

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A Beneficial Use Field Report is prepared by a water right examiner as the result of an examination to clearly confirm and establish the extent of the beneficial use of water established in connection with a permit during the development period authorized by the permit and any extensions of time previously approved.

A. GENERAL INFORMATIONPermit No. 63-111031. Owner John WilliamsonPhone No. 208-459-9382Current address 19550 Eat-A-Bite Ln., Caldwell, ID 836072. Examiner's name Cody ParkerEXAM DATE August 15, 20173. Accompanied by John, Roger, Patrick, and Mike Williamson

Email _____

Address SameRelationship to permit holder Owners

Phone No. _____

4. Source Groundwater

tributary to _____

B. OVERLAP REVIEW1. Other water rights with the same place of use 63-2908A, 63-3102A, 63-3102, 63-3208, 63-3086, 63-27432. Other water rights with the same source and point of diversion 63-3102, 63-3208, 63-3086, 63-2743**C. DIVERSION AND DELIVERY SYSTEM**

1. Point(s) of Diversion:

Ident. No.	Gov't Lot	¼	¼	¼	Sec	Twp	Rge	County	Method of Determination/Remarks
	1		NE	NE	6	03N	04W	Canyon	GPS, digital PLS map
	3		NE	NW	5	03N	04W	Canyon	Same
	2		NW	NE	5	03N	04W	Canyon	Same
			SE	NW	4	03N	04W	Canyon	Same

2. Place(s) of Use:

Method of determination 1992 imagery, digital PLS map

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N	04W	6	42																42
			L1																
03N	04W	5	43	43			43	43											172
			L1	L2			L3	L4											
03N	04W	4					2	37	37	10									86
							L3	L4											
																			300

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe diameter (inside), as applicable. Use the space provided or ☒ see attached.

Scale: 1" = _____

- ☒ Copy of USGS Quadrangle attached showing location(s) of point(s) of diversion and place(s) of use (required)
☒ Aerial photo attached (required for irrigation of 10+ acres)
☒ Photo of diversion and system attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

*Code to correspond with no. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. **Measurements:** _____

Theoretical Only

SEE ATTACHED

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.[illegible]

F. FLOW CALCULATIONS☐ Additional computation sheets attached

Measured Method:

$$\text{NENE 1} \Rightarrow (8.8 \times 60 \text{ HP} \times 0.70) / (165' + 2.31(60 \text{ psi})) = 1.22 \text{ cfs}$$

$$\text{NENW 3} \Rightarrow (8.8 \times 150 \text{ HP} \times 0.70) / (150' + 2.31(60 \text{ psi})) = 3.20 \text{ cfs}$$

BU Standard = 6.00 cfs

$$\text{NWNE 2} \Rightarrow (8.8 \times 75 \text{ HP} \times 0.70) / (170' + 2.31(60 \text{ psi})) = 1.50 \text{ cfs}$$

Permit Rate = 2.40 cfs

$$\text{SENW} \Rightarrow (8.8 \times 60 \text{ HP} \times 0.70) / (100' + 2.31(60 \text{ psi})) = 1.55 \text{ cfs}$$

Total system capacity = 7.47 cfs

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 300 \text{ acres} \times 4.5 \text{ afa/acre} = 1350 \text{ afa}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 1240 \text{ afa}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1240 \text{ afa}$$

2. Volume Calculations for Other Uses:

No other uses

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	03/01	11/15	2.40 cfs	1240 afa
Totals:			2.40 cfs	1240 afa

2. Recommended Amendments

☒ Change P.D. as reflected on page 1☐ Add P.D. as reflected on page 1☐ None☐ Change P.U. as reflected on page 1☐ Add P.U. as reflected on page 1☐ Other**I. AUTHENTICATION**

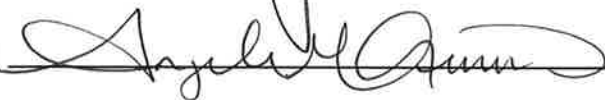
Field Examiner's Signature



Date

7-5-18

Reviewer



Date

7-5-18

SEAL

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD EXAM

NARRATIVE

This permit authorizes the diversion of 2.40 cfs from groundwater to irrigate 300 acres of land. Proof of beneficial use was submitted on September 1, 1992. On August 15, 2017, I completed a field examination for the permit and was accompanied during the exam by John, Roger, Patrick, and Mike Williamson.

The permit authorizes the diversion of water from 5 wells. 4 wells have been used to irrigate the place of use. A fifth well was drilled but has not been used as it did not produce a usable quantity of water. Well locations were determined by GPS and digital PLS mapping. The four wells are located in the following sections of Township 03 North, Range 04 West:

- Section 6, Lot 1 (NENE)
- Section 5, Lot 3 (NENW)
- Section 5, Lot 2 (NWNE)
- Section 4, SENW

The permit does not list the last two wells in the list above, and the right will require an amendment at licensing to reflect the system as it was developed.

The field exam took place around 25 years after Proof was submitted. Therefore, it is difficult to say how the system was established during the development period. Currently the two western-most wells are not used. The western part of the POU is irrigated with surface water. The wells in Lot 2 of Sec. 5 and in the SENW of Sec. 4 currently supply water to a system comprised of 1 ½" polyline feeding a drip irrigation system used to water a crop which is almost entirely fruit trees. The owners say that during development the four wells listed supplied water to irrigate the entire 300 acres using wheel lines and hand lines.

I measured the acreage from aerial imagery captured in 1992, which can be seen in the file. It appears that the full 300 acres were irrigated during the development. The developed irrigation occurred in the proposed location, so I have taken the description of the land on the permit to be accurate.

There are six overlapping water rights which combine with this right for a total of 304.5. Total, they authorize a total diversion of 6.67 cfs. The beneficial use standard rate for 304.5 acres irrigation is 6.09 cfs. A condition will be added to this right so that all rights when combined do not exceed the standard. T

Four rights (63-3102, 63-3208, 63-3086, and 63-2743) describe overlapping uses of the points of diversion listed on this license. However, each right also authorizes diversions from non-overlapping wells. No combined limit is applied to the rate because non-overlapping wells may be used and the system is capable of diverting the full amount authorized by the rights.

The diversion rate I have recommended for the license is 2.40 cfs, which is the permit rate. The volume limit (1237.7 afa) is determined from the diversion rate and season of use rather than the headgate requirement. The owner says they have always used the groundwater to supplement surface water use for irrigation. Most of the overlapping rights also cite overlap with surface water. Therefore, I have recommended supplemental use conditions for the license.

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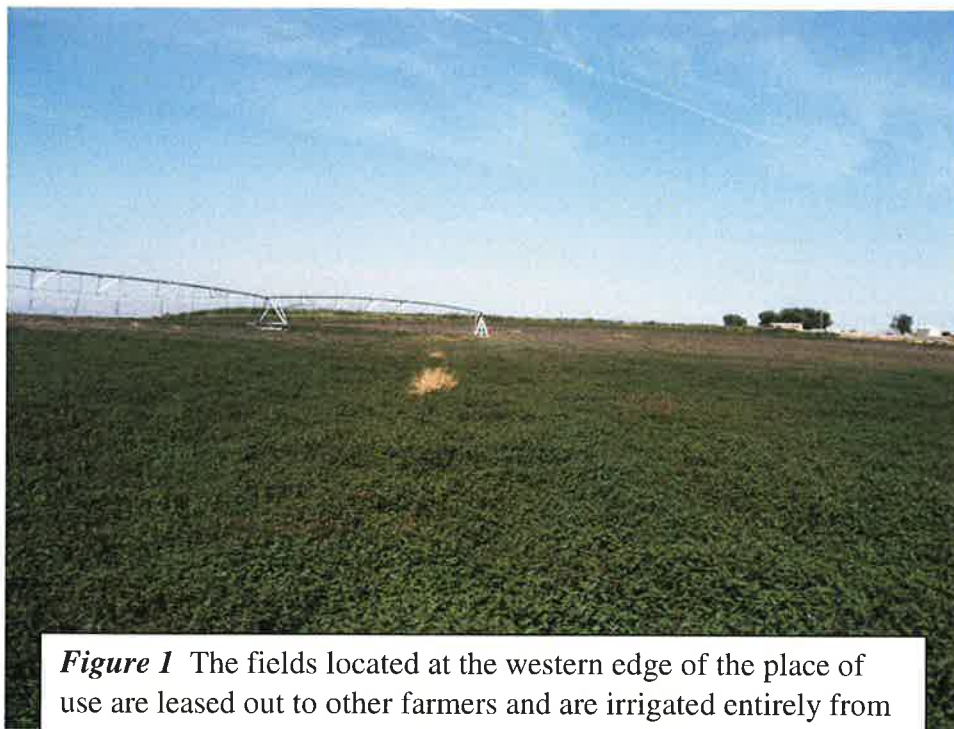


Figure 1 The fields located at the western edge of the place of use are leased out to other farmers and are irrigated entirely from surface water. Groundwater was used during the development period. The first well was located somewhere here during development.

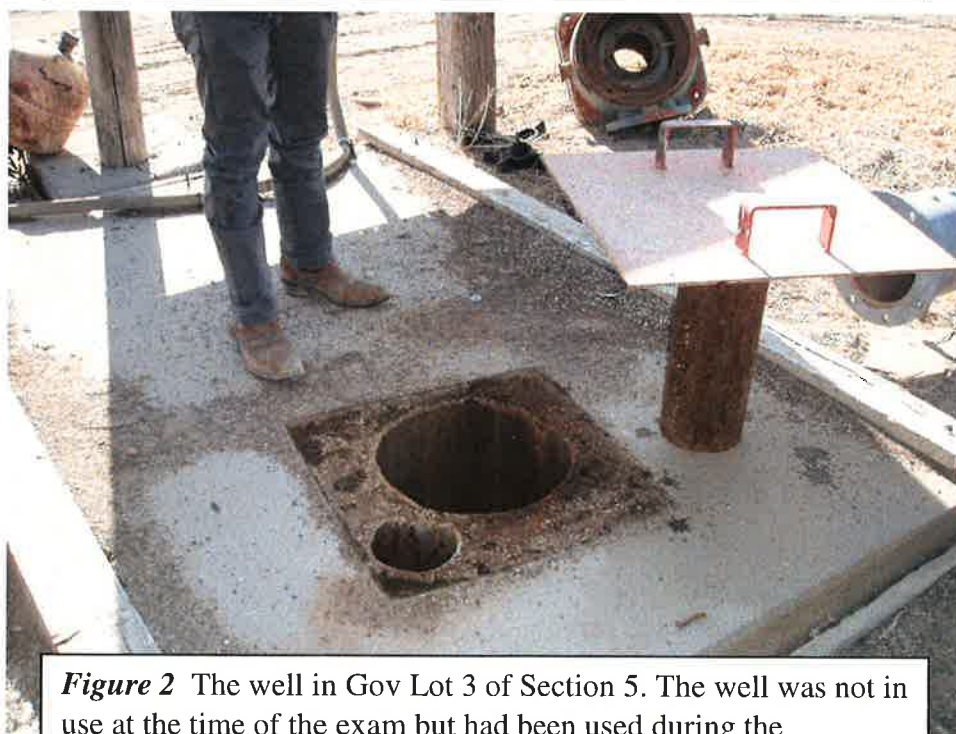


Figure 2 The well in Gov Lot 3 of Section 5. The well was not in use at the time of the exam but had been used during the development period.

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Figure 3 Well located in Gov Lot 2 of Section 5. This well was also not used at the time of the exam but had been developed for irrigation.



Figure 4 The final well in the SENW of Section 4. This well is currently used to supplement surface water irrigation of several acres of peach trees.

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Figure 5 Most of the orchard is irrigated using drip line with micro sprinkler heads like this one.



Figure 6 The orchard irrigated at the place of use.

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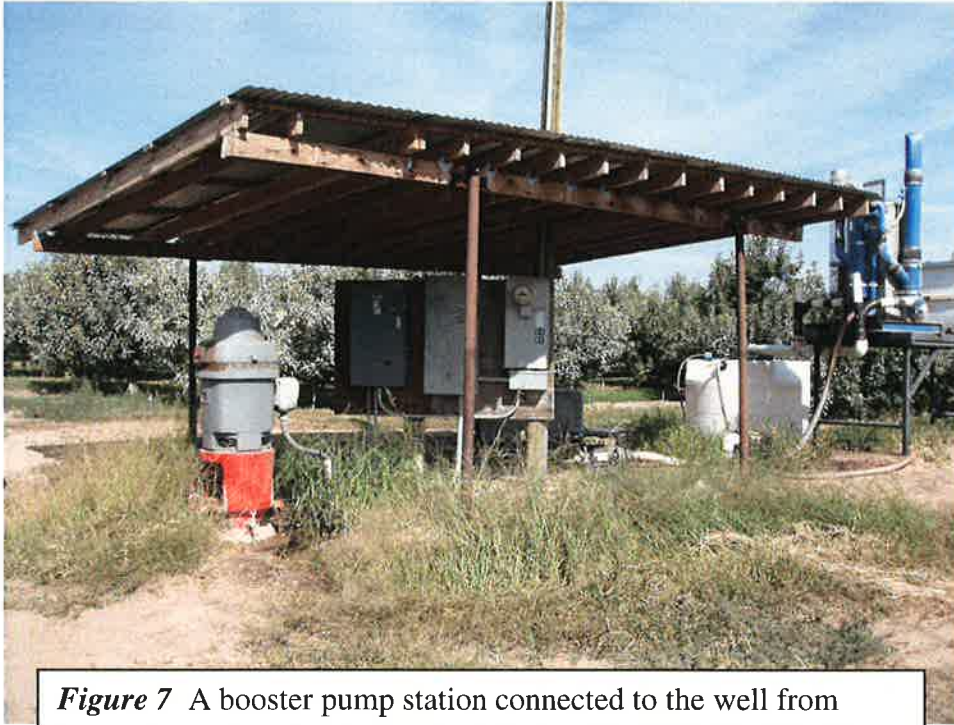
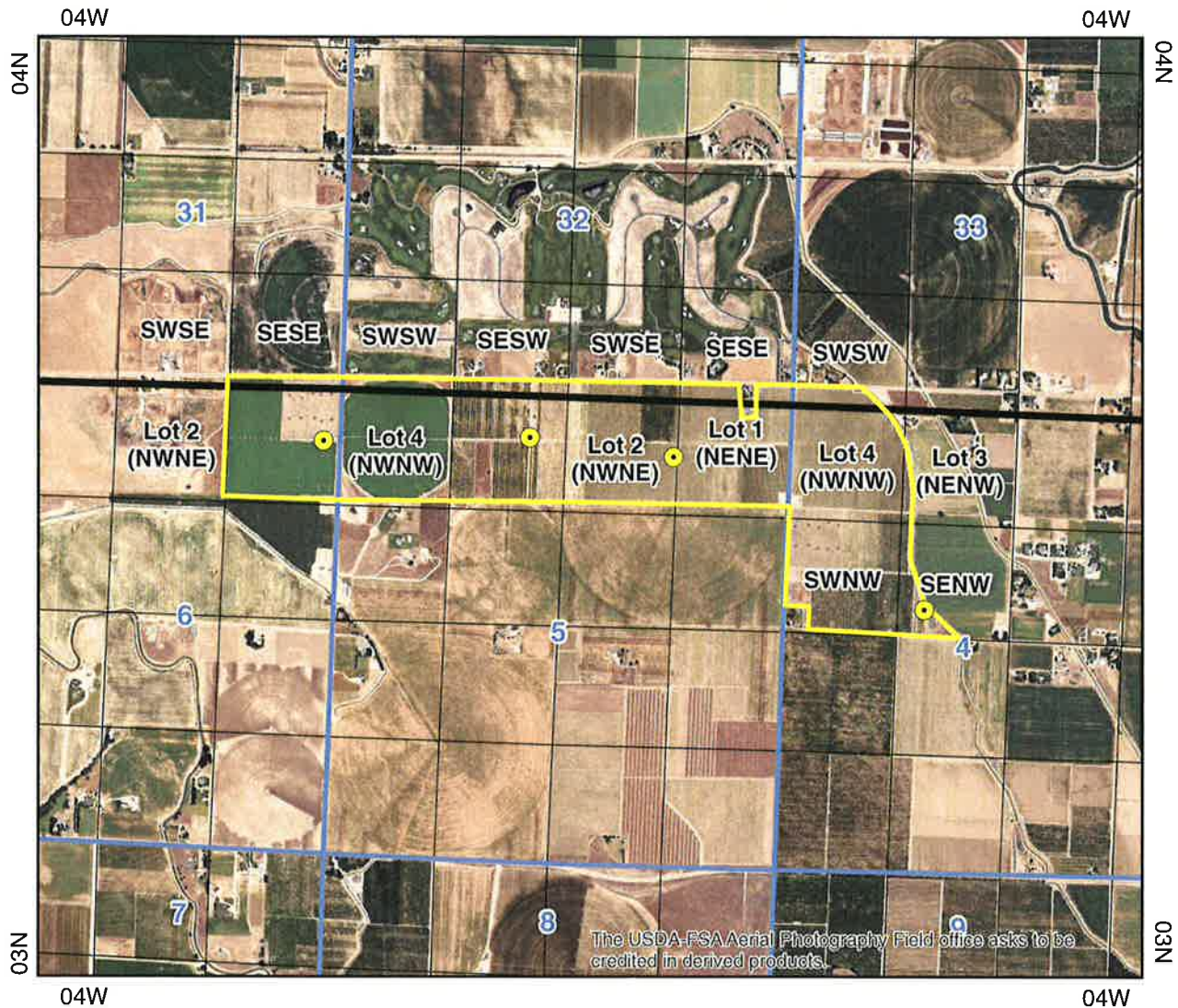


Figure 7 A booster pump station connected to the well from figure 4. The booster station is located in the SWNW of Section 4.

State of Idaho
Department of Water Resources
Attachment to Water Right License
63-11103

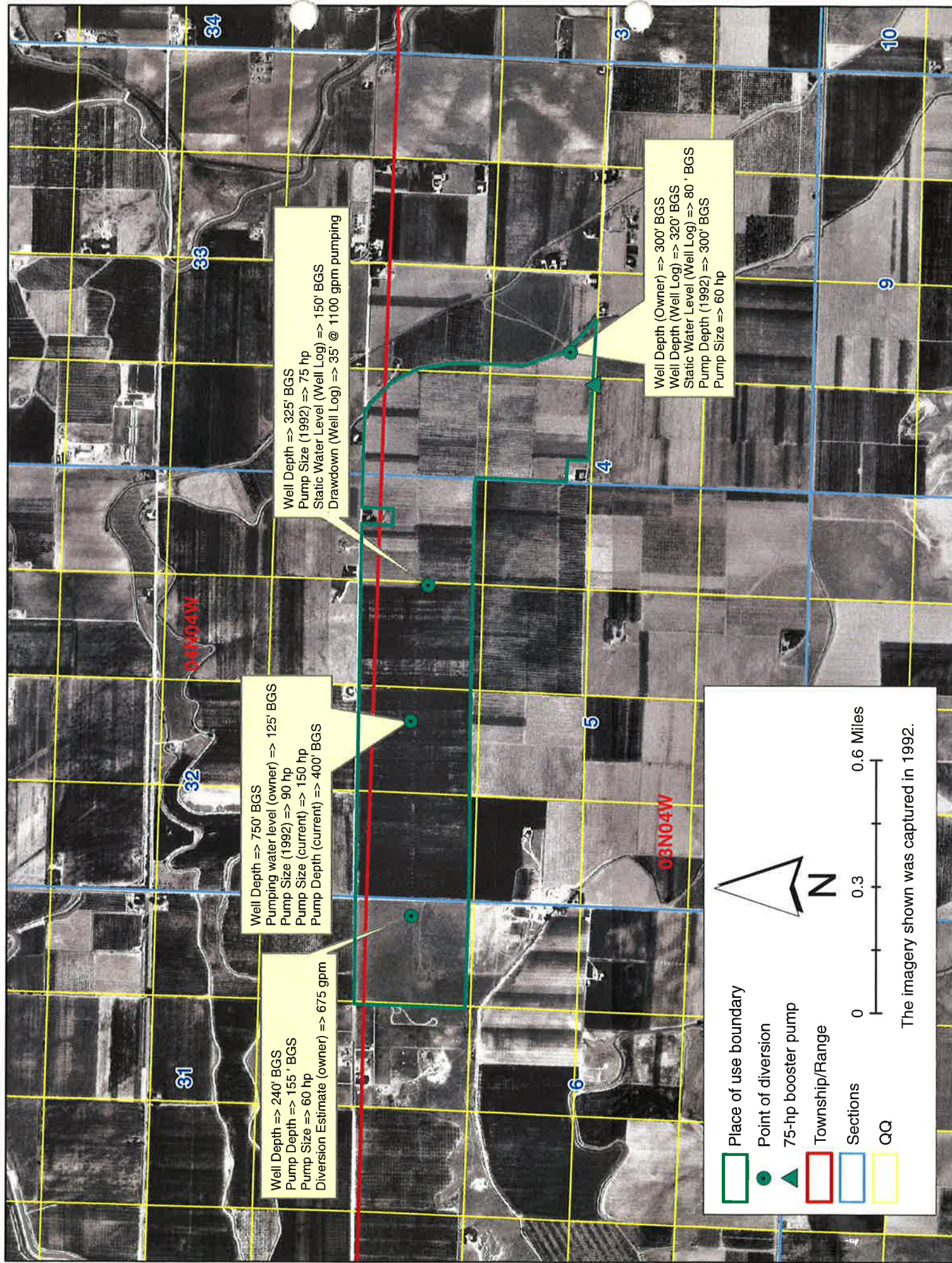
This map depicts the IRRIGATION place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.



- Point of Diversion
- Place Of Use Boundary
- Townships
- PLS Sections

0 0.25 0.5 1 Miles





Legend:

- Place of use boundary
- Point of diversion
- ▲ 75-hp booster pump
- Township/Range
- Sections
- QQ

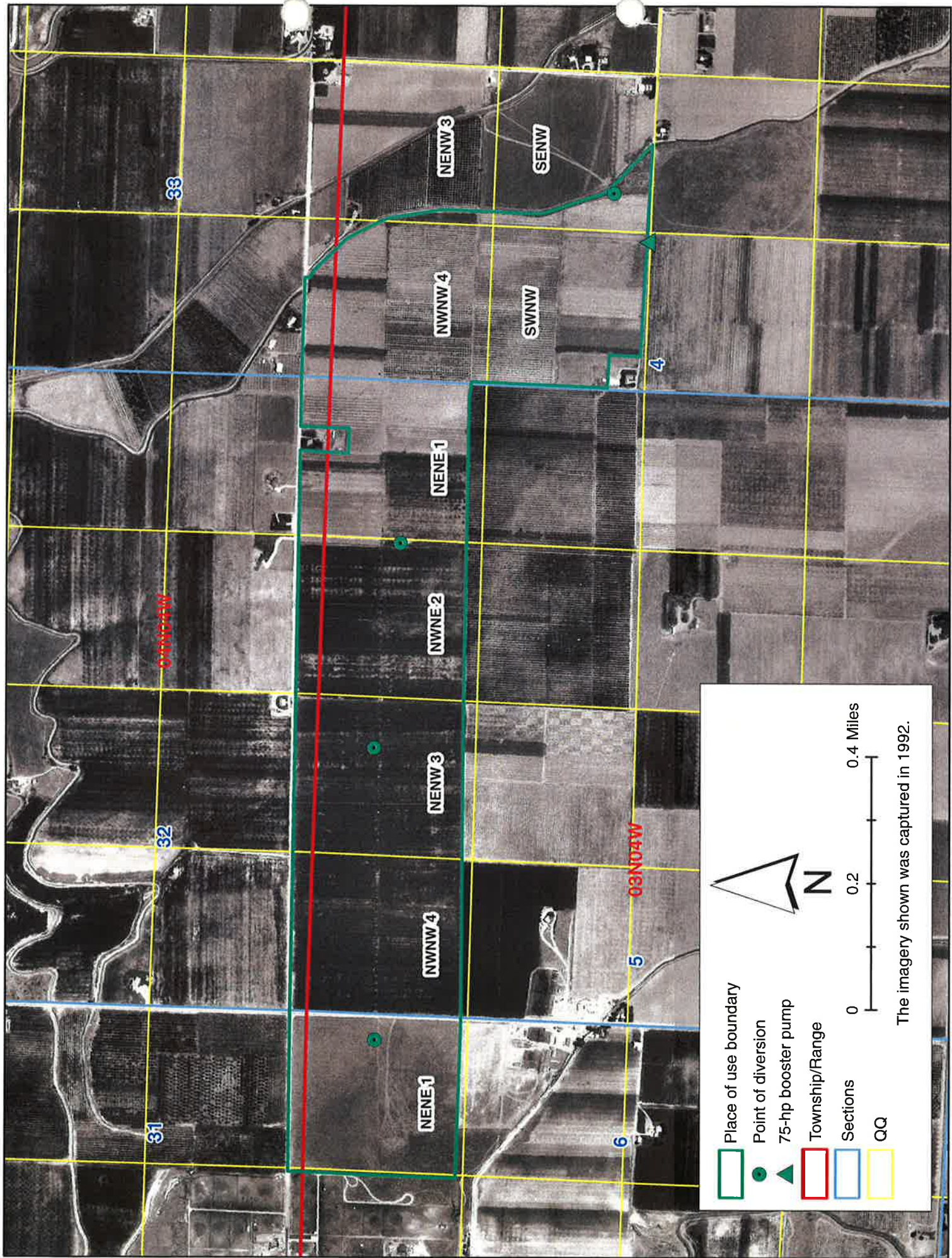
N

0.6 Miles

0.3

0

The imagery shown was captured in 1992.





Place of use boundary



Point of diversion



75-hp booster pump



Township/Range



Sections



QQ



N

0

0.2

0.4 Miles

The imagery shown was captured in 1992.

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Basin/Sequ	Owner	Source	Use	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total Acres
03N04W4																				
63-10091	LOOTENS, I	GROUND WA	DOMESTIC					2	37	37	10					39		31	32	86
63-11103	WILLIAMS	GROUND WA	IRRIGATION																	102
63-11463	SYMMES	R/BOISE RIVER	IRRIGATION																	
63-136	BARKER	R/BOISE RIVER	IRRIGATION																	
63-137B	BARKER	R/BOISE RIVER	IRRIGATION																	
63-200A	BARKER	R/BOISE RIVER	IRRIGATION																	
63-2106	UNITED ST. FIVEMILE CR	IRRIGATION																		
63-23183	BARNES, P.	GROUND WA	DOMESTIC																	
63-23222	BATES, BEI	GROUND WA	DOMESTIC																	
63-23222	BATES, BEI	GROUND WA	STOCKWATER																	
63-233K	AMERICAN	BOISE RIVER	IRRIGATION																	
63-2388A	UNITED ST. BOISE RIVER	IRRIGATION																		
63-2392F	BOISE PRO. WASTE WAT	IRRIGATION																		
63-251A	UNITED ST. BOISE RIVER	IRRIGATION																		
63-26455	SPERRY, C	GROUND WA	DOMESTIC																	
63-26623	SCHUCK, D	GROUND WA	DOMESTIC																	
63-26633	TRUEBLOO	GROUND WA	DOMESTIC																	
63-26633	TRUEBLOO	GROUND WA	STOCKWATER																	
63-27100	BOUY, L	NI	GROUND WA																	
63-27507	LEWIS, EAF	GROUND WA	DOMESTIC																	
63-27724	BATES, JER	GROUND WA	DOMESTIC																	
63-27724	BATES, JER	GROUND WA	STOCKWATER																	
63-28636	ROBERTS, I	GROUND WA	DOMESTIC																	
63-28806	MARTIN, D	GROUND WA	DOMESTIC																	
63-2899	BATES, JER	GROUND WA	IRRIGATION																	
63-2908A	ALLEN, JOE	GROUND WA	IRRIGATION					1.5	39	39.5	6	25								25
63-2908B	ALLEN, BO	GROUND WA	DOMESTIC																	86
63-301A	UNITED ST. BOISE RIVER	IRRIGATION																		
63-302A	UNITED ST. BOISE RIVER	IRRIGATION																		
63-3102	BATES, VIR	GROUND WA	IRRIGATION																	
63-3102A	BATES, VIR	GROUND WA	IRRIGATION																	50
63-31663	COULSON, G	ROUND WA	DOMESTIC					1.5	39	39.5	6									86
63-3268	IDAHO FAR	GROUND WA	IRRIGATION																	
63-33251	BOISE PRO. INDIAN CREE	IRRIGATION																		121
63-33253	BOISE PRO. TENMILE CR	IRRIGATION																		
63-372	BARKER	R/BOISE RIVER	IRRIGATION																	
63-373A	UNITED ST. BOISE RIVER	IRRIGATION																		
63-5171	PAYETTE F	GROUND WA	DOMESTIC																	
TOTAL								2	39	39.5	10									90.5

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Basin/Sequit Owner	Source	Use	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total Acres
03N04W5			43	43			43	43											172
63-11103	WILLIAMS	GROUND WA IRRIGATION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-136	BARKER R	BOISE RIVER IRRIGATION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-137B	BARKER R	BOISE RIVER IRRIGATION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-19648	WILLIAMS	GROUND WA DOMESTIC																	
63-200A	BARKER R	BOISE RIVER IRRIGATION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-2106	UNITED ST	FIVEMILE CR IRRIGATION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-233K	AMERICAN	BOISE RIVER IRRIGATION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-2388A	UNITED ST	BOISE RIVER IRRIGATION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-2392F	BOISE PRO	WASTE WAT IRRIGATION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-251A	UNITED ST	BOISE RIVER IRRIGATION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-2743	B W PRODI	GROUND WA IRRIGATION	40	40			40	40											160
63-2857	VAN SLYKI	GROUND WA IRRIGATION											15	40					55
63-2881A	BAIRD, REI	GROUND WA IRRIGATION															25	30	55
63-29007	VAN SLYKI	GROUND WA DOMESTIC															X		
63-29007	VAN SLYKI	GROUND WA STOCKWATER															X		
63-2983A	ARROW FA	GROUND WA IRRIGATION																	
63-301A	UNITED ST	BOISE RIVER IRRIGATION	X	X	40	11	X	X	X	X	X	X	X	X	X	X	X	X	51
63-302A	UNITED ST	BOISE RIVER IRRIGATION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-3086	B W PRODI	GROUND WA IRRIGATION	40	40			40	40											160
63-3208	WARNTJES	GROUND WA IRRIGATION	40	40			40	40											160
63-32547	MITCHELL,	GROUND WA DOMESTIC							X										
63-33251	BOISE PRO	INDIAN CREE IRRIGATION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-33253	BOISE PRO	TENMILE CR IRRIGATION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-33530	CHRISTIE, I	GROUND WA IRRIGATION	X	X			X	X			2.3								2.3
63-372	BARKER R	BOISE RIVER IRRIGATION	X	X			X	X											
63-373A	UNITED ST	BOISE RIVER IRRIGATION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-4761	VAN SLYKI	GROUND WA COMMERCIAL							X										
63-4761	VAN SLYKI	GROUND WA DOMESTIC							X										
63-8408A	ARROW FA	GROUND WA IRRIGATION																	
63-8776	BARTLETT,	GROUND WA IRRIGATION			40	15				40									165
63-9132	VAN SLYKI	GROUND WA DOMESTIC							X								39		39
63-9244	BARTLETT,	GROUND WA DOMESTIC							X										
TOTAL			43	43			43	43											172

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Basin/Seq	Owner	Source	Use	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total Acres
03N04W6				42										32						42
63-11103	WILLIAMS	GROUND WA	IRRIGATION																	32
63-11786	GARRETT	F GROUND WA	DOMESTIC																	
63-12234	SYME, PAT	GROUND WA	DOMESTIC																	
63-136	BARKER R	BOISE RIVER	IRRIGATION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-137B	BARKER R	BOISE RIVER	IRRIGATION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-200A	BARKER R	BOISE RIVER	IRRIGATION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-20562	VAN SLYKI	GROUND WA	DOMESTIC																	
63-20562	VAN SLYKI	GROUND WA	IRRIGATION																	
63-20562	VAN SLYKI	GROUND WA	STOCKWATER																	1
63-2106	UNITED ST. FIVEMILE CR	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-21421	OLSEN, EVI	GROUND WA	DOMESTIC																	
63-233K	AMERICAN	BOISE RIVER	IRRIGATION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-23426	FORTNER, I	GROUND WA	DOMESTIC																	
63-23661	MOULTON, G	ROUND WA	DOMESTIC																	
63-2388A	UNITED ST. BOISE RIVER	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-2392F	BOISE PRO. WASTE WA	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-251A	UNITED ST. BOISE RIVER	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-25831	BUCKY, CON	GROUND WA	DOMESTIC																	
63-26614	TAGGART, G	ROUND WA	DOMESTIC																	
63-2743	B W PRODI	GROUND WA	IRRIGATION	40																40
63-28017	GARRETT F	GROUND WA	DOMESTIC																	
63-28017	GARRETT F	GROUND WA	STOCKWATER																	
63-28493	FREELove, SPRING	DOMESTIC																		
63-301A	UNITED ST. BOISE RIVER	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-302A	UNITED ST. BOISE RIVER	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-3086	B W PRODI	GROUND WA	IRRIGATION	40																40
63-3208	WARTIES	GROUND WA	IRRIGATION	40																40
63-32569	VAN SLYKI	GROUND WA	IRRIGATION																	21
63-33251	BOISE PRO. INDIAN CREEK	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-33253	BOISE PRO. TENMILE CR	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-373A	UNITED ST. BOISE RIVER	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
TOTAL				42																42

**WELL LOG AND REPORT TO THE
STATE RECLAMATION ENGINEER OF IDAHO**

027696

RECEIVED
FEB 1 1957

Department of Reclamation

Log No. _____

Rec. _____, 19____

Well No. _____

Permit No. _____

(DO NOT FILL IN)

Owner William Conn Address Caldwell, Idaho

Driller Leonard Davis Address 273 Danish Lic. No. 100

Location of Well: NE 1/4 W 1/4 Sec. 5, T. 3 N. R. 4 W Chambers County,
and 760 feet N/S, and 50 feet E/W from NW Corner of NE 1/4 W 1/4 Sec. 5

Size of Drilled Hole 12 in Total depth of Well 325 feet

Give depth of standing water from surface 150 feet Water Temp. _____ °Fahrenheit

On pumping test delivery was 1100 g.p.m. or _____ c.f.s. Drawdown was 35 feet.

Size of pump and motor used to make the test 260' - 8" x 10-10" binder - 150 H.P. 2nt. motor

Length of time pumped during check was 51 hr. & c. 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 irrigation Weight of casing per linear foot 20.1

Thickness of casing 10 gauge Casing material steel

E.G., PIPE, CONCRETE, WOOD.

Diameter, length and location of casing 276 ft 12 in 52 ft 11 in perforated liner
(CASING 12" IN DIAMETER AND UNDER GIVE INSIDE DIAMETER;
CASING OVER 12" IN DIAMETER GIVE OUTSIDE DIAMETER)

Number and size of perforations 1 1/2" located 140 feet to 260 feet
from surface of ground.

Other perforations 52 feet 11 in perforated liner 1/2" x 2"

Date of commencement of well Nov. 56 Date of completion of well Jan 57

Type of well rig Bucyrus Erie 20 W.

CASING RECORD

DIAM. CASING	FROM FEET	TO FEET	LENGTH	REMARKS - SEALS, GROUTING, ETC.
12 in	Surface	276 ft	276 ft	6 ft. liner inside 12 in casing
11 in	276	322	52 ft	

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

NE W 5.5 3N 4W

027697

WELL LOG

From Feet	To Feet	Type of Material	Drilling Time		Water-bearing Formation Ans. Yes or No	Casing Perforated Ans. Yes or No
			Hrs.	Min.		
Surface	2 1/2	top soil				
2	4	Hard pan				
4	30	gravel				
30	38	Sandy clay				
38	48	Hard clay				
48	56	coarse sand.				
56	72	clay & coarse sand				
72	82	sandy clay				
82	96	fine sand				
96	120	sandy clay				
120	148	Hard clay shale			yes	
148	178	fine sand			yes	
178	208	Hard blue clay shale			yes	
208	228	sandy clay shale			yes	
228	239	fine sand			yes	
239	244	yellow clay shale			yes	
244	276	Blue sand finer & coarse			yes	
276	284	sandy shale & clay			yes	
284	290	Hard blue clay			yes	
If more space is required use Sheet No. 2						

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true and correct to the best of my knowledge and belief.

Signed Leonard Davis
By Mrs Leonard Davis

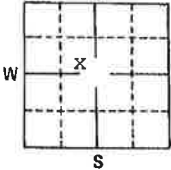
License No. 100

Dated Jan 26 1957

NEW S. 53N 4W

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 <u>John Williamson (Williamson Orchards)</u> Address <u>14252 Sunnyslope Rd.</u> <u>Caldwell, ID 83605</u> Owner's Permit No. <u>63-02908 - 63-90-W-048</u>		7. WATER LEVEL Static water level <u>80</u> feet below land surface. Flowing? ☐ Yes ☐ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature <u>OF</u> Quality _____ <i>Describe artesian or temperature zones below</i>																																																																																																																																																																																																																						
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6. LOCATION OF WELL Sketch map location must agree with written location.  County <u>Canyon</u> Subdivision Name _____ Lot No. _____ Block No. _____ JUL 20 1990		11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>PETE COPE DRILLING CO., INC.</u> Firm No. <u>213</u> Address <u>6505 West Chinden Blvd.</u> <u>Meridian, ID</u> Date <u>5/4/90</u> Signed by (Firm Official) _____ and (Operator) <u>Joseph Jones</u>																																																																																																																																																																																																																						

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR
BALLPOINT PEN

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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
JUN 20 1990

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6. LOCATION OF WELL Sketch map location must agree with written location. <table border="1"><tr><td>N</td><td> </td><td> </td><td> </td></tr><tr><td>W</td><td> </td><td> </td><td>E</td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td>S</td><td> </td><td> </td><td> </td></tr></table> County <u>Canyon</u> <u>SE 1/4 NW 1/4 Sec. 4 T.3N S. 4 R. 4W</u> Subdivision Name _____ Lat No. _____ Block No. _____ JUN 21 1991		N				W			E					S				12. USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT																																																																																						
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pg 3 of 3

CASING SCHEDULE
WILLIAMSON ORCHARDS

RECEIVED
JUN 20 1990

Department of Water Resources
Western Regional Office

CASING

+18"	-	180'	-	181'
190'	-	230'	-	40'
250'	-	300'	-	50'
320'	-	330'	-	10'
				281' C

SCREENS

180'	-	190'	-	10'
230'	-	250'	-	20'
300'	-	320'	-	20'
				50' S

63-90-W-0048

3N 4W sec 4

RECEIVED

JUN 21 1991

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCESUSE 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 JOHN A. WILLIAMSON
Address 14252 SUNNYSLOPE CALDWELL 83605
Drilling Permit No. 63-92-W-465
Water Right Permit No. 63-11103

2. NATURE OF WORK NEW WELL
☐ 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 IRRIGATION
☐ Domestic ☐ Irrigation ☐ Monitor
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED REVERSE ROTARY
☐ Rotary ☐ Air ☐ Auger ☐ Reverse rotary
☐ Cable ☐ Mud ☐ Other _____ (backhoe, hydraulic, etc.)

5. WELL CONSTRUCTION SEE ATTACHED
Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____
Thickness _____ inches Diameter _____ inches From _____ feet To _____ 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 ROSCOE MOSS Type VEE WIRE
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 or gravel 3/8
Placed from 705 feet to 130 feet
Surface seal depth 130 Material used in seal: ☐ Cement grout
☒ Bentonite ☒ Pudding clay ☐ _____
Sealing procedure used: ☐ Slurry pit
☐ Temp. surface casing ☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded
☐ Solvent Weld ☐ Cemented between joints
Describe access port 2" PIPE

6. LOCATION OF WELL
Sketch map location must agree with written location of Water Resources
Subdivision Name Western Regional Office
Lot No. _____ Block No. _____
County CANYON
Address of Well Site USICK RD
(give at least name of road)
T. 3N N ☐ or S ☐
R. 4W E ☐ or W ☐
NE 1/4 NW 1/4 Sec. 5

7. WATER LEVEL 125
Static water level _____ 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 NOT AVAILABLE
☐ Pump ☐ Bailer ☐ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped

9. LITHOLOGIC LOG

Bore Diam.	Depth		Material	Water	
	From	To		Yes	No
3A	0	3	TOPSOIL		X
	3	4	HARDEAN		X
	4	20	FINE TO CRSE SAND		X
	20	55	LITE BRN CLAY		X
	55	87	FINE TO CRSE SAND		X
	87	135	LITE GREEN CLAY		X
	135	145	FINE SAND	X	
	145	205	LITE BRN CLAY		X
	205	208	FINE SAND	X	
	208	255	LITE BRN CLAY		X
	255	274	GREY CLAY		X
	274	289	FINE TO CRSE SAND	X	
	289	362	GREY CLAY		X
	362	370	FINE SAND	X	
	370	374	SHALE BALLS & SAND	X	
	374	395	GREY CLAY		X
	395	399	FINE SAND	X	
	399	403	GREY CLAY		X
	403	405	FINE TO MED SAND	X	
	405	417	GREY CLAY		X
	417	423	FINE SAND	X	
	423	425	SANDY BRN CLAY		X
	425	433	FINE TO CRSE SAND	X	
	433	452	SANDY GREY CLAY		X
	452	469	FINE SAND	X	
	469	475	DARK BRN CLAY		X
	475	527	SANDY GREY CLAY		X
	527	530	FINE SAND	X	
	530	540	SANDY GREY CLAY		X
	540	550	FINE SAND	X	
	550	622	GREY CLAY		X
	622	626	FINE SAND	X	
	626	645	GREY CLAY		X
	645	661	FINE TO MED SAND	X	
	661	671	SANDY GREY CLAY		X

CONTINUED

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 PETE COPE DRILLING Firm No. 213
Address 6505 W CHINDEN Date 7/29/92
Signed by Drilling Supervisor Joseph Jones
and Kern Chastain
(Operator) (If different than the Drilling Supervisor)

7/14/92 Work started _____ finished _____ 7/22/92

RECEIVED JUL 31 1992

WILLIAMSON FRUIT RANCH
14252 SUNNY SLOPE ROAD
CALDWELL ID 83605
Permit# 63-92-W-465

"16" casing record .250 wall welded

1.5	-	365	366.5
375	-	425	50
435	-	450	15
470	-	540	70
550	-	655	105
695	-	705	10

616.5 total casing

16" Screen record .40 slot Roscoe Moss Continuous wire.

365	-	375	10
425	-	435	10
450	-	470	20
540	-	550	10
655	-	695	40

90 total screen

706.5 total screen+casing

6" Casing Record .250 Wall Welded

1.5	-	419	420.5
439	-	457	18

438.5

6" Screen Record .35 Slot ROSCOE MOSS Continuous wire

419	-	439	20
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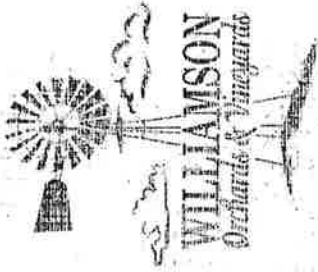
10

448.5 total casing + screen

MICROFILMED

DEC 04 1992

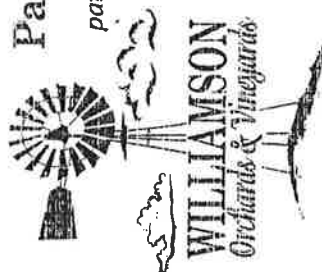
3N 4W sec 5



Mike Williamson
Owner & General Manager
mikew@willorch.com

14807 Sunnyslope Rd.
Caldwell, ID 83607

Office: (208) 459-3322
Cell: (208) 573-6931
www.williamson.wine



Patrick Williamson
Owner & Vineyard Manager
patrick.williamson00@gmail.com

14807 Sunnyslope Rd.
Caldwell, ID 83607

Office: (208) 459-3322
Cell: (208) 965-9334
www.williamson.wine

Parker, Cody

From: Michael Williamson <mikew@willorch.com>
Sent: Monday, December 11, 2017 11:26 AM
To: Parker, Cody; patrick.williamson00@gmail.com
Subject: Re: Water Right Permit No. 63-11103

Hi Cody,

We have been looking for info from the wells you asked about in that time period around 92 and we have come up with some info but not all. Maby you can fill in the data with the records you have on those wells.

starting west to east:

west of vanslyke well; 240' depth, 155ft deep pump, 60hp pump, 675 gpm.

well by our peaches close to golf course; 750' depth, 125 pumping water level, 90hp?

well by Rowleys cherries (working well), 325' depth of well, 75hp,

well by apples and mora canal(working well); 300 ft depth of pump, 60hp

These are to the best of our knowledge and the best of our records. We have not exhausted all our records yet but wanted to get you something. We will continue to look. I did see that to the best of our understanding the permit number you are asking about is for the failed well by our peaches. What do we need to do to keep that permit alive? Drill another well? We do have need for frost control in our fruit that only a well can provide. The early frost that damages fruit blossoms come before the water is in the canal so a well that can supply most of our fruit ground with water could have saved our peach crop last year when we saw 50% reduction in yield.

Let us know how we can help.

Thanks

Mike and Patrick Williamson

On 9/13/2017 2:07 PM, Parker, Cody wrote:

Patrick and Mike Williamson,

I am writing concerning the water right permit referenced in the subject line of this email. We completed the field exam for the permit on August 15. I am working on drafting the license for your water right, and I need some more information regarding the wells used for irrigation of this place of use. I am sending out a letter requesting the information in the mail. I have attached the letter and the map that it references to this email. Please review the letter and submit the information to the best of your ability. Also, please excuse the letter's boilerplate language regarding voiding the permit. If you are going to be past the 30-day deadline just let me know so I know you guys are working on collecting the information. Please let me know if you have any questions. I appreciate all your help.



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

September 15, 2017

JOHN WILLIAMSON
19550 EAT A BITE LN
CALDWELL ID 83607

RE: Water Right Permit No. 63-11103

Dear Mr. Williamson,

Thank you for meeting with me on August 15, 2017 for the field exam for the permit referenced above. I am currently working on completing the report and drafting a license for your water right. However, before I can finish the report I need historical information for the wells used to irrigate the place of use in 1992. The permit authorizes the use of 5 separate wells. From my notes, it appears that 1 well located in the Lot 4 (NWNW) of Section 4, (see enclosed map) was never used. Of the remaining 4 wells, 2 are currently abandoned. However, I am requesting information for all the wells used to irrigate in 1992. I need you to provide the following information for each well to the best of your ability:

- Well depth
- Depth that pump was set below ground surface.
- Pumping water level (static level if pumping level is not known)
- Pump horsepower
- Discharge/line pressure

In addition, any estimates of flow rates from these wells would be helpful for checking my calculations.

Thank you in advance for any help you can provide. I look forward to your reply. At this time, I must ask that you reply within thirty (30) days of the date of this letter. If I don't receive a response within this time I will assume that you do not have any further interest in pursuing the water right license, and I will take action to void the permit. Please let me know if you need additional time to collect this information.

IDWR forms and other information can be found online at www.idwr.idaho.gov. Please contact me with any questions or concerns. I can be reached at 208-334-2190 or by email at cody.parker@idwr.idaho.gov.

Respectfully,

Cody Parker
Water Resource Agent
IDWR Western Region
208.334.2190
cody.parker@idwr.idaho.gov

Enclosed: Map
CC: Patrick Williamson, Mike Williamson



State of Idaho

DEPARTMENT OF WATER RESOURCES

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Phone: (208) 334-2190 • Fax: (208) 334-2348 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

May 4, 2017

JOHN A WILLIAMSON
19550 EAT-A-BITE LN
CALDWELL ID 83607

RE: Scheduling Field Exam for Water Right Permit No. 63-11103

Dear Permit Holder:

We are planning to conduct water right examinations in the vicinity of the above-referenced permit **this season**. An examination is needed to verify the water use in order to issue a water right license.

The above-referenced permit authorizes **2.40 cfs** of **GROUND WATER** for **irrigation** use. **If you have developed a beneficial use and still own the place of use property, please contact me at your earliest convenience to schedule an examination.**

If you did not develop a beneficial use of water under the permit during the beneficial use period, a license cannot be issued and the permit should be relinquished. If that use was developed, but have ceased using the water and you currently carry no interest in it, please relinquish the permit by submitting the enclosed Relinquishment of Permit form (no fee required).

If you did develop a beneficial use of water under the permit, but you no longer own the place of use property identified in the permit, please submit the enclosed Assignment of Permit form with the applicable \$25 processing fee.

Please contact me within the next thirty (30) days at (208) 334-2190 to either schedule an examination or submit a relinquishment or assignment form. If you no longer own the place of use property and/or do not respond to this letter, the department will work with the current property owner to issue a license or void the permit.

Sincerely,

Cody Parker
Water Resource Agent

Enclosures: Relinquishment of Permit form
Assignment of Permit form
Water Permit Report and Map