01-15-2008
REVISED PLAN PER COUNTY COMMENTS 02-04-2008 AND 02-19-2008
REVISED PLAN PER COUNTY COMMENTS 03-05-2008

COVER SHEET
JEKER'S PLACE - PHASES 1 - 4
JMM DRY CREEK, LLC.
Ada County, Idaho

PROJECT NO:	LBI5074.00
DATE:	05/15/07
DESIGNED BY:	DJM/SLL
DRAWN BY:	PZC
CHECKED BY:	ABF/DJM

COVER SHEET
C000

TO: **ADA COUNTY PLANNING AND ZONING COMMISSION**

HEARING DATE: May 22, 2008

STAFF: Bruce Wall

FILE NUMBER: **200600219 S-HD JEKER'S PLACE SUBDIVISION**

OWNER:
JMM Dry Creek, LLC
2301 North Akard, Suite 200
Dallas, TX 75201
(702) 851-3999

APPLICANT:
JMM Dry Creek, LLC
2301 North Akard, Suite 200
Dallas, TX 75201
(702) 851-3999

CONTACT:
Ashley B. Ford, Planning Project Manager
WRG Design, Inc.,
173 Winding Creek Drive
Eagle, ID 83616
(208) 246-8300

SUMMARY

200600219 S-HD JEKER'S PLACE RANCH SUBDIVISION: A Preliminary Plat and Hillside Development application for a proposed subdivision consisting of four phases to include 451 residential lots, 33 open space lots, 22 mixed use lots, 2 commercial lots, 1 institutional lot, 2 village center lots, and 1 multi-family lot. These phases contain 381.47 acres and are located east of Highway 55, generally south of Brookside Lane, and both north and south of Dry Creek Road. The property lies within portions of Sections 25, 35, and 36, Township 5 North, Range 1 East; Section 30, Township 5 North, Range 2 East; and Sections 1, and 2, Township 4 North, Range 1 East; Ada County, Idaho. The preliminary plat is being process concurrently with File Number 200600219-PC Dry Creek Ranch Planned Community. The approval of the preliminary plat will be contingent upon approval of File Number 200600219-PC.

This application is comprised of:

1. Preliminary Plat Application forms prepared and submitted by the applicant.
2. Hillside Development Application forms prepared and submitted by the applicant.
3. Preliminary Plat/Utilities Plat/Slope Analysis/Natural Features Analysis/Preliminary Grading Plan/Preliminary Street Profiles.
4. All other information contained in File Number 200600219 S-HD.

STAFF ANALYSIS

File Number 200600219 S-HD is a preliminary plat application, which is being processed concurrently with File Number 200600219-PC (Dry Creek Ranch Planned Community). The approval of the preliminary plat will be contingent upon approval of File Number 200600219-PC and is being evaluated for compliance with the proposed Dry Creek Ranch comprehensive plan and the proposed Dry Creek Ranch zoning ordinance. In compliance with Section 8-6A-1D of the Ada County Code, the applicant has included in the limits of the subdivision preliminary plat the full extent of the owner's contiguous parcels. Therefore, the submitted preliminary plat consists of a total of 517 lots on 1,414.67 acres. Three of those lots are designated as future development on 1,033.20 acres. The development area for phases 1 - 4 consists of 514 lots on 381.47 acres and encompasses the area shown as **Phase I** in the Dry Creek Ranch planned community phasing plan. The number of lots and acreage in each of the land use districts is as follows:

Land Use District	Acres	Developable Lots	Open Space Lots	Alley Lots	Total Lots
Single Family Low Hillside	79.68	331	13	7	351
Single Family Medium	21.88	112	4	2	118
Multi-Family	12.77	1	0	0	1
Mixed-Use	35.26	22	1	0	23
Commercial	13.83	2	0	0	2
Institutional	11.19	1	0	0	1
Village Center	15.40	2	0	0	2
Utilities	43.18	2	0	0	2
Natural Open Space	125.96	0	6	0	6
Parks	22.32	0	8	0	8
Totals	381.47	473	32	9	514

There are a total of 443 single-family residential lots proposed with this preliminary plat. The proposed Dry Creek Ranch zoning ordinance allows single-family detached dwellings, single-family attached dwellings, duplexes, townhouses, and multi-family dwellings including mansion-style apartments in these land use districts. Based upon

Sheet C001 of the preliminary plat, which specifies zero lot line lots, it is anticipated that there will be four dwelling units constructed as single-family attached dwellings and 67 dwelling units constructed as townhouse dwellings. It is anticipated that all other residential lots will be developed as single-family detached dwellings.

It is anticipated that there will be 170 dwelling units constructed on the multi-family lot. Master Site Plan approval is required for any multi-family development within the proposed Dry Creek Ranch planned community. The village center districts within the proposed Dry Creek Ranch planned community allow for either single-family or multi-family dwellings with gross densities of twelve (12) dwelling units per acre and above. It is anticipated that there will be 133 dwelling units constructed on the two village center lots. The mixed-use district within the proposed Dry Creek Ranch planned community allow for various single-family and multi-family residential uses with gross densities of twenty (20) dwelling units per acre and above. It is anticipated that there will be 100 dwelling units constructed on the 22 mixed-use lots. There are a total of 846 dwelling units proposed with this preliminary plat.

The mixed-use district within the proposed Dry Creek Ranch planned community allow for a wide range of commercial, office, retail, and residential uses. This district is intended to provide creativity and flexibility in planning and design of buildings and encourages both vertical and horizontal mixing of uses. It is anticipated that there will be 324,000 square feet of commercial space constructed on the 22 mixed-use lots.

The village center districts within the proposed Dry Creek Ranch planned community allows for either residential or mixed-use, combining residential with neighborhood-serving retail, office, or service uses allowing a variety of complementary and integrated uses in a compact, urban form. This district is intended to provide creativity and flexibility in planning and design of buildings and encourages both vertical and horizontal mixing of uses. It is anticipated that there will be 182,700 square feet of commercial space constructed on the two village center lots.

The commercial district within the proposed Dry Creek Ranch planned community allow for larger, higher intensive community commercial and regional commercial opportunities that will serve residents of the Dry Creek Ranch Planned Community and other surrounding developments. It is anticipated that there will be 142,700 square feet of commercial space constructed on the commercial lot.

There are a total of 649,400 square feet of commercial space proposed with this preliminary plat. Master Site Plan approval is required for any commercial development within the proposed Dry Creek Ranch planned community.

The institutional district within the proposed Dry Creek Ranch planned community allow for a public use, such as a religious building; library; public or private school; hospital; or government-owned or operated building, structure or land used for public purpose. It is anticipated that there will be an elementary school located on the institutional lot. Maste Site Plan approval is required for schools within the proposed Dry Creek Ranch planned community.

Access to Jeker's Place on the west end of the subdivision will be Highway 55 at Brookside Lane and Highway 55 at Dry Creek Road. Access on the east end will be Dry Creek Road. The applicant has submitted a traffic study that indicates that significant improvements need to be made to Highway 55 at build out of the Dry Creek Ranch planned community. The interim mitigation plan is to widen the intersection of Brookside Lane with Highway 55 and install a temporary traffic signal. The Dry Creek Ranch planned community plans to fully fund the intersection and signal improvements.

A comment letter from Idaho Transportation Department, dated March 31, 2008 states, "We have no comment on the rezone portion of this application. Concerning the preliminary Plat portion of this application, a SH 55 Corridor Study (funded by the development community) is in progress. Tier 2 of this study addresses mitigation of roadway needs in the area. We would like to request that Ada County Development Services delay consideration of the preliminary plat portion of the notice until such time that all concerned parties are in agreement to a schedule and phasing plan of the necessary roadway improvements based on recommended mitigation of the Tier 2 portion of the SH-55 Corridor Study."

The Ada County Highway District held a public hearing for the Dry Creek Ranch planned community on May 7, 2008. A comment letter from the Ada County Highway District has not yet been received.

Condition of approval number 22 requires that the applicant/developer must provide or fund road improvements in accordance with Idaho Transportation Department and Ada County Highway District requirements prior to the recording of the initial plat.

As evidenced in the record, the Idaho State Historical Society has provided comments on the proposed development in a letter dated March 25, 2008. The Historical Society request that a qualified archaeologist monitor initial ground disturbing activities and that if archaeological remains are discovered at any time during excavation or construction activities, all work halt and the archaeological remains be protected from disturbance until the Idaho State Historical Preservation Office evaluates them.

As evidenced in the record, the Idaho Department of Lands has responded that State endowment lands are not public lands or "open space"; as such no trails can be approved on the endowment land as shown on the preliminary plat. The Department of Lands also request that a 50' wide access be provided from Jeker's Place into the adjacent State Land (See Exhibit 23).

The Intermountain Gas Company has responded in a letter received by Ada County Development Services on April 10, 2008 that they require a 5' minimum utility easement along the interior lot lines and a 10' minimum utility easement along all right of ways or private drives (See Exhibit 18).

Portions of the proposed development contain steep slopes greater than fifteen percent (15%). The proposed development is subject to the Hillside Overlay District set forth in Article 8-3H of the Ada County Code. The applicant and/or owner have submitted a hillside development application and report in accord with Section 8-3H-3 of the Ada County Code. The Ada County Engineer has reviewed the submitted hillside

development report and recommends approval of the preliminary hillside grading plan (See Exhibit 10).

Jeker's Place is located within the Wildland-Urban Fire Interface (WUFI) overlay district. The applicant submitted with the preliminary plat application a zoning map amendment application to remove phase I of the Dry Creek Ranch planned community from the WUFI overlay district. The applicant withdrew that application in a letter dated March 17, 2008 and then submitted a fire and vegetation management plan that evaluates the fire hazard severity, fuel loading, and requirements for fire resistance rated construction. However, the fire plan omits an evaluation of emergency access roads by a fire protection engineer. Condition of approval number 4 requires an evaluation of emergency access roads by a fire protection engineer. The plan also omitted several items required by Ada County Code Subsection 8-3B-3C. Condition of approval number 4 requires that a complete fire protection plan be submitted and approved prior to the issuance of the initial grading permit.

Portions of the proposed development are located in the Flood Hazard Overlay District. The development footprint will be kept outside of the floodplain and wetlands boundaries, avoiding any impact to the extent possible. The only exception will be the proposed road and trail crossings over Dry Creek and Spring Valley Creek. All crossings will require a floodplain application and must comply with the regulations of the Flood Hazard overlay district. As conditioned in condition of approval number 21, all tributary floodways must be determined before recording of the final plat and notification be provided to prospective buyers that the property is within a floodplain, tributary floodway or alluvial fan by deed restriction or other similar method.

The proposed development is within the Dry Creek Ranch Planned Community; therefore the Dry Creek Ranch comprehensive plan, including the Dry Creek Ranch development plan and economic impact analysis, is the applicable comprehensive plan. The proposed development is consistent with the Dry Creek Ranch comprehensive plan.

RECOMMENDATION

Based upon Staff's review of the application, staff concludes that this application complies with Article 8-3B – *Wildland-Urban Interface Overlay District*; Article 8-3F – *Flood Hazard Overlay District*; and Article 8-3H – *Hillside Overlay District*. Staff also concludes this application complies with the Dry Creek Ranch comprehensive plan and Section 8-6-5 of the Ada County Code and recommends approval to the Planning and Zoning Commission as set out in the proposed Findings of Fact and Conclusions of Law attached hereto.

The Planning and Zoning Commission should consider the evidence and testimony presented during the public hearing prior to rendering a recommendation to the Board on this application.

EXHIBITS

Exhibit 1: Findings of Fact/Conclusions of Law. Pages 26.

Exhibit 2: Conditions of Approval. Pages 7.

Exhibit 3: Preliminary Plat application form received on Jan 12, 2007. Pages 3.

Exhibit 4: Hillside and Floodplain application form received on Jan 12, 2007. Pages 2.

Exhibit 5: Applicants letter dated August 16, 2006. Pages 2.

Exhibit 6: Dry Creek Ranch planned community phasing plan map. Pages 1.

Exhibit 7: Preliminary Plat. Pages 18.

Exhibit 8: Natural Features Analysis. Pages 9.

Exhibit 9: Memo from David Wells, Assistant County Engineer, dated February 22, 2008. Pages 1.

Exhibit 10: Memo from David Wells, Assistant County Engineer, dated March 18, 2008. Pages 1.

Exhibit 11: Letter to Bruce Wall, Ada County Development Services, from Cat Bell, Sue McDonald, and Clark Monson, dated March 26, 2008. Pgs. 2.

Exhibit 12: Letter to Bruce Wall, Ada County Development Services, from Cat Bell, dated March 27, 2008. Pages 1.

Exhibit 13: Memo to Bruce Wall, Ada County Development Services, Ken Sommer, Ada County Building Official, dated March 28, 2008. Pages 1.

Exhibit 14: Letter to Ada County Development Services from Idaho Transportation Department dated March 28, 2008. Pages 1.

Exhibit 15: Letter to WRG Design from URS Washington Division dated March 31, 2008. Pages 7.

Exhibit 16: Letter to Ada County Development Services from Idaho Transportation Department dated March 31, 2008. Pages 1.

Exhibit 17: Fire and Vegetation Management Plan for the Dry Creek Ranch Planned Community prepared by Environmental Conservation Services Inc., dated March 17, 2008. Pages 22.

Exhibit 18: Letter to Ada County Development Services, from Intermountain Gas Company. Pages 1.

Exhibit 19: Letter to Ada County Development Services, from Department of Environmental Quality dated April 11, 2008. Pages 4.

Exhibit 20: Letter to Bruce Wall, Ada County Development Services, from North Ada County Fire & Rescue District, dated April 16, 2008. Pages 1.

Exhibit 21: Letter to Bruce Wall, Ada County Development Services, from United States Fish and Wildlife Service, received April 18, 2008. Pages 1.

Exhibit 22: Review sheet from Central District Health Department, dated April 18, 2008. Pages 1.

Exhibit 23: Letter to Ada County Development Services from Idaho Department of Lands dated April 25, 2008. Pages 2.

Exhibit 24: Letter to Ada County Development Services from Idaho State Historical Society, dated April 29, 2008. Pages 1.

Exhibit 25: Letter to Ada County Development Services from Idaho State Historical Society, dated March 25, 2008. Pages 2.

EXHIBIT 1

BEFORE THE ADA COUNTY PLANNING & ZONING COMMISSION

In re: Application of JMM Dry Creek, LLC

File Number 200600219 S-HD - JEKER'S PLACE SUBDIVISION

FINDINGS OF FACT, CONCLUSIONS OF LAW AND ORDER

FINDINGS OF FACT

If any of these Findings of Fact are deemed Conclusions of Law, they are incorporated into the Conclusions of Law section.

A. The Planning and Zoning Commission finds that this application is comprised of:

1. Preliminary Plat Application forms prepared and submitted by the applicant.
2. Hillside Development Application forms prepared and submitted by the applicant.
3. Preliminary Plat including Utilities Plat, Slope Analysis, Natural Features Analysis, Preliminary Grading Plan, and Preliminary Street Profiles.
4. All other information contained in File Number 200600219 S-HD.

B. As to procedural items, the Commission finds the following:

1. On January 12, 2007, Ada County Development Services received application File Number 200600219 S-HD.
2. On April 4, 2008, staff accepted File Number 200600219 S-HD and scheduled the application for a public hearing before the Ada County Planning and Zoning Commission to be held on May 22, 2008.
3. On April 4, 2008, staff transmitted to the required agencies notifying them of the application and the scheduled hearing date. Agencies were invited to submit their comments in writing to Ada County Development Services.
4. Legal notice of the Commission's hearing was published in The Idaho Statesman on May 6, 2008.
5. Notices of the public hearing were posted on the site by May 7, 2008.

C. As to the project description, the Commission finds the following:

1. PROPOSED USES:

   Jeker's Place Subdivision Preliminary Plat application proposes residential uses, commercial uses, public uses, open space uses, and utilities on 514 lots.

2. PROPOSED STRUCTURES:

   Jeker's Place Subdivision will include: single-family detached and attached dwellings; multi-family dwellings; retail buildings; office buildings; public buildings

such as schools, fire station, library, and recreation center; mixed-use residential/commercial buildings; and a wastewater treatment plant.

3. PROPOSED SITE IMPROVEMENTS:

Jeker's Place Subdivision will include: a public water system provided by United Water, a wastewater treatment system to be built on site, electrical power service provided by Idaho Power, natural gas provided by Intermountain Gas Company, telephone and high-speed internet service provided by CTC Telecom, telephone and ISDN communication lines provided by Qwest Communications, on-site vehicular, bicycle and pedestrian circulation systems, park and ride lot(s), open space, trail/trailheads, and developed parks. Grading, slope stabilization, and revegetation of the hillside will be required as a component of the hillside development approval.

D. As to the site description, the Commission finds the following:

1. LOCATION:

The proposed Jeker's Place Subdivision is situated on approximately 1414 acres of land located east of Highway 55, generally south of Brookside Lane, then both north and south of Brookside Lane, and both north and south of Dry Creek Road. The property lies within portions of Sections 25, 35, and 36, Township 5 North, Range 1 East; Section 30, Township 5 North, Range 2 East; and Sections 1, and 2, Township 4 North, Range 1 East; Ada County, Idaho.

2. PARCEL NUMBERS:

S0130332000, S0225131200, S0225315000, S0225417200, S0225438400, S0235111100, S0235112106, S0235314805, S0236100000, S0236417200, S0501223000, S0502110500, and S0502121100.

3. OWNERSHIP:

JMM Dry Creek, LLC
2301 North Akard, Suite 200
Dallas, TX 75201
(702) 851-3999

4. SITE CHARACTERISTICS:

Property size: The site contains 1,414.9 acres. The current development area is 381.47 acres.

Existing structures: There is a single-family dwelling and various agricultural structures on the site.

Existing vegetation: The vegetation consists mostly of grasses, weeds, sagebrush and bitterbrush. The riparian area along Dry Creek and Spring Valley Creek contains cottonwoods and willows. The agricultural fields in the valley have primary been in alfalfa.

Slope: There are a variety of slopes throughout the proposed development. The slope is generally flat along the Dry Creek Valley floor and 25% greater slopes in the foothills. Approximately 42.8% of slopes are in the range of 0 to 8%, 11.8% of slopes are in the range of 8 to 15%, 17.9% of slopes are in the range of 15 to 25%, and 27.5% of slopes are greater than 25%.

Irrigation: The subject property is not located within an irrigation district. The property does have both surface and subsurface irrigation water rights. Much of the valley area is irrigated agriculture.

Drainage: The subject property has two significant drainage ways, Dry Creek and Spring Valley Creek. The property has approximately twelve irrigation ditches; all but three of these ditches eventually discharge into these two drainage ways.

Views: The existing view consists of the Boise foothills, agricultural land, the riparian areas of Dry Creek and Spring Valley Creek, and Highway 55.

E. As to current land use and zoning, the Commission finds the following:

Approximately half of the site is currently located in the Rural Residential (RR) District with the remainder located in the Rural Preservation (RP) District. The current land use is agricultural with a portion of the site in cultivated crops and a portion utilized for grazing. The Rural Residential District allows a residential density of one dwelling unit per 10 acres. The Rural Preservation District allows a residential density of one dwelling unit per 40 acres. The site is also located in the Wildland-Urban Fire Interface (WUFI) Overlay District, a portion of the site is located in the Hillside Overlay District, and a portion of the site is located in the Flood Hazard Overlay District.

F. As to surrounding land use and zoning, the Commission finds the following:

North: Residential and Recreational Uses, including Spring Creek Subdivision and Shadow Valley Golf Course (Rural Residential District with a portion in Rural Preservation District).

South: Public Uses, including the Ada County Landfill and additional land owned by Idaho State and Ada County (Rural Residential District and Rural Preservation District).

East: Residential Uses with some Agricultural Uses and Commercial Uses, including Hidden Springs Planned Community and various rural subdivisions (Rural Residential District, Rural Preservation District, and Planned Community District).

West: Residential Uses and Agricultural Uses, including Maryglen Subdivision (Rural Residential District and Rural-Urban Transition District).

G. As to existing services, the Commission finds the following:

Access Street and Designation:	Highway 55, a major arterial; Dry Creek Road, a minor arterial; and Brookside Lane, a local road.
Fire Protection:	Eagle Fire District and North Ada County Fire and Rescue District.
Sewage Disposal:	None exists, except an individual septic system for an existing dwelling.
Water Service:	None exists, except private domestic well for an existing dwelling.
Irrigation District:	None.
Drainage District:	None.

H. As to the applicable comprehensive plan, the Commission finds the following:

1. The proposed development resides within the proposed Dry Creek Ranch Planned Community; therefore the Dry Creek Ranch comprehensive plan, including the Dry Creek Ranch development plan and economic impact analysis, is the applicable comprehensive plan. As evidenced in the record, the proposed development is consistent with the Dry Creek Ranch comprehensive plan. The following goals, objectives, and policies are applicable to the proposed preliminary plat:

Goal 2.0: Recognize that Ada County's population will continue to grow and positively influence that growth.

Objective 2.1: Residential development will be permitted in Dry Creek Ranch to an expected population at build-out of approximately 10,700 people.

Policy 2.1-1: Permit development as allowed by the Dry Creek Ranch Land Use Map.

Finding: The Planning and Zoning Commission finds as evidenced in the record that Jeker's Place preliminary plat is consistent with Policy 2.1-1 because the applicant is proposing residential, mixed-use, multi-family, commercial, institutional, parks, utilities, and natural open space land use districts within Jeker's Place Subdivision, these land use districts correspond with the Dry Creek Ranch Comprehensive Plan Land Use Map.

Finding: The Planning and Zoning Commission finds as evidenced in the record that Jeker's Place preliminary plat is consistent with Policy 2.1-1 because the applicant is proposing trails within Jeker's Place Subdivision that correspond with the Dry Creek Ranch Master Trail Plan.

Policy 2.1-2: Any portion of Dry Creek Ranch that is developed as community facilities, parks and open space shall remain as such in perpetuity.

Finding: The Planning and Zoning Commission finds as evidenced in the record, and as conditioned, that Jeker's Place preliminary plat is consistent with Policy 2.1-2 because the applicant is proposing parks and open space that will remain as such in perpetuity. The Dry Creek Ranch Zoning Ordinances states that all open space lots in the "Park District" or "Natural Open Space District" must be dedicated open space protected by either a deed restriction

or a conservation easement prepared subject to the regulations of Idaho Code Section 55-2105. Condition of approval number 17 requires that a deed restriction or conservation easement be in place prior to approval of the final plat.

Objective 2.2: Encourage a balanced cross-section of population with Dry Creek Ranch.

Policy 2.2-1: Provide a variety of housing types as allowed by the Dry Creek Ranch Land Use Map and Dry Creek Ranch Zoning Ordinance.

Finding: The Planning and Zoning Commission finds as evidenced in the record, that Jeker's Place preliminary plat is consistent with Policy 2.2-1 because the applicant is proposing a mixture of lots for single-family detached dwellings, single-family attached dwellings, townhouse dwellings, and multi-family dwellings.

Goal 3.0: Provide for primary and secondary public education opportunities within Dry Creek Ranch.

Objective 3.1: Provide the opportunities for primary and secondary school sites to be located within Dry Creek Ranch.

Policy 3.1-1: In conjunction with local school districts, coordination of population and household projections will assist in the preservation of future school sites within Dry Creek Ranch.

Finding: The Planning and Zoning Commission finds as evidenced in the record, that Jeker's Place preliminary plat is consistent with Policy 3.2-1 because Lot 4, Block 14 is designated as institutional and as conditioned in condition of approval number 14, will be deeded to the Meridian School District.

Goal 4.0: With the population of growth of the Dry Creek valley, provide live, work, learn and play opportunities for Dry Creek Ranch residents which will in turn, spur economic growth.

Objective 4.1: Develop Dry Creek Ranch as a quality planned community that will be a long-term economic asset to the Treasure Valley.

Policy 4.1-1: Develop each plat within Dry Creek Ranch in accordance with the Dry Creek Ranch Land Use Map.

Finding: The Planning and Zoning Commission finds as evidenced in the record that Jeker's Place preliminary plat is consistent with Policy 4.1-1 because the applicant is proposing residential, mixed-use, multi-family, commercial, institutional, parks, utilities, and natural open space land use districts within Jeker's Place Subdivision, these land use districts correspond with the Dry Creek Ranch Land Use Map.

Policy 4.1-2: Ensure that transportation and other infrastructure is in place to support economic development activities.

Finding: The Planning and Zoning Commission finds as evidenced in the record that Jeker's Place preliminary plat is consistent with Policy 4.1-2 because the

applicant will improve the intersection of Brookside Lane and Highway 55 with a signalized intersection, and connect Brookside Lane to the existing Dry Creek Road connecting to the Hidden Springs planned community.

Finding: The Planning and Zoning Commission finds as evidenced in the record that Jeker's Place preliminary plat is consistent with Policy 4.1-2 because the preliminary plat for Jeker's Place Subdivision includes a public water system provided by United Water, a wastewater treatment system to be built on site, electrical power service provided by Idaho Power, natural gas provided by Intermountain Gas Company, telephone and high-speed internet service provided by CTC Telecom, telephone and ISDN communication lines provided by Qwest Communications, on-site vehicular, bicycle and pedestrian circulation systems, park and ride lot(s), open space, trail/trailheads, and developed parks.

Policy 4.1-6: Institute a mixed-use development concept, as opposed to the separation of land uses found in traditional zoning ordinances.

Finding: The Planning and Zoning Commission finds as evidenced in the record that Jeker's Place preliminary plat is consistent with Policy 4.1-6 because the applicant is proposing a mixed-use land use district and a village center land use district within Jeker's Place Subdivision. The Dry Creek Ranch zoning ordinance allows a wide range of commercial, office, retail, and residential uses within these districts that are intended to provide creativity and flexibility in planning and design of buildings and encourages both vertical and horizontal mixing of uses.

Policy 4.1-7: Commercial, office and retail will be provided near housing and consumers where suitable.

Finding: The Planning and Zoning Commission finds as evidenced in the record that Jeker's Place preliminary plat is consistent with Policy 4.1-7 because the preliminary plat places higher density housing near commercial centers. The Multi-family land use district is located in close proximity to the Village Center land use districts, the Commercial land use district, and the Mixed Use land use district. Furthermore, the Mixed Use land use district is expected to have 100 dwelling units mixed with civic, office, retail, public and quasi public use, and recreation in a compact, urban form; the Village Center land use district is expected to have 133 dwelling units mixed with office and retail in a compact, urban form. All of the residential lots are located within ¾ mile of the village center.

Goal 5.0: Ensure a variety and balance of land uses to support the Dry Creek Ranch Community.

Objective 5.1: Dry Creek Ranch will include a mix of housing types and densities to provide for a strong and diverse community.

Policy 5.1-2: Permit the subdivision of Dry Creek Ranch into the several lot types described on the Dry Creek Ranch Land Use Map.

Finding: The Planning and Zoning Commission finds as evidenced in the record, that Jeker's Place preliminary plat is consistent with Policy 5.1-2 because the applicant is proposing a mixture of lot types for single-family detached dwellings, single-family attached dwellings, townhouse dwellings, and multi-family dwellings consistent with the Dry Creek Ranch land use map.

Goal 6.0: Enhance and utilize our natural resources within the Dry Creek Valley.

Objective 6.1: Dry Creek Ranch will maintain the natural environmental qualities of the land, and air and water quality.

Policy 6.1-1: Develop plats in Dry Creek Ranch in accordance with the Dry Creek Ranch Land Use Map to protect steep slopes and floodways as defined per the Ada County Zoning Ordinance.

Finding: The Planning and Zoning Commission finds as evidenced in the record, that Jeker's Place preliminary plat is consistent with Policy 6.1-1 because the development footprint will be kept outside of the floodplain and wetlands boundaries, avoiding any impact to the extent possible. The only exceptions will be the proposed road crossings of Mercantile Way and Brookside Lane across Dry Creek, a trail crossing at Spring Valley Creek, and the widening of Brookside Lane across Spring Valley Creek. These road crossings will require a floodplain application and must comply with the regulations of the Flood Hazard overlay district as conditioned in condition of approval number 39.

Finding: The Planning and Zoning Commission finds as evidenced in the record, that Jeker's Place preliminary plat is consistent with Policy 6.1-1 because development on any portion of the property that is located within a foothill or other hillside tributary floodways as defined in section 8-3F-4 of the Ada County Code will require a floodplain application and must comply with the regulations of the Flood Hazard overlay district as conditioned in condition of approval number 39.

Finding: The Planning and Zoning Commission finds as evidenced in the record, that Jeker's Place preliminary plat is consistent with Policy 6.1-1 because the development footprint avoids slopes 25% and greater to the degree feasible. The Dry Creek Ranch zoning ordinance requires that any development on slopes greater than 15% must comply with the regulations of the Hillside overlay district and the hillside adaptive grading standards found in the Dry Creek Ranch zoning ordinance.

Finding: The Planning and Zoning Commission finds as evidenced in the record, that Jeker's Place preliminary plat is consistent with Policy 6.1-1 because Lot 2, Block 1 and Lot 2, Block 3 are designated as natural open space, the floodway of Spring Valley Creek and Dry Creek are within these lots. Condition of approval number 17 requires that a deed restriction or conservation easement be in place on these lots prior to approval of the final plat.

Finding: The Planning and Zoning Commission finds as evidenced in the record, that the Jeker's Place preliminary plat is consistent with Policy 6.1-1 because Lot 2, Block 14 is designated as a developed park, this lot is in an area with steep slopes and will be developed and preserved as a natural park.

Finding: The Planning and Zoning Commission finds as evidenced in the record, that the Jeker's Place preliminary plat is consistent with Policy 6.1-1 because Lot 3, Block 6; Lot 58, Block 14; Lot 24, Block 14; and Lot 54, Block 12; are designated as natural open space, these lots are in areas with steep slopes. Condition of approval number 17 requires that a deed restriction or conservation easement be in place on these lots prior to approval of the final plat.

Policy 6.1-2: Provide and maintain adequate open space for recreation, conservation and aesthetics.

Finding: The Planning and Zoning Commission finds as evidenced in the record, that the Jeker's Place preliminary plat is consistent with Policy 6.1-2 because the preliminary plat provides adequate open space for recreation, conservation, and aesthetics. The plat shows 6 lots in the Natural Open Space land use district, totaling 125.96 acres, which will be used for recreation, conservation, and aesthetics. Condition of approval number 17 requires that a deed restriction or conservation easement be in place on these lots prior to approval of the final plat. The plat shows 8 lots in the Parks land use district, totaling 22.32 acres, which will be used for recreation. The plat shows an additional 18 common lots (parks, trails, and landscaped areas) in other land use district, totaling 10.37 acres, which will be used for recreation and aesthetic.

Policy 6.1-4: Preserve steep slopes to enhance the feeling of open space.

Finding: The Planning and Zoning Commission finds as evidenced in the record, that the Jeker's Place preliminary plat is consistent with Policy 6.1-4 because the development footprint avoids slopes 25% and greater to the degree feasible. Much of the high ridges along the southern boundary will be dedicated as natural open space, so the natural view that exists will be preserved.

Objective 6.2: Dry Creek Ranch will adhere to the adopted Wildlife Mitigation Plan.

Policy 6.2-1: Construct plats in Dry Creek Ranch in accordance with the Dry Creek Ranch Land Use Map, which arranges uses and open space to protect wildlife corridors and habitat.

Finding: The Planning and Zoning Commission finds as evidenced in the record, that the Jeker's Place preliminary plat is consistent with Policy 6.2-1 because the development is in accordance with the Dry Creek Ranch land use map. Much of the high ridges along the southern boundary will be dedicated as natural open space and the riparian areas associated with Dry Creek and Spring Valley Creek will be dedicated as natural open space.

Goal 7.0: Protect Dry Creek Ranch residents, to the extent possible, from potential wildfires.

Objective 7.1: Minimize the threat and assist in the control of wildfires.

Policy 7.1-1: Enforce project, site and building wildfire design guidelines consistent with the Dry Creek Ranch Design Guidelines.

Finding: The Planning and Zoning Commission finds as evidenced in the record, that the Jeker's Place preliminary plat is consistent with Policy 7.1-1 because the proposed Jeker's Place Subdivision is located within the Wildland-Urban Interface overlay district and that all development will be reviewed for compliance with the requirements of Article 8-3B of the Ada County Code which provides standards for development within the Wildland-Urban Interface overlay district.

Finding: The Planning and Zoning Commission finds as evidenced in the record, that the Jeker's Place preliminary plat is consistent with Policy 7.1-1 because the proposed Jeker's Place Subdivision is located within the Wildland-Urban Interface overlay district and that all development will be reviewed for compliance with the requirements of Title 7, Chapter 2 of the Ada County Code which provides standards for construction within the Wildland-Urban Interface overlay district.

Policy 7.1-2: Provide appropriate vehicular accesses for fire and emergency vehicles.

Finding: The Planning and Zoning Commission finds as evidenced in the record, and as conditioned in condition of approval number 4, that the Jeker's Place preliminary plat is consistent with Policy 7.1-1 because condition of approval number 4 requires that prior to the issuance of the initial grading permit the applicant/developer must have the emergency access roads evaluated by a licensed Fire Professional Engineer to determine site-specific hazards and proper accessibility for emergency vehicles, and the applicant/developer must resubmit a fire protection plan prepared by a licensed Fire Professional Engineer to include a fire protection plan map showing the roadway, turnouts, turnarounds, terminus, and lots; required signage for turnouts, turnarounds and fire lane parking; required number and placement of turnouts based on development density and roadway width; and required road width or required interconnected system of roadways and fire accesses. The Eagle Fire District must review a copy of the fire protection plan.

Goal 8.0: Construct, expand and maintain Dry Creek Ranch's infrastructure to meet the existing and growing demands in a timely, orderly and logical manner.

Objective 8.1: Ensure that Dry Creek Ranch has all essential public services and mechanisms in place to maintain and operate such systems.

Policy 8.1-1: Require that all Dry Creek Ranch plats include the provision of water systems, wastewater collection and treatment, streets and sidewalks, telephone and other public services the developer deems appropriate.

Finding: The Planning and Zoning Commission finds that the Jeker's Place preliminary plat is consistent with Policy 8.1-1 for the following reasons:

- As conditioned in condition of approval number 9, prior to the approval of the final plat the applicant/developer must submit evidence demonstrating that the entire Planned Community has a guaranteed water supply and is within an approved service area.
- As conditioned in condition of approval number 10, prior to the approval of the final plat the applicant/developer must submit evidence demonstrating that the appropriate regulatory authorities have approved a management plan for accepting wastewater from the entire Planned Community.
- Ada County Highway District is required to sign the final plat prior to the plat being recorded; at that time they will be accepting all public streets, sidewalks, and other infrastructure that is within their jurisdiction.
- As conditioned in condition of approval number 36, telephone services and other public services must be installed prior to approval of the final plat.

Policy 8.1-2: For each Dry Creek Ranch plat, determine that all providers of essential public services are ready, willing and able to serve the proposed development.

Finding: The Planning and Zoning Commission finds that the Jeker's Place preliminary plat is consistent with Policy 8.1-2 because:

- As conditioned in condition of approval number 9, prior to the approval of the final plat the applicant/developer must submit evidence demonstrating that the entire Planned Community has a guaranteed water supply and is within an approved service area.
- As conditioned in condition of approval number 10, prior to the approval of the final plat the applicant/developer must submit evidence demonstrating that the appropriate regulatory authorities have approved a management plan for accepting wastewater from the entire Planned Community.
- Ada County Highway District is required to sign the final plat prior to the plat being recorded; at that time they will be accepting all public streets, sidewalks, and other infrastructure that is within their jurisdiction.
- As conditioned in condition of approval number 36, telephone services and other public services must be installed prior to approval of the final plat.
- As conditioned, in condition of approval number 10, the essential public service of fire safety and first-response emergency medical assistance will be appropriately provided and financed. In addition to substantial property tax revenues generated by the project, condition of approval

number 10 ensures the commitment of the developer/applicant to construct and/or fund fire service infrastructure deemed necessary for Dry Creek Ranch by the Eagle Fire District. This includes funding of a fire station, fire trucks, and three firefighters per three-shift day. The Eagle Fire District states in its letter of understanding to the developer/applicant that the details, timing and phasing of such fire service infrastructure construction is open to planning and negotiation. The applicant/developer has stated its commitment to fund necessary fire service infrastructure, and condition of approval number 10 provides assurance that both parties will adopt such an agreement.

- As conditioned, in conditions of approval number 11 & 12, the essential public service of emergency medical and life support is ensured provision in an appropriate manner, and financed in a self-sufficient manner. In addition to substantial property tax revenue generated by Dry Creek Ranch, condition of approval number 11 provides assurance that provision of service to Dry Creek Ranch will be financially sustainable by requiring an agreement to be negotiated and adopted by JMM Dry Creek, LLC that guarantees payment of per-household planned community emergency medical service fees. Furthermore, a commitment by the applicant/developer to provide a location within Dry Creek Ranch dedicated as a new Ada County Paramedics station is acknowledged, and condition of approval number 12 requires that an agreement with Ada County Paramedics must be adopted that ensures the dedicated station site at Dry Creek Ranch is provided to Ada County Paramedics in a manner that avoids negative fiscal impact for the district.

- As evidenced in the Dry Creek Ranch planned community application the essential public service of law enforcement is ensured provision in an appropriate manner and financed in a self-sufficient manner. The Sheriff's Office has a set standard level of service of one deputy for every 465 homes or approximately 1,000 people (Exhibit 5). Based on this level of service, the Sheriff has estimated the cost of providing one deputy to patrol a new planned community at $310.87 per house. For the 4,300 houses to be built at Dry Creek Ranch, the Sheriff would require 9.25 deputies and related necessary vehicles and equipment. The Ada County Sheriff's Office requires the applicant to pay a one-time fee of approximately $310 prior to the issuance of each residential building permit, to which the developer/applicant acknowledges its obligation to pay the stated patrol service fee.

- As conditioned in conditions of approval number 13 & 14 there is assurance that a high-degree of self-sufficiency will be demonstrated regarding appropriate public education service provision and finance for Dry Creek Ranch residents. Condition of approval number 13 guarantees the commitment of the applicant/developer to provide adequate land for two elementary school sites and a joint middle-school

and high-school facility as required by Meridian School District #2 ("Meridian School District") under financial terms so as not to cause negative fiscal impact to the school district. In addition, condition of approval number 14 provides assurance that the applicant/developer fulfill its commitment to purchase and donate an appropriate number of school buses as required by the Meridian School District.

- As conditioned in condition of approval number 15 there is assurance that a high-degree of self-sufficiency will be demonstrated regarding public library service provision and finance for Dry Creek Ranch residents. Condition of approval number 15 requires that in addition to significant property tax revenue generated by Dry Creek Ranch development the applicant / developer must provide adequate temporary library space during Dry Creek Ranch build-out with a flexible lease-rate structure such that the annual lease rate can be set at a discount to mitigate the risk of Ada Community Library shortfalls caused by Dry Creek Ranch development.

Policy 8.1-3: Utilities shall be located underground.

Finding: The Planning and Zoning Commission finds that Section 8-4A-21 of the Ada County Code, requiring all utilities be located underground, is applicable to the Jeker's Place preliminary plat and that Jeker's Place preliminary plat is consistent with Policy 8.1-3 because the development must comply with Section 8-4A-21 of the Ada County Code.

Goal 9.0: Facilitate the movement of people and products to and from Dry Creek Ranch.

Objective 9.1: Dry Creek Ranch will include an adequate transportation system meeting the level of service guidelines established for Ada County.

Policy 9.1-1: Construct all public on-site streets, alleys and sidewalks in accordance with standards approved by ACHD or through the Dry Creek Zoning Ordinance.

Finding: The Planning and Zoning Commission finds as evidenced in the record, that the Jeker's Place preliminary plat is consistent with Policy 9.1-1 because Ada County Highway District is required to sign the final plat prior to the plat being recorded; at that time they will be accepting all public streets, sidewalks, and other infrastructure that is within their jurisdiction.

Policy 9.1-2: Cooperate with the ACHD to improve Dry Creek Road or Brookside Lane, whichever is deemed more appropriate, through the existing West Foothills Overlay extraordinary impact fee.

Finding: The Planning and Zoning Commission finds as evidenced in the record, that the Jeker's Place preliminary plat is consistent with Policy 9.1-2 because the preliminary plat shows Brookside Lane being improved from Highway 55 to the east boundary of the property.

Policy 9.1-3: Cooperate with ITD to improve Highway 55 to meet the transportation demands of Dry Creek Ranch.

Finding: The Planning and Zoning Commission finds as evidenced in the record, and as conditioned in conditions of approval number 18 and 19, that Jeker's Place preliminary plat is consistent with Policy 9.1-3 because the applicant will improve the intersection of Brookside Lane and Highway 55 with a signalized intersection and reserve the right of way for the future grade separated interchange.

Finding: The Planning and Zoning Commission finds, as evidenced in the Dry Creek Ranch planned community application, and as conditioned in conditions of approval number 18 and 19, that the Jeker's Place preliminary plat is consistent with Policy 9.1-3 because the applicant has committed to working with other property owners and with ITD in developing an improvement plan for Highway 55 and agreeing upon a funding mechanism. Furthermore, the applicant will protect the traffic bearing capacity of Highway 55 by limiting access and has committed to providing other improvements as determined by traffic studies and Idaho Transportation Department Policy.

Finding: The Planning and Zoning Commission finds as evidenced in the record, that the Jeker's Place preliminary plat is consistent with Policy 9.1-3 because the applicant has completed a traffic study that indicates that capacity on Highway 55 is sufficient to accommodate the increased traffic volume created by this development.

Objective 9.3: Promote the beautification of state and local roads.

Policy 9.3-1: Promote and encourage aesthetically pleasing approaches and thoroughfares to and within Dry Creek Ranch through street design and landscaping

Finding: The Planning and Zoning Commission finds as evidenced in the record, that the Jeker's Place preliminary plat is consistent with Policy 9.3-1 because the Dry Creek Ranch zoning ordinance includes appropriate standards for beautification along state highways, arterials and collector streets, and local streets that will be used to evaluate the street design and landscaping in Jeker's Place Subdivision.

- The Dry Creek Ranch zoning ordinance requires a landscape street buffer of 50' abutting State Highway 55.
- The Dry Creek Ranch zoning ordinance requires a landscape street buffer of 30' abutting arterials.
- The Dry Creek Ranch zoning ordinance requires a landscape street buffer of 20' abutting collector streets.

Finding: The Planning and Zoning Commission finds as evidenced in the record, that the Jeker's Place preliminary plat is consistent with Policy 9.3-1 because Dry Creek Ranch zoning ordinance requires that all new construction be reviewed for compliance with the Dry Creek Ranch comprehensive plan, which contains landscape guidelines and requirements for all new construction including landscaping along roadways.

Finding: The Planning and Zoning Commission finds as evidenced in the record and as conditioned in condition of approval number 20, that the Jeker's Place preliminary plat is consistent with Policy 9.3-1 because prior to final plat approval the applicant must provide a landscape plan to Ada County, for review and approval as required in the Dry Creek Ranch zoning ordinance. The landscape plan must include all parks, improved open space, common areas, and street buffers within the final plat.

Goal 10.0: Enhance the quality of life for residents of Dry Creek Ranch through parks, facilities, pathways and trailways.

Objective 10.1: Provide for a range of park types, pathways, trailways and recreational facilities and opportunities for the residents of Dry Creek Ranch.

Policy 10.1-1: Provide a publicly accessible greenbelt area and path along Dry Creek within the community and on-site trails that link to the Foothills regional trail system.

Finding: The Planning and Zoning Commission finds as evidenced in the record and as conditioned in condition of approval number 17, that the Jeker's Place preliminary plat is consistent with Policy 9.3-1 because the preliminary plat shows a trail system along Dry Creek and additional trails that connect to adjacent land. Prior to the approval of the final plat the applicant/developer must develop these pathways, trails, trailheads, parks, and recreation areas in accordance with the open space, parks, and trails plan and the Ridge-to-Rivers Plan; and ensure that all open space and trails are accessible to the public and created by deed restriction or conservation easement.

Policy 10.1-2: Create a community center, parks, playfields and recreational facilities in accordance with the Dry Creek Ranch Land Use Map.

Finding: The Planning and Zoning Commission finds as evidenced in the record, that the Jeker's Place preliminary plat is consistent with Policy 10.1-2 because the plat designates parks, open space, and trails in areas designated as such on the Dry Creek Ranch land use map, any additional playfields, community centers, or recreational facilities will require a master site plan application and will be reviewed for compliance with the Dry Creek Ranch land use map.

Goal 11.0: Provide a diversity of housing choices within Dry Creek Ranch consistent with development costs and market realities.

Objective 11.1: Provide for a variety of living experiences including larger lots, suburban lots, small villages, mixed-use areas including housing, multi-family residential and urban housing.

Policy 11.1-1: Provide housing near future employment opportunities within Dry Creek Ranch.

Finding: The Planning and Zoning Commission finds as evidenced in the record that Jeker's Place preliminary plat is consistent with Policy 11.1-1 because the preliminary plat places higher density housing near commercial centers. The Multi-family land use district is located in close proximity to the Village

Center land use districts, the Commercial land use district, and the Mixed Use land use district. Furthermore, the Mixed Use land use district is expected to have 100 dwelling units mixed with civic, office, retail, public and quasi public use, and recreation in a compact, urban form; the Village Center land use district is expected to have 133 dwelling units mixed with office and retail in a compact, urban form. All of the residential lots are located within ¾ mile of the village center. The office and retail development within Jeker's Place Subdivision is expected to employee 1,914 people.

Goal 12.0: Promote and encourage a community that is conducive to specific development standards and provides enhancement to the existing character.

Objective 12.1: Establish a consistent standard of landscaping and exterior appeal through the Design Guidelines that is reflective of specific needs and desires of each specific area in the community.

Policy 12.1-1: Promote and encourage a sense of arrival upon entry to the Dry Creek Ranch Community through street design and landscaping.

Finding: The Planning and Zoning Commission finds as evidenced in the record, that the Jeker's Place preliminary plat is consistent with Policy 12.1-1 because the Dry Creek Ranch zoning ordinance includes appropriate standards for beautification along state highways, arterials and collector streets, and local streets that will be used to evaluate the street design and landscaping in Jeker's Place Subdivision.

- The Dry Creek Ranch zoning ordinance requires a landscape street buffer of 50' abutting State Highway 55.
- The Dry Creek Ranch zoning ordinance requires a landscape street buffer of 30' abutting arterials.
- The Dry Creek Ranch zoning ordinance requires a landscape street buffer of 20' abutting collector streets.

Finding: The Planning and Zoning Commission finds as evidenced in the record, that the Jeker's Place preliminary plat is consistent with Policy 12.1-1 because Dry Creek Ranch zoning ordinance requires that all new construction be reviewed for compliance with the Dry Creek Ranch comprehensive plan, which contains landscape guidelines and requirements for all new construction including landscaping along roadways.

Finding: The Planning and Zoning Commission finds as evidenced in the record and as conditioned in condition of approval number 20, that the Jeker's Place preliminary plat is consistent with Policy 12.1-1 because prior to final plat approval the applicant must provide a landscape plan to Ada County, for review and approval as required in the Dry Creek Ranch zoning ordinance. The landscape plan must include all parks, improved open space, common areas, and street buffers within the final plat.

I. As to the applicable law, the Commission finds the following:

EXHIBIT 1

1. The Planning and Zoning Commission finds **Article 8-2E of the Ada County Code** is applicable to this application because the Jeker's Place Subdivision is within a proposed planned community. This article sets forth the process for subsequent development within a planned community.

2. The Planning and Zoning Commission finds the **Dry Creek Ranch Planned Community Zoning Ordinance** is applicable to this application because the proposed Jeker's Place Subdivision is within the Dry Creek Ranch planned community. This ordinance sets forth the development standards for development within the Dry Creek Ranch planned community.

   Finding: The Planning and Zoning Commission finds as evidenced in the record, that the Jeker's Place preliminary plat complies with requirements of the Dry Creek Ranch Planned Community Zoning Ordinance. The preliminary plat shows lots within the Single Family Low Hillside land use district and the Single Family Medium land use district. All of the lots in these land use districts meet the minimum dimensional standards for single-family detached dwellings. The preliminary plat shows lots within the Multi-Family, Commercial, Mixed Use, Village Center, Parks, Utilities, and Natural Open Space land use districts. All of the lots in these land use districts meet the minimum dimensional standards for their respective district.

   Finding: The Planning and Zoning Commission finds, as conditioned in condition of approval number 17, that the Jeker's Place preliminary plat is consistent with the Dry Creek Ranch Zoning Ordinance which states that all open space lots in the "Park District" or "Natural Open Space District" must be dedicated open space protected by either a deed restriction or a conservation easement prepared subject to the regulations of Idaho Code Section 55-2105. Condition of approval number 17 requires that a deed restriction or conservation easement be in place prior to approval of the final plat.

   Finding: The Planning and Zoning Commission finds, as conditioned in condition of approval number 17, that the Jeker's Place preliminary plat is consistent with the Dry Creek Ranch Zoning Ordinance which states that the design of the open space must be consistent with the Dry Creek Ranch comprehensive plan and other adopted regional or local open space and recreation plans, including the Ada County Ridge to Rivers Pathway Plan.

   Finding: The Planning and Zoning Commission finds, as conditioned in condition of approval number 43, that the Jeker's Place preliminary plat is consistent with the Dry Creek Ranch Zoning Ordinance, which states that easements shall be provided for utilities, drainage and irrigation outside of public street rights-of-way as needed. The width of said easement will be determined by the land use and negotiated with the entities responsible for the construction and/or maintenance of the utility. Intermountain Gas (exhibit 18) requests a 5' utility easement along the interior lot lines. Condition of approval number 43 requires all utility easements must be shown on the final plat and

the minimum width of said easements must be determined by the entities responsible for the construction and/or maintenance of the utility.

3. The Planning and Zoning Commission finds **Article 8-3B of the Ada County Code** is applicable to this application because the proposed development is within the Wildland-Urban Fire Interface overlay district. This article sets forth the purpose, applicability, standards and prohibited uses within the Wildland-Urban Interface overlay district.

4. The Planning and Zoning Commission finds **Article 8-3F of the Ada County Code** is applicable to this application because the proposed development is within the Flood Hazard overlay district. This article sets forth the purpose, applicability, and standards within the Flood Hazard overlay district.

5. The Planning and Zoning Commission finds **Article 8-3H of the Ada County Code** is applicable because portions of the proposed development are within the Hillside overlay district. This article sets forth the purpose, applicability, and standards within the Hillside Overlay District.

6. The Planning and Zoning Commission finds **Title 8, Chapter 6 of the Ada County Code** is applicable because the proposed development is a subdivision of property located within the unincorporated area of the Ada County. This chapter sets forth the purpose, process, plat specifications, and required findings for a proposed subdivision.

Section 8-6-5: REQUIRED FINDINGS:

A. Preliminary Plat:

1. The design conforms to the standards established in article A of this chapter;

Finding: The Planning and Zoning Commission finds that the Jeker's Place preliminary plat complies with **Section 8-6A-1 of the Ada County Code** for the following reasons:

- The proposed Jeker's Place Subdivision meets the design standards of the Dry Creek Ranch Zoning Ordinance.
- The proposed Jeker's Place Subdivision is located in an area where there are topographical slopes greater than fifteen percent (15%), and as conditioned in conditions of approval number 35 and 49, the Jeker's Place preliminary plat complies with hillside regulations of the Ada County Code. The County Engineer has reviewed the submitted hillside development report and recommends approval of the preliminary hillside grading plan for Jeker's Place Subdivision (See Exhibit 22).
- As evidenced in the record, the subject property has not been designated in the comprehensive plan, natural features analysis, or elsewhere, as being unsuitable for development because of flood threat, poorly drained areas, high ground water, steep slopes, rock formation, buried pipelines, or other similar conditions.

- As evidenced in the record, the limits of the subdivision encompass the full extent of the owner's lot or "contiguous parcels", as defined in the Ada County Code.

Finding: The Planning and Zoning Commission finds that the Jeker's Place preliminary plat complies with **Section 8-6A-2 of the Ada County Code** because residential block lengths are generally between four hundred feet (400') and six hundred feet (600') but vary in length due to the limitations and opportunities of the topography. Pedestrian walkways are provided through or across blocks and are platted as separate lots. The length, widths, and shapes of blocks have been determined with due regard to:

- Provision of adequate building sites suitable to the special needs of the type of use contemplated including the land use district requirements as to property sizes and dimensions.
- Avoiding double front lots. Lot 1, Block 2 is designated as multi-family with frontage on four streets. The Dry Creek Ranch zoning ordinance requires master site plan approval prior to access being allowed for this lot.
- Convenient access, circulation, control, and safety of street traffic. The number of intersecting streets with Highway 55 and has been held to a minimum.

Finding: The Planning and Zoning Commission finds that the Jeker's Place preliminary plat complies with **Section 8-6A-3 of the Ada County Code** because, as evidenced in the record, the property size, width, depth, shape, and orientation, and the minimum structure setback lines are appropriate for the location of the subdivision and consistent with the type of development outlined in Dry Creek Ranch development plan. The proposed lots comply with the minimum dimensional requirements for their respective lot types within the Dry Creek Ranch Planned Community.

Finding: The Planning and Zoning Commission finds that the Jeker's Place preliminary plat complies with **Section 8-6A-4 of the Ada County Code** for the following reasons:

- All proposed residential lots have access on a public street. The Dry Creek Ranch zoning ordinance requires master site plan approval. During this process access for the non-residential lots will be determined in compliance with the Dry Creek Ranch Zoning Ordinance.
- Ada County Highway District must approve the development, as acknowledged by signing the final plat. The arrangement, character, extent, and location of all streets are consistent with the Dry Creek Ranch Comprehensive Plan.
- The street layout has been planned to facilitate future development of abutting areas and the entire neighborhood. As condition, in condition of approval number 51, a 50' wide access acceptable to the Idaho

Department of Lands will be provided to the west boundary of the abutting Idaho Endowment Land in Section 36.

Finding: The Planning and Zoning Commission finds that **Section 8-6A-5 of the Ada County Code** is not applicable to this application because the provisions of the Dry Creek Ranch Zoning Ordinance concerning frontage and access provide standards for alleys within the Dry Creek Ranch planned community.

Finding: The Planning and Zoning Commission finds that **Section 8-6A-6 of the Ada County Code** is not applicable to this application because the provisions of the Dry Creek Ranch Zoning Ordinance concerning easements provide standards for easements within the Dry Creek Ranch planned community.

Finding: The Planning and Zoning Commission finds that the Jeker's Place preliminary plat complies with Section **8-6A-7 of the Ada County Code** for the following reasons:

- As conditioned in condition of approval number 47, there will be a minimum structural setback of thirty feet (30') from the normal high water line of all watercourses, whether covered or uncovered.
- As conditioned in condition of approval number 48, watercourses will not be covered or fenced.

Finding: The Planning and Zoning Commission finds that the Jeker's Place preliminary plat complies with **Section 8-6A-8 of the Ada County Code** for the following reasons:

- The applicant has submitted a floodplain application as required, which has been reviewed by the County Engineer.
- As conditioned in condition of approval number 44, public utilities and facilities including, but not limited to: sewer, gas, electrical, telephone, and water systems will be located and constructed to minimize flood damage and certified by a registered professional engineer.
- As conditioned in condition of approval number 45, all utility work will use designs, materials, and construction methods that preclude failure due to flooding and assure continued service during flood events. The water supply system will be designed to eliminate infiltration of floodwaters into the system. The sewage treatment works and sewage collection and disposal systems will be designed to eliminate infiltration of floodwaters into the systems and discharge from the systems into floodwaters.
- As conditioned in condition of approval number 46, an evacuation plan indicating alternative vehicular access and escape routes will be filed with the Ada city-county emergency management office.
- As conditioned in condition of approval number 22, the applicant will provide base flood elevation data for Spring Valley Creek prior to approval of the final plat.

- As conditioned in condition of approval number 39, any crossing or grading over gulleys that drain more than 10 acres must be designed for the 100-year event and certified to be effective for the flood flows and velocities anticipated.
- As conditioned in condition of approval number 39, no construction or grading within the floodplain or hillside tributary floodway will begin until a floodplain application is submitted and approved.

2. The design complies with the required improvements established in article B of this chapter;

Finding: The Planning and Zoning Commission finds that the County Surveyor is required to sign the final plat and that prior to doing so he must verify compliance with Idaho Code Sections 50-1302, 50-1303, 54-1227, and 55-1608. Improvements to the public roadway system must be accepted by Ada County Highway District, as acknowledged by signing the final plat. As conditioned, in condition of approval number 25, Central District Health must sign the final plat approving the sewage facilities. As conditioned, in conditions of approval number 1b and 34, the County Engineer must approve a drainage plan for the subdivision development, and inspect the drainage improvements prior to approval of the final plat. As conditioned, in condition of approval number 50, the streetlights must comply with Article 8-4H of the Ada County Code. If necessary, the applicant may deposit a surety and surety agreement with the Director for completion of required improvements, subject to Article 8-4K of the Ada County Code.

3. If applicable, the proposed subdivision complies with the standards of an applicable overlay district as set forth in chapter 3 of this title;

Finding: The Planning and Zoning Commission finds, as evidenced in exhibit 17 (fire and vegetation management plan) and as conditioned in condition of approval number 4, that the Jeker's Place preliminary plat complies with the requirements of the Wildland-Urban Fire Interface (WUFI) overlay district. Condition of approval number 4 requires that prior to the issuance of the initial grading permit the applicant/developer must have the emergency access roads evaluated by a licensed Fire Professional Engineer to determine site-specific hazards and proper accessibility for emergency vehicles, and the applicant/developer must resubmit a fire protection plan prepared by a licensed Fire Professional Engineer to include a fire protection plan map showing the roadway, turnouts, turnarounds, terminus, and lots; required signage for turnouts, turnarounds and fire lane parking; required number and placement of turnouts based on development density and roadway width; and required road width or required interconnected system of roadways and fire accesses. The Eagle Fire District must review a copy of the fire protection plan.

Finding: The Planning and Zoning Commission finds that the Jeker's Place preliminary plat complies with the standards and requirements of the Flood Hazard overlay district for the following reasons:

- The applicant has submitted a floodplain application as required, which has been reviewed by the County Engineer.
- As conditioned in condition of approval number 44, public utilities and facilities including, but not limited to: sewer, gas, electrical, telephone, and water systems will be located and constructed to minimize flood damage and certified by a registered professional engineer.
- As conditioned in condition of approval number 45, all utility work will use designs, materials, and construction methods that preclude failure due to flooding and assure continued service during flood events. The water supply system will be designed to eliminate infiltration of floodwaters into the system. The sewage treatment works and sewage collection and disposal systems will be designed to eliminate infiltration of floodwaters into the systems and discharge from the systems into floodwaters.
- As conditioned in condition of approval number 46, an evacuation plan indicating alternative vehicular access and escape routes will be filed with the Ada city-county emergency management office.
- As conditioned in condition of approval number 22, the applicant will provide base flood elevation data for Spring Valley Creek prior to approval of the final plat.
- As conditioned in condition of approval number 21, any crossing or grading over gulleys that drain more than 10 acres must be designed for the 100-year event and certified to be effective for the flood flows and velocities anticipated.
- As conditioned in condition of approval number 39, no construction or grading within the floodplain or hillside tributary floodway will begin until a floodplain application is submitted and approved.

Finding: The Planning and Zoning Commission finds, as conditioned in conditions of approval number 35 and 49, that the Jeker's Place preliminary plat complies with Article 8-3H of the Ada County Code. The County Engineer has reviewed the submitted hillside development report and recommends approval of the preliminary hillside-grading plan for Jeker's Place Subdivision (See Exhibit 10). As evidenced in the record, the site is suitable for the design and siting of the proposed subdivision and will result in minimum disturbance of the hillside areas. As evidenced in the record, the hillside reports contains a slope stabilization and revegetation report and has been reviewed and approved by an Ada County landscape architect. The plan adequately addresses that the proposed grading and excavation will not result in soil erosion, silting of lower slopes, slide damage, flooding, severe scaring or other geological instability as the disturbed areas will undergo revegetation that will prevent said occurrences and be monitored by the engineer of record. As evidenced by the record, structural development is not proposed on areas not suited for development and a majority of the site

will remain in a natural state as open space. As evidenced in the record, the proposed grading and excavation will minimize the disruption of existing native vegetation and wildlife habitat and that much of the vegetation will be restored after the construction is completed. As evidenced in the record, the proposed cuts and fills will result in minimal visual disturbance, as the disturbed areas will be revegetated to blend back into the hillside landscape. As conditioned, the regulations and standards set forth in Section 8-3H-5 of the Ada County Code must be complied with at all times. Furthermore, as conditioned, the "engineer of record" is responsible to comply with the regulations and standards set forth in Section 8-3H-8 of the Ada County Code.

4. The design conforms to the topography and natural landscape features and shows consideration for the location and function of land uses and structures to achieve this purpose;

Finding: The Planning and Zoning Commission finds the applicant and/or owner have submitted a hillside development application to demonstrate the design of the proposed subdivision conforms to the topography and natural landscape features of the site. As evidenced in the record, the applicant and/or owner have placed the majority of the residential lots in the less slope-constrained portions of the property. The County Engineer has reviewed the preliminary hillside-grading plan and recommends approval of the preliminary hillside-grading plan submitted for the development.

Finding: The Planning and Zoning Commission finds the applicant and/or owner has submitted a natural features analysis identifying constraints presented by the subdivision development site and has designed the subdivision so that it conforms with the natural landscape features.

5. The development would not cause undue damage, hazard, or nuisance to persons or property in the vicinity;

Finding: The Planning and Zoning Commission finds as evidenced in the record that the subdivision will not cause damage, hazard, or nuisance to persons or property in the vicinity. The proposed development is subject to the conditions of approval attached as Exhibit 2 to ensure the applicant and/or owner obtain all necessary approvals and complete all of the required improvements prior to final plat approval from the Board. No evidence has been presented that indicates that it will cause damage, hazard, or nuisance to persons or property in the vicinity.

6. The internal street system is designed for the efficient and safe flow of vehicles and pedestrians without having a disruptive influence upon the activities and functions contained within the proposed subdivision, nor placing an undue burden upon existing transportation and other public services in the surrounding area;

Finding: The Planning and Zoning Commission finds the internal street system is designed for the efficient and safe flow of vehicles and pedestrians. All

required public street improvements and additional design standards are subject to the jurisdiction of ACHD. Public streets must be accepted by ACHD prior to final plat approval by the Commission. The Planning and Zoning Commission also finds that the burdens upon existing transportation and other public services in the surrounding area have been identified and mitigated because as conditioned, in condition of approval numbers 11 through 15, the applicant/developer must do the following:

- Meet the required mitigation measures as requested by the Eagle Fire District and a Memorandum of Understanding must be executed prior to approval of the final plat.
- Meet the required mitigation measure as requested by Ada County Paramedics, specifically a per-resident household emergency services fee as requested by the Ada County Paramedics. A Memorandum of Understanding must be executed prior to approval of the final plat.
- Provide a suitable paramedics station site to Ada County Paramedics within the Dry Creek Ranch project that meets the specifications of Ada County Paramedics and the financial terms of provision will be such that negative fiscal shortfalls for Ada County Paramedics will not be induced. A Memorandum of Understanding must be executed prior to approval of the final plat.
- Provide a suitable public school site to Meridian School District #2 within the Dry Creek Ranch project that meets the specifications of Meridian School District #2 and the financial terms of provision will be such that avoidance of fiscal shortfalls for Meridian School District #2 will be adequate to that school district. A Memorandum of Understanding must be executed prior to approval of the final plat.
- Provide any necessary student transportation assistance or mitigation to Meridian School District #2 before new school facilities are constructed on-site at Dry Creek Ranch. A Memorandum of Understanding must be executed prior to approval of the final plat.
- Provide temporary space during Dry Creek Ranch build-out that is suitable to Ada Community Library for library service to Dry Creek Ranch residents under financial arrangement such that risk of revenue shortfalls to Ada Community Library for resident services provided is adequately mitigated. A Memorandum of Understanding must be executed prior to approval of the final plat.
- Provide permanent space suitable to Ada Community Library for library service to Dry Creek Ranch residents under financial arrangement such that risk of revenue shortfalls to Ada Community Library for resident services provided is adequately mitigated. A Memorandum of Understanding must be executed prior to approval of the final plat.

7. Community facilities such as parks, recreational, and dedicated open space areas are functionally related to all dwelling units and are easily accessible via pedestrian and/or bicycle pathways;

Finding: The Planning and Zoning Commission finds that the community facilities such as parks, recreational, and dedicated open space areas, within Jeker's Place Subdivision, are functionally related to all dwelling units and are easily accessible via pedestrian and/or bicycle pathways.

8. The proposal complies with the dimension standards set forth in this title for the applicable zoning district; and

Finding: The Planning and Zoning Commission finds that Jeker's Place Subdivision complies with the dimension standards for their respective land use districts as set forth in the Dry Creek Ranch Zoning Ordinance.

9. The overall plan is in conformance with the applicable comprehensive plan(s), future acquisition maps, area of city impact ordinances including applicable subdivision regulations, and other pertinent ordinances.

Finding: The Planning and Zoning Commission finds the overall plan is in conformance with the Dry Creek Ranch Comprehensive Plan.

EXHIBIT 1

CONCLUSIONS OF LAW

If any of these Conclusions of Law are deemed to be Findings of Fact they are incorporated into the Findings of Fact section.

1. The Planning and Zoning Commission concludes that File Number 200600219 S-HD complies with the Dry Creek Ranch Comprehensive Plan.

2. The Planning and Zoning Commission concludes that File Number 200600219 S-HD complies with Article 8-2E of the Ada County Code.

3. The Planning and Zoning Commission concludes that File Number 200600219 S-HD complies with Article 8-3B of the Ada County Code.

4. The Planning and Zoning Commission concludes that File Number 200600219 S-HD complies with Article 8-3F of the Ada County Code.

5. The Planning and Zoning Commission concludes that File Number 200600219 S-HD complies with Article 8-3H of the Ada County Code.

6. The Planning and Zoning Commission concludes that File Number 200600219 S-HD complies with Section 8-6-5 of the Ada County Code.

EXHIBIT 1

ORDER

Based upon the Findings of Fact and Conclusions of Law contained in this Staff Report, The Planning and Zoning Commission recommends approval of File Number 200600219 S-HD, subject to the Conditions of Approval attached as Exhibit 3.

DATED this _____day of _____, 2008.

By: _____
Judy Aitken, Chairman
Ada County Planning and Zoning Commission

ATTEST:

_____
Jay A. Gibbons, Secretary

CONDITIONS OF APPROVAL
FILE NUMBER 200600219 S-HD
JEKER'S PLACE SUBDIVISION

REQUIRED ACTIONS. THE FOLLOWING LIST DETAILS THE TASKS (IN ORDER) THAT THE APPLICANT AND/OR OWNER MUST COMPLETE BEFORE THE APPROVAL OF FILE NUMBER 200600219 S-HD WILL BE CONSIDERED FINAL. PLEASE NOTE THAT YOU HAVE UNTIL TWO YEARS FROM THE APPROVAL OF THE BOARD, TO COMPLETE THESE TASKS AND SUBMIT A FINAL PLAT, UNLESS A TIME EXTENSION IS GRANTED. SEE SECTION 8-7-1 AND 8-7-6 OF THE ADA COUNTY CODE FOR INFORMATION ON TIME EXTENSIONS.

1. The applicant/developer shall obtain written approval of the plat from the agencies noted below. The approval may be either on agency letterhead referring to the approved use or may be written/stamped upon a copy of the approved plat. All site improvements are prohibited prior to approval of these agencies.

    a) The Eagle Fire District must approve all fire flow requirements.

    b) The County Engineer must approve a surface drainage run-off plan. The plan shall be designed and constructed in conformance with standards contained in "Catalog for Best Management Practices for Idaho Cities and Counties" and that demonstrates that runoff created or affected by development will be controlled on-site or integrated into a watershed plan in a manner to maintain natural runoff rates, reduce erosion and flood hazards. Please contact the County Engineer at 287-7900 for fee and application information. See Section 8-4A-11 of the Ada County Code for drainage plan standards.

2. Prior to the issuance of the grading permit the applicant/developer shall develop a dust control plan, which incorporates appropriate best management practices (BMP) to control fugitive dust.

3. Prior to the issuance of the grading permit the applicant/developer shall demonstrate compliance with the Rules for the Control of Air Pollution in Idaho as put forth by the Idaho Department of Environmental Quality.

4. Prior to the issuance of the grading permit the applicant/developer shall have the emergency access roads evaluated by a licensed Fire Professional Engineer to determine site-specific hazards and proper accessibility for emergency vehicles. The applicant/developer shall provide a fire protection plan prepared by a licensed Fire Professional Engineer to include a fire protection plan map showing the roadway, turnouts, turnarounds, terminus, and lots; required signage for turnouts, turnarounds and fire lane parking; required number and placement of turnouts based on development density and roadway width; and required road width or

required interconnected system of roadways and fire accesses. The Eagle Fire District shall review a copy of the fire protection plan.

5. Prior to the issuance of the grading permit the applicant/developer shall conduct pre-construction surveys in appropriate areas for nesting raptors. If active raptor nest sites are found then no construction or human activity may take place within ¼ mile from March 1 through July 15 or until young have fledged and are no longer dependant on the nest.

6. A qualified archaeologist must monitor initial ground disturbing activities. If archaeological remains are discovered at any time during excavation or construction activities, all work must halt and the archaeological remains protected from disturbance until the Idaho State Historical Preservation Office evaluates them.

7. Prior to the approval of the final plat the applicant/developer shall create an off-site conservation easement with a total area of not less than 766 acres. The conservation easement shall be created under the provisions of Idaho Code Title 55, Chapter 21. The conservation easement shall grant to Ada County a third-party right of enforcement.

8. Prior to the approval of the final plat the applicant/developer shall revise the Dry Creek Ranch Design Guidelines to eliminate references to the regulatory authority of the Dry Creek Ranch design review committee. The applicant/developer must request and obtain approval of these revisions through a comprehensive plan text amendment.

9. Prior to the approval of the final plat the applicant/developer shall submit evidence demonstrating that the entire Planned Community has a guaranteed water supply and is within an approved service area.

10. Prior to the approval of the final plat the applicant/developer shall submit evidence demonstrating that the appropriate regulatory authorities have approved a management plan for accepting wastewater from the entire Planned Community.

11. Prior to the approval of the final plat the applicant/developer shall meet the required mitigation measures as requested by the Eagle Fire District and a Memorandum of Understanding must be executed prior to approval of the final plat.

12. Prior to the approval of the final plat the applicant/developer shall meet the required mitigation measure as requested by Ada County Paramedics, specifically a per-resident household emergency services fee as requested by the Ada County Paramedics. A Memorandum of Understanding must be executed prior to approval of the final plat.

13. Prior to the approval of the final plat the applicant/developer shall make provision for a suitable paramedics station site to Ada County Paramedics within the Dry Creek Ranch project that meets the specifications of Ada County Paramedics and the financial terms of provision will be such that negative fiscal shortfalls for Ada

County Paramedics will not be induced. A Memorandum of Understanding must be executed prior to approval of the final plat.

14. Prior to the approval of the final plat the applicant/developer shall provide a suitable public school site to Meridian School District #2 within the development that meets the specifications of Meridian School District #2 and the financial terms of provision will be such that avoidance of fiscal shortfalls for Meridian School District #2 will be adequate to that school district, and provide any necessary student transportation assistance or mitigation before new school facilities are constructed on-site at Dry Creek Ranch. A Memorandum of Understanding must be executed prior to approval of the final plat.

15. Prior to the approval of the final plat the applicant/developer shall make provisions for temporary space during Dry Creek Ranch build-out that is suitable to Ada Community Library for library service to Dry Creek Ranch residents under financial arrangement such that risk of revenue shortfalls to Ada Community Library for resident services provided is adequately mitigated. A Memorandum of Understanding must be executed prior to approval of the final plat.

16. Prior to the approval of the final plat the applicant/developer shall provide a landscape plan to Ada County for review and approval as required in the Dry Creek Ranch zoning ordinance. The landscape plan shall include all parks, improved open space, common areas, and street buffers within the final plat.

17. Prior to the approval of the final plat the applicant/developer shall develop pathways, trails, trailheads, parks, and recreation areas in accordance with the open space, parks, and trails plan as depicted in Sub-Element F7 of the Dry Creek Ranch planned community application, the phasing plan as depicted in Sub-Element F10 of the planned community application, and the Ridge-to-Rivers Plan; and ensure that all open space and trails are accessible to the public and created by deed restriction or conservation easement.

18. Prior to the approval of the final plat the applicant/developer shall reserve the required right-of-way for the portion of the proposed grade-separated interchange at Highway 55 and Brookside Lane that is within the development.

19. Prior to the approval of the final plat the applicant/developer shall provide or fund road improvements in accordance with Idaho Transportation Department and Ada County Highway District requirements.

20. Prior to approval of the final plat the applicant/developer shall provide a park and ride lot with the specific locations to be determined with the assistance of the Ada County Highway District. The park and ride lot shall connect to the network of trails within the community.

21. Prior to approval of the final plat the applicant/developer shall determine all tributary floodways and demonstrate that notification will be provided, by deed restriction or other similar method, to the applicable prospective buyers that their property is within a floodplain, tributary floodway or alluvial fan. Any crossing or

grading over gulleys that drain more than 10 acres must be designed for the 100-year event and certified to be effective for the flood flows and velocities anticipated.

22. Prior to approval of the final plat the applicant/developer shall provide base flood elevation data for Spring Valley Creek.

23. Prior to approval of the final plat the applicant/developer shall provide a digital version of the final plat in the format specified by Development Services.

24. Prior to submitting the final plat for approval, the Ada County Street Name Committee must approve all subdivision street names. See Title 2, Chapter 1 of the Ada County Code.

25. Prior to approval by the Board of County Commissioners, the plat shall contain the following certificates and/or endorsements:

    a) certificate of the owner(s),

    b) certificate of the plat surveyor,

    c) certificate of the County Surveyor;

    d) endorsement of the Central District Health Department,

    e) approval and acceptance of the Ada County Highway District.

26. The following statements shall appear on the face of the final plat:

    a) This development recognizes Idaho Code §22-4503, Right to Farm Act, which states: "No agricultural operation or an appurtenance to it shall be or become a nuisance, private or public, by any changed conditions in or about the surrounding nonagricultural activities after the same has been in operation for more than one (1) year, when the operation was not a nuisance at the time the operation began; provided, that the provisions of this section shall not apply whenever a nuisance results from the improper or negligent operation of any agricultural operation or appurtenance to it."

    b) Any resubdivision of this plat shall comply with the applicable regulations in effect at the time of the resubdivision.

27. The Board of County Commissioners must approve the final plat within 24 months of the Board's approval of the preliminary plat. Where developments are made in successive phases in an orderly and reasonable manner such phases, if submitted within one (1) year intervals, will be considered for final plat approval. The applicant may request a time extension pursuant to the provisions of, and limitations set forth in, Section 8-7-6 of the Ada County Code.

28. No building permits will be issued until the final plat is recorded through the County Recorder's Office and parcel numbers have been issued by the County Assessor's Office.

29. The final plat shall meet the final plat specifications listed in Section 8-6-4-3 of the Ada County Code.

30. Any adjustments to the preliminary plat must conform to the design standards in Title 8, Chapter 6, Article A of the Ada County Code.

31. The phases shall be completed as noted in the phasing plan.

32. No construction, grading, filling, clearing, or excavation of any kind shall be initiated until the applicant has received approval of a surface runoff drainage design plan from the Ada County Engineer and obtained approval from the appropriate public agencies having jurisdiction over the facility being constructed. The drainage design plan shall include all proposed site grading. The drainage design plan shall include, but not be limited to, the following:

    A. Identification of high ground water areas, poorly drained areas, and areas being developed over soils with poor drainage characteristics, poor soil bearing capacity, hydric soils, liquefaction and soils strength loss.

    B. These areas shall be identified on the drainage design plan and specific measures included in the design to overcome the adverse effects of these characteristics (i.e., concentration of ground water in building crawl spaces, subsidence of foundation, etc.). The plan shall comply with Section 1804.04, Foundation Investigation, of the Uniform Building Code (1997 Edition) as adopted by Ada County. Special submittals including a site-specific geotechnical report may be required by the Ada County Engineer. The drainage design plan shall be prepared and submitted by a licensed Professional Engineer or design professional licensed in the State of Idaho.

33. Upon approval of the drainage design plan, the applicant shall obtain a grading permit or waiver from the Ada County Building official. The grading permit shall conform to the approved drainage design plan.

34. Prior to Board approval of the final plat, the Ada County Engineer must approve all drainage improvements and site grading shall be completed. The County Engineer must inspect and approve all drainage improvements, except where bonding is provided. As-built drawings, acceptable to the County Engineer in form and substance, shall be permitted prior to final inspection and approval of the drainage improvements.

35. Prior to Board approval of the final plat, the applicant shall have obtained and completed any required grading permit associated with the proposed development and in compliance with the Hillside Overlay District set forth in Article 8-3H of the Ada County Code. No grading, filling, or excavation of any kind shall be initiated until the Director approves the preliminary grading plan and an engineered grading permit is obtained from the Ada County Building Official.

36. Prior to final plat approval by the Board, all required improvements shall be completed including, but not limited to, sanitary sewer facilities; municipal water

service; electrical power service; natural gas service; telecommunication facilities; public roadway improvements; storm drainage facilities; hillside slope stabilization and revegetation; fire protection facilities; open space, common area and street landscaping; and, street lighting. In lieu of completing the required improvements, the applicant and/or owner may deposit a surety with the Director and sign a surety agreement in accordance with the regulations for surety agreements set forth in Article 8-4K and Section 8-21A-7 of the Ada County Code.

37. All public rights of way shall be constructed to the standards of the Ada County Highway District. No public street construction may be commenced without the approval of the Ada County Highway District. Any work within the Ada County Highway District rights of way requires a permit.

38. The property must be managed and maintained consistent with the standard regulations in Title 8, Chapter 4, Article A of the Ada County Code. Please note that this Article contains specific regulations regarding the accumulation of junk, atmospheric emissions, construction sites, hazardous material storage, and utilities.

39. As may be required, the final plat shall comply with the general regulations and applicable standards set forth in Article 8-3F of the Ada County Code. A floodplain development permit is required for any manmade change to improved or unimproved real estate including, but not limited to, structures, filling, mining, dredging, grading, or excavation within areas of special flood hazard. No construction or grading within the floodplain or hillside tributary floodway is allowed to begin until a floodplain application is submitted and approved.

40. Any grading, filling, clearing, or excavation of any kind where slopes exceeding fifteen percent (15%) or adverse conditions associated with slope stability, erosion, or sedimentation are present, as determined by the Ada County Engineer shall comply with the regulations and standards in accordance with the Hillside Overlay District set forth in Article 8-3H of the Ada County Code.

41. All surety and surety agreements shall comply with Article 8-4K of the Ada County Code.

42. All submittals of required compliance letters and plans (lighting, landscaping, drainage, and development) must be accompanied by your application File Number 200600219 S-HD.

43. Installation of public service facilities must comply with the requirements of the public utility providing the services. All new utilities shall be installed underground. All utility easements shall be shown on the final plat and the minimum width of said easement shall be determined by the entities responsible for the construction and/or maintenance of the utility.

44. Public utilities and facilities including, but not limited to: sewer, gas, electrical, telephone, and water systems shall be located and constructed to minimize flood

damage and certified by a registered professional engineer.

45. All utility work shall use designs, materials, and construction methods that preclude failure due to flooding and assure continued service during flood events. All new and replacement water supply systems shall be designed to eliminate infiltration of floodwaters into the system. New and replacement sewage treatment works and sewage collection and disposal systems shall be designed to eliminate infiltration of floodwaters into the systems and discharge from the systems into floodwaters.

46. An evacuation plan indicating alternative vehicular access and escape routes shall be filed with the Ada city-county emergency management office.

47. The final plat shall show a minimum structural setback of thirty feet (30') from the normal high water line of all watercourses.

48. Watercourses within the development shall not be covered or fenced.

49. A licensed engineer shall monitor all work covered by the hillside application. After the work is complete and the site has obtained final inspection approval from Ada County Development Services, the monitoring engineer shall provide Ada County with documentation indicating that all work performed on site was in compliance with the documentation, plans and reports submitted with Hillside Application Number 200600219 HD. This documentation will be reviewed by Ada County and upon acceptance; a final approval letter from the Director will be issued.

50. The streetlights within the development shall comply with Article 8-4H of the Ada County Code.

51. A 50' wide access acceptable to the Idaho Department of Lands shall be provided to the west boundary of the abutting Idaho Endowment Land. This access shall be depicted on the final plat.