

RECEIVED

NOV 19 2010

DEPARTMENT OF
WATER RESOURCES

Attorney Name & Address:

James P. Speck, ISB#2067
Speck & Aanestad
A Professional Corporation
120 East Avenue
P. O. Box 987
Ketchum, Idaho 83340
(208) 726-4421
FAX: (208) 726-0752

Attorneys for Darrell E. McDonald and Norman K. Sowards

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLS

In Re SRBA	)	Subcase Nos. 34-2459, 34-2460, 34-2461,
	)	34-2462, and 34-10925
Case No. 39576	)	
	)	AFFIDAVIT OF DARRELL E.
	)	MCDONALD
	)	

STATE OF IDAHO	)
	:ss
County of Butte	)

I, DARRELL E. MCDONALD, being over the age of eighteen years, make this affidavit based on personal information.

1. I own property south of Arco, Idaho. Appurtenant to that property are water rights diverted from a well located north of Arco between two large wells commonly referred to as the "Island Wells" owned by Charles Isom. My water rights are delivered to my property through the Big Lost River Irrigation District canal system. I understand Mr. Isom now wants to make these wells additional points of diversion for five of his water rights which presently are pumped only from wells down north of the Arco airport(the "Airport Wells") to irrigate his ranch south of the airport. I also understand those five rights were previously decreed in the SRBA for a total combined diversion rate of 12.5 cfs. In 1998, Mr. Isom purchased all of these wells, the water rights and the

farm land south of the airport from Crater Farms, Inc. My father-in-law, Willard Bell, was one of the owners and president of Crater Farms, Inc.

2. I have three groundwater irrigation rights, 34-2480A, 34-7028 and 34-7234, which are pumped from a well located between the Island Wells. The relative location of these wells is depicted on Exhibit A attached to this Affidavit. Copies of the Partial Decrees for my water rights are attached as Exhibits B, C and D. The combined diversion rate for these three water rights is limited to 6.6 cfs.

3. I leased the land irrigated by these water rights and the well from Spencer Toone during the 1990's, and from Ethan Ford from 2001 through 2003, and then purchased all of it in 2004 from Ethan Ford. I did not retain an attorney to assist me with the water rights related to my property. My water rights were decreed in the SRBA in December, 1997 to Spencer Toone, the owner before Ethan Ford. I do not subscribe to the court's docket sheet. In fact, I didn't know it existed until a week or so ago.

4. In January 2009, Don Isom asked my wife, Nancy, to call her mother and ask her to give him permission to get the power records for the Island Wells from the time when Nancy's father, Willard Bell, was the owner. He told us they wanted to pump from the Island Wells if the Airport Wells went down. At the time I thought the water rights for the Airport Wells were approximately 300 - 350 inches. Don did not tell me they were for 625 inches and that they had already filed in the SRBA to make this change. I assumed notice of the actual change would be advertised in our local paper like any other change in a water right, so I wasn't that concerned at that time. I had no idea, and Don certainly did not tell me in January 2009, that Mr. Isom was attempting to acquire the right to legally more than double the amount of water that he pumps from the Island Wells into the Island Canal and takes completely out of our valley until Doug Schureman told me about this in September, 2010. I then discussed this with Norm Sowards, another land and well owner in the vicinity of the Island Wells. Norm was out of town and planned to return toward the end of October, so we agreed to talk to an attorney about this when he got back.

5. I then contacted Mr. James P. Speck in late October to assist Norm and me in opposing the change in Mr. Isom's water rights. However, we were not able to meet with Mr. Speck to discuss these matters until November 5, 2010.

6. My well was drilled in 1979. A copy of the Well Driller's Report is attached as Exhibit E. The pump test performed by the well driller showed the well delivered about 8.3 cfs from approximately 60 ft. deep. In 1980, the licensing field exam for 34-7234 found the well had a capacity of 6.66 cfs. Copies of the relevant pages from the report are attached as Exhibit F.

7. In 2004 I had the pump pulled and cleaned, lowered the bowls and increased the horsepower, all at an expense of almost \$26,000, to compensate for the dropping water table.

8. I understand that the changes requested by Mr. Isom to his water rights would allow him to pump 24.5 cfs from the two Island Wells at any and all times throughout the irrigation season. It would also allow him to pump a total of 8,441.5 acre feet from these two wells to irrigate 1,980 acres more than 9 miles South of my wells, which is approximately 4.3 acre feet per acre irrigated. This is far in excess of the volume amounts for other ground water rights in the vicinity of the Island Wells, including mine.

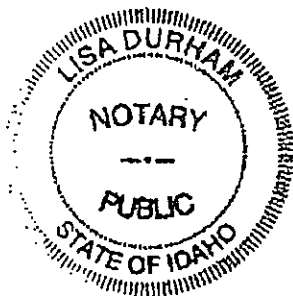
9. I have reviewed printouts from online records of the discharge of the two Island Wells into the Big Lost River Irrigation District canal system for the period of 2003 through 2009. The maximum amount for any single year was 4,784 acre-feet, which is only 57% of the amount of water Mr. Isom seeks permission to divert from these wells.

10. I am aware of the condition proposed to be added to Mr. Isom's water rights that gives the additional diversions from the Island Wells above the 12 cfs allowed under 34-7037 a 1982 priority date. My water rights described above are senior to 1982. To protect and be sure I get the full amount of my water rights I will have to make a priority call and rely on the Watermaster to somehow get the Island Wells' output limited to 12 cfs. If and when this can be done, the negative impact on the local water table and thus my ability to divert the full amount of my water rights will have occurred. Based on my experience farming my land using my ground water rights, I do not believe the water table will recover in time to avoid injury to my water rights. Furthermore, the time required for the completion of the enforcement of such a water delivery call will likely result in some serious damage to my crops due to my inability to divert and deliver the full amount of my above described senior ground water rights.

11. All of the water pumped from the Island Wells is removed from the portion of the aquifer from which I pump water for my water rights described above. If Mr. Isom is granted the

right to legally pump from the Island Wells at more than twice the rate he can pump under his existing water rights. I firmly believe that I will soon be forced to drill deeper to attempt to regain the ability to divert the amounts of water to which I am entitled under my senior water rights at great expense to me.

DATED this 17 day of November, 2010.



Darrell E. McDonald
DARRELL E. MCDONALD

SUBSCRIBED AND SWORN to before me this 17th day of November, 2010.

Lisa Durham
Notary Public for Idaho
Residing at: Arco, ID
Comm. Expires: 7-30-16

CERTIFICATE OF SERVICE

I hereby certify that on the 17th day of November, 2010, I served a true and correct copy of the foregoing on the following persons in the manner designated below:

Chief, Natural Resources Division
Office of the Attorney General, State of Idaho
P. O. Box 44449
Boise, ID 83711-4449

- ☒ United States Mail, Postage Prepaid
- ☐ Hand Delivery
- ☐ Facsimile, with copy by United States Mail, Postage Prepaid

The United States Department of Justice
Environmental and Natural Resources
Division
550 West Fort Street
Box 33
Boise, ID 83724

- ☒ United States Mail, Postage Prepaid
- ☐ Hand Delivery
- ☐ Facsimile, with copy by United States Mail, Postage Prepaid

Idaho Department of Water Resources
Document Depository
P.O. Box 83720
Boise, ID 83720-0098

- ☒ United States Mail, Postage Prepaid
- ☐ Hand Delivery
- ☐ Facsimile, with copy by United States Mail, Postage Prepaid

Mr. Paul Arrington
Barker, Rosholt & Simpson, LLP
113 Main Ave. West, Suite 303
P.O. Box 485
Twin Falls ID 83303-0485

- ☐ United States Mail, Postage Prepaid
- ☐ Hand Delivery
- ☒ Facsimile, with copy by United States Mail, Postage Prepaid

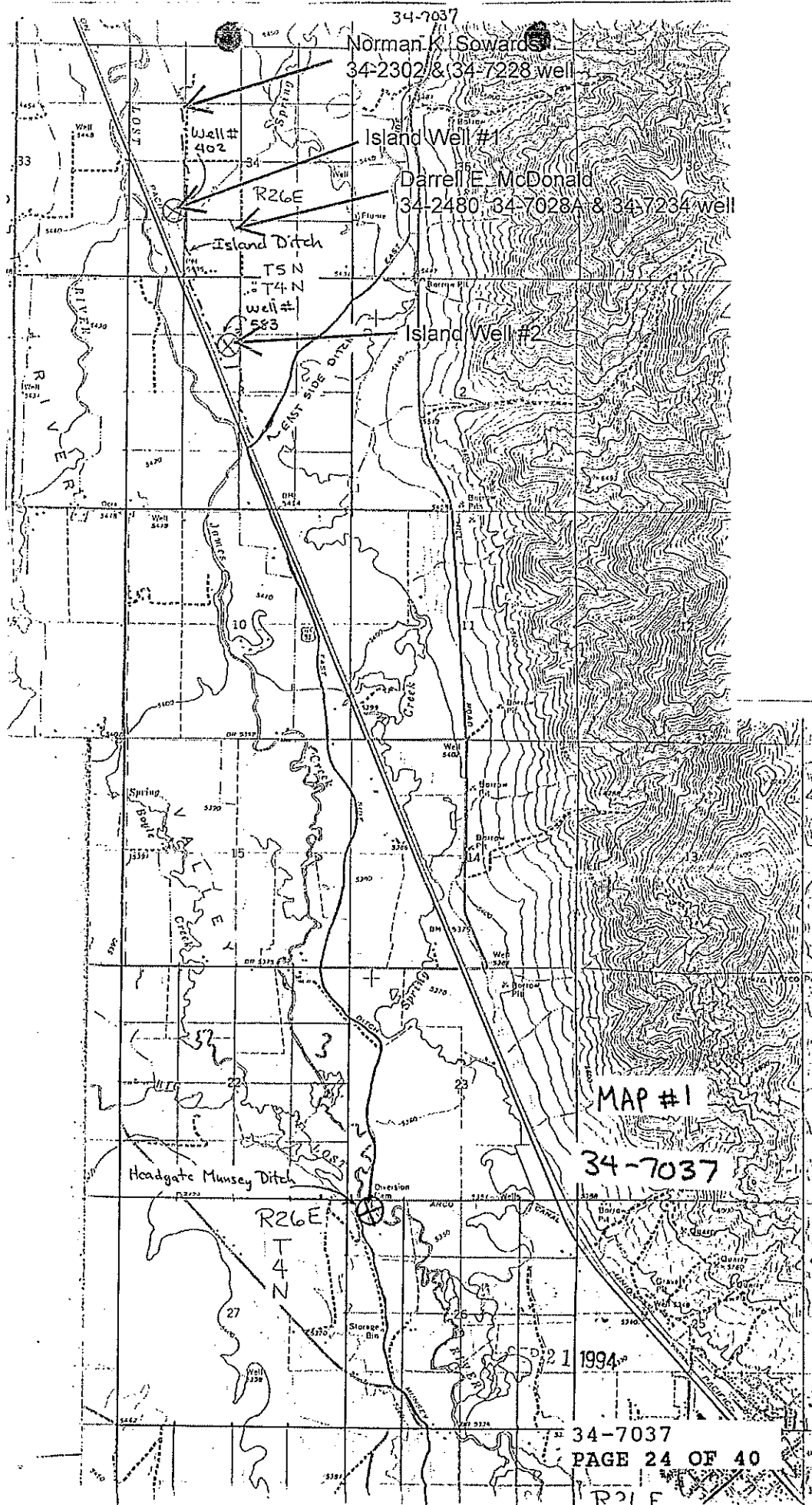
Mr. Robert L. Harris
Holden, Kidwell, Hahn & Crapo, P.L.L.C.
P.O. Box 50130
1000 Riverwalk Dr., Suite 200
Idaho Falls, ID 83405

- ☐ United States Mail, Postage Prepaid
- ☐ Hand Delivery
- ☒ Facsimile, with copy by United States Mail, Postage Prepaid

W. Kent Fletcher
Fletcher Law Office
P.O. Box 248
Burley, ID 83318

- ☐ United States Mail, Postage Prepaid
- ☐ Hand Delivery
- ☒ Facsimile, with copy by United States Mail, Postage Prepaid


JAMES P. SPECK



IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLS

In Re SRBA)
) PARTIAL DECREE PURSUANT TO
Case No. 39576) I.R.C.P. 54(b) FOR
)
) Water Right 34-02480A

NAME & ADDRESS: SPENCER W TOONE
ELEANOR TOONE
585 LILAC ST
BLACKFOOT ID 83221

SOURCE: GROUNDWATER

POINT OF INJECTION INTO AND POINT OF REDIVERSION FROM THE BIG
LOST RIVER.

QUANTITY: 0.79 CFS

THIS RIGHT AND RIGHT NOS. 34-07028A AND 34-07234 ARE LIMITED
TO A TOTAL COMBINED DIVERSION RATE OF 6.60 CFS AND TO A TOTAL
COMBINED ANNUAL DIVERSION VOLUME OF 1071 AF.

USE OF THIS RIGHT WITH THE RIGHTS LISTED BELOW IS LIMITED TO A
TOTAL COMBINED DIVERSION RATE OF 9.58 CFS.
COMBINED RIGHT NOS.: 34-00196D, 34-10100, 34-02491B, 34-00195C,
34-07028A AND 34-07234.

PRIORITY DATE: 05/01/1986

POINT OF DIVERSION: T05N R26E S34 NESESW Within BUTTE County
T04N R26E S26 NWNWNW (INJECTION)
NWNWNW (REDIVERSION)

PURPOSE AND PERIOD OF USE: PURPOSE OF USE PERIOD OF USE QUANTITY
IRRIGATION Irrigation Season 0.79 CFS

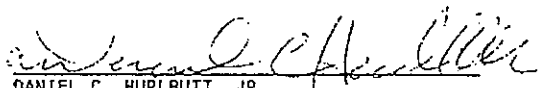
PLACE OF USE: IRRIGATION Within BUTTE County
T03N R27E S10 SWNE 39 NENW 29 NWNW 38 SNNW 39
SENE 40 NWSE 39
224 ACRES TOTAL

USE OF THIS RIGHT WITH RIGHT NO. 34-07028A IS LIMITED TO THE
IRRIGATION OF A COMBINED TOTAL OF 224 ACRES IN A SINGLE
IRRIGATION SEASON.

USE OF THIS RIGHT WITH THE RIGHTS LISTED BELOW IS LIMITED TO
THE IRRIGATION OF A COMBINED TOTAL OF 306 ACRES IN A SINGLE
IRRIGATION SEASON.
COMBINED RIGHT NOS.: 34-00196D, 34-10100, 34-02491B, 34-00195C,
34-07028A AND 34-07234.

RULE 54(b) CERTIFICATE

With respect to the issues determined by the above judgment or order, it is hereby CERTIFIED, in accordance
with Rule 54(b), I.R.C.P., that the court has determined that there is no just reason for delay of the entry of a
final judgment and that the court has and does hereby direct that the above judgment or order shall be a final
judgment upon which execution may issue and an appeal may be taken as provided by the Idaho Appellate Rules.


DANIEL C. HURLBUTT, JR.
PRESIDING JUDGE
Snake River Basin Adjudication

PARTIAL DECREE PURSUANT TO I.R.C.P. 54(b)
Water Right 34-02480A

PAGE 1
NOV-26-1997

EXHIBIT B

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLS

In Re SR8A)
Case No. 39576)
PARTIAL DECREE PURSUANT TO
I.R.C.P. 54(b) FOR
Water Right 34-07028A

NAME & ADDRESS: SPENCER W TOONE
ELEANOR TOONE
585 LILAC ST
BLACKFOOT ID 83221

SOURCE: GROUNDWATER

POINT OF INJECTION INTO AND POINT OF REDIVERSION FROM THE BIG
LOST RIVER.

QUANTITY: 4.3 CFS

THIS RIGHT AND RIGHT NOS. 34-02480A AND 34-07234 ARE LIMITED
TO A TOTAL COMBINED DIVERSION RATE OF 6.60 CFS AND TO A TOTAL
COMBINED ANNUAL DIVERSION VOLUME OF 1071 AF.
USE OF THIS RIGHT WITH THE RIGHTS LISTED BELOW IS LIMITED TO A
TOTAL COMBINED DIVERSION RATE OF 9.58 CFS.
COMBINED RIGHT NOS.: 34-00196D, 34-10100, 34-02491B, 34-00195C,
34-02480A AND 34-07234.

PRIORITY DATE: 08/01/1972

POINT OF DIVERSION: T05N R26E S34 NESESW Within BUTTE County
T04N R26E S26 NWNWNW (INJECTION)
NWNWNW (REDIVERSION)

PURPOSE AND PERIOD OF USE:	PURPOSE OF USE	PERIOD OF USE	QUANTITY
	IRRIGATION	Irrigation Season	4.3 CFS

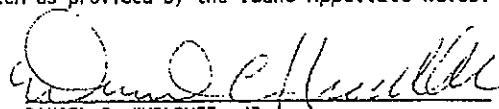
PLACE OF USE:	IRRIGATION	Within BUTTE County			
	T03N R27E S10	SWNE 39	SENE 29	NWNW 38	SWNW 39
		SENE 40	NWSE 39		
	224 ACRES TOTAL				

USE OF THIS RIGHT WITH RIGHT NO. 34-02480A IS LIMITED TO THE
IRRIGATION OF A COMBINED TOTAL OF 224 ACRES IN A SINGLE
IRRIGATION SEASON.

USE OF THIS RIGHT WITH THE RIGHTS LISTED BELOW IS LIMITED TO
THE IRRIGATION OF A COMBINED TOTAL OF 306 ACRES IN A SINGLE
IRRIGATION SEASON.
COMBINED RIGHT NOS.: 34-00196D, 34-10100, 34-02491B, 34-00195C,
34-02480A AND 34-07234.

RULE 54(b) CERTIFICATE

With respect to the issues determined by the above judgment or order, it is hereby CERTIFIED, in accordance with Rule 54(b), I.R.C.P., that the court has determined that there is no just reason for delay of the entry of a final judgment and that the court has and does hereby direct that the above judgment or order shall be a final judgment upon which execution may issue and an appeal may be taken as provided by the Idaho Appellate Rules.


DANIEL C. HURLBUTT, JR.
PRESIDING JUDGE
Snake River Basin Adjudication

PARTIAL DECREE PURSUANT TO I.R.C.P. 54(b)
Water Right 34-07028A

PAGE 1
NOV-26-1997

EXHIBIT C

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLS

In Re SRBA)
) PARTIAL DECREE PURSUANT TO
) I.R.C.P. 54(b) FOR
Case No. 39576)
)
) Water Right 34-07234

NAME & ADDRESS: SPENCER W TOONE
ELEANOR TOONE
585 LILAC ST
BLACKFOOT ID 83221

SOURCE: GROUNDWATER

POINT OF INJECTION INTO AND POINT OF REDIVERSION FROM THE BIG
LOST RIVER.

QUANTITY: 1.66 CFS

THIS RIGHT AND RIGHT NOS. 34-07028A AND 34-02480A ARE LIMITED
TO A TOTAL COMBINED DIVERSION RATE OF 6.60 CFS AND TO A TOTAL
COMBINED ANNUAL DIVERSION VOLUME OF 1,071 AF.

USE OF THIS RIGHT WITH THE RIGHTS LISTED BELOW IS LIMITED TO A
TOTAL COMBINED DIVERSION RATE OF 9.58 CFS.
COMBINED RIGHT NOS.: 34-00196D, 34-10100, 34-02491B, 34-00195C,
34-07028A AND 34-02480A.

PRIORITY DATE: 08/15/1979

POINT OF DIVERSION: T05N R26E S34 NESESW Within BUTTE County
T04N R26E S26 NWNWNW (INJECTION)
NWNWNW (REDIVERSION)

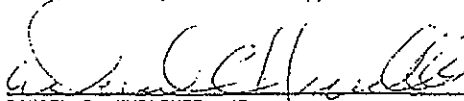
PURPOSE AND PERIOD OF USE:	PURPOSE OF USE	PERIOD OF USE	QUANTITY
	IRRIGATION	Irrigation Season	1.66 CFS

PLACE OF USE:	IRRIGATION	Within BUTTE County		
	T03N R27E S10	NENW 9	NESW 40	NWSW 33
	82 ACRES TOTAL			

USE OF THIS RIGHT WITH THE RIGHTS LISTED BELOW IS LIMITED TO
THE IRRIGATION OF A COMBINED TOTAL OF 306 ACRES IN A SINGLE
IRRIGATION SEASON.
COMBINED RIGHT NOS.: 34-00196D, 34-10100, 34-02491B, 34-00195C,
34-07028A AND 34-02480A.

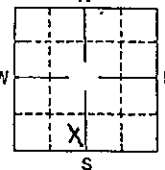
RULE 54(b) CERTIFICATE

With respect to the issues determined by the above judgment or order, it is hereby CERTIFIED, in accordance with Rule 54(b), I.R.C.P., that the court has determined that there is no just reason for delay of the entry of a final judgment and that the court has and does hereby direct that the above judgment or order shall be a final judgment upon which execution may issue and an appeal may be taken as provided by the Idaho Appellate Rules.


DANIEL C. HURLBUTT, JR.
PRESIDING JUDGE
Snake River Basin Adjudication

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>SPENCER TOONE</u> Address <u>ARCO, IDAHO 83213</u> Owner's Permit No. <u>34-7028</u>	7. WATER LEVEL Static water level <u>22</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 _____ °F. Quality <u>good</u>																																																																																																										
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) _____	8. WELL TEST DATA ☒ Pump ☐ Bailor ☐ Air ☐ Other _____																																																																																																										
3. PROPOSED USE ☐ Domestic ☒ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> <tr> <td style="text-align: center;"><u>3750</u></td> <td style="text-align: center;"><u>60'</u></td> <td style="text-align: center;"><u>8</u></td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped	<u>3750</u>	<u>60'</u>	<u>8</u>																																																																																																				
Discharge G.P.M.	Pumping Level	Hours Pumped																																																																																																									
<u>3750</u>	<u>60'</u>	<u>8</u>																																																																																																									
4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☒ Cable ☐ Dug ☐ Other _____	9. LITHOLOGIC LOG <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Hole Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th colspan="2">Water</th> </tr> <tr> <th>From</th> <th>To</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>20"</td> <td>0</td> <td>2</td> <td>TOP SOIL</td> <td></td> <td></td> </tr> <tr> <td></td> <td>2</td> <td>19</td> <td>COARSE GRAVEL</td> <td></td> <td></td> </tr> <tr> <td></td> <td>19</td> <td>33</td> <td>1" GRAVEL</td> <td></td> <td></td> </tr> <tr> <td></td> <td>33</td> <td>37</td> <td>GRAVEL</td> <td></td> <td></td> </tr> <tr> <td></td> <td>37</td> <td>39</td> <td>CLAY + GRAVEL</td> <td></td> <td></td> </tr> <tr> <td></td> <td>39</td> <td>57</td> <td>GRAVEL</td> <td></td> <td></td> </tr> <tr> <td></td> <td>57</td> <td>53</td> <td>CLAY + GRAVEL</td> <td></td> <td></td> </tr> <tr> <td></td> <td>53</td> <td>68</td> <td>GRAVEL</td> <td></td> <td></td> </tr> <tr> <td></td> <td>68</td> <td>75</td> <td>CLAY + GRAVEL</td> <td></td> <td></td> </tr> <tr> <td></td> <td>75</td> <td>77</td> <td>GRAVEL</td> <td></td> <td></td> </tr> <tr> <td></td> <td>77</td> <td>93</td> <td>CLAY + GRAVEL</td> <td></td> <td></td> </tr> <tr> <td></td> <td>93</td> <td>121</td> <td>SAND + GRAVEL</td> <td></td> <td></td> </tr> <tr> <td></td> <td>121</td> <td>129</td> <td>CLAY + GRAVEL</td> <td></td> <td></td> </tr> <tr> <td></td> <td>129</td> <td>153</td> <td>COARSE GRAVEL</td> <td></td> <td></td> </tr> <tr> <td></td> <td>153</td> <td>155</td> <td>CLAY</td> <td></td> <td></td> </tr> <tr> <td></td> <td>155</td> <td>180</td> <td>COARSE GRAVEL</td> <td></td> <td></td> </tr> </tbody> </table>	Hole Diam.	Depth		Material	Water		From	To	Yes	No	20"	0	2	TOP SOIL				2	19	COARSE GRAVEL				19	33	1" GRAVEL				33	37	GRAVEL				37	39	CLAY + GRAVEL				39	57	GRAVEL				57	53	CLAY + GRAVEL				53	68	GRAVEL				68	75	CLAY + GRAVEL				75	77	GRAVEL				77	93	CLAY + GRAVEL				93	121	SAND + GRAVEL				121	129	CLAY + GRAVEL				129	153	COARSE GRAVEL				153	155	CLAY				155	180	COARSE GRAVEL		
Hole Diam.	Depth		Material	Water																																																																																																							
	From	To		Yes	No																																																																																																						
20"	0	2	TOP SOIL																																																																																																								
	2	19	COARSE GRAVEL																																																																																																								
	19	33	1" GRAVEL																																																																																																								
	33	37	GRAVEL																																																																																																								
	37	39	CLAY + GRAVEL																																																																																																								
	39	57	GRAVEL																																																																																																								
	57	53	CLAY + GRAVEL																																																																																																								
	53	68	GRAVEL																																																																																																								
	68	75	CLAY + GRAVEL																																																																																																								
	75	77	GRAVEL																																																																																																								
	77	93	CLAY + GRAVEL																																																																																																								
	93	121	SAND + GRAVEL																																																																																																								
	121	129	CLAY + GRAVEL																																																																																																								
	129	153	COARSE GRAVEL																																																																																																								
	153	155	CLAY																																																																																																								
	155	180	COARSE GRAVEL																																																																																																								
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <table style="width: 100%;"> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> <tr> <td><u>250</u> inches</td> <td><u>20</u> inches</td> <td><u>1</u> feet</td> <td><u>180</u> feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> </table> 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 <u>3/16</u> inches by <u>134</u> inches <table style="width: 100%;"> <tr> <th>Number</th> <th>From</th> <th>To</th> </tr> <tr> <td><u>2660</u> perforations</td> <td><u>20</u> feet</td> <td><u>170</u> feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> </table> 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 <u>20</u> 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 ☐ Cemented between strata Describe access port _____	Thickness	Diameter	From	To	<u>250</u> inches	<u>20</u> inches	<u>1</u> feet	<u>180</u> feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	Number	From	To	<u>2660</u> perforations	<u>20</u> feet	<u>170</u> feet	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	RECEIVED JAN 14 1980 Department of Water Resources Eastern District Office																																																																										
Thickness	Diameter	From	To																																																																																																								
<u>250</u> inches	<u>20</u> inches	<u>1</u> feet	<u>180</u> feet																																																																																																								
_____ inches	_____ inches	_____ feet	_____ feet																																																																																																								
_____ inches	_____ inches	_____ feet	_____ feet																																																																																																								
_____ inches	_____ inches	_____ feet	_____ feet																																																																																																								
Number	From	To																																																																																																									
<u>2660</u> perforations	<u>20</u> feet	<u>170</u> feet																																																																																																									
_____ perforations	_____ feet	_____ feet																																																																																																									
_____ perforations	_____ feet	_____ feet																																																																																																									
6. LOCATION OF WELL Sketch map location must agree with written location. <u>024</u>  Subdivision Name _____ Lot No. _____ Block No. _____ County <u>BUTTE</u> <u>SE 1/4 SW 1/4 Sec. 34, T. 5, N. 26, E. 1/4</u>	10. Work started <u>10/1/79</u> finished <u>10/26/79</u>																																																																																																										
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>GUTHRIE WELL</u> Firm No. <u>226</u> <u>DRILLING</u> Address <u>ARCO, IDAHO</u> Date <u>1/17/80</u> Signed by (Firm Official) <u>H. H. Guthrie</u> and (Operator) <u>[Signature]</u>	12. _____																																																																																																										

R. 27 E.

41
ARCO CANAL

3

ROAD

10 AC

ROAD

PRD

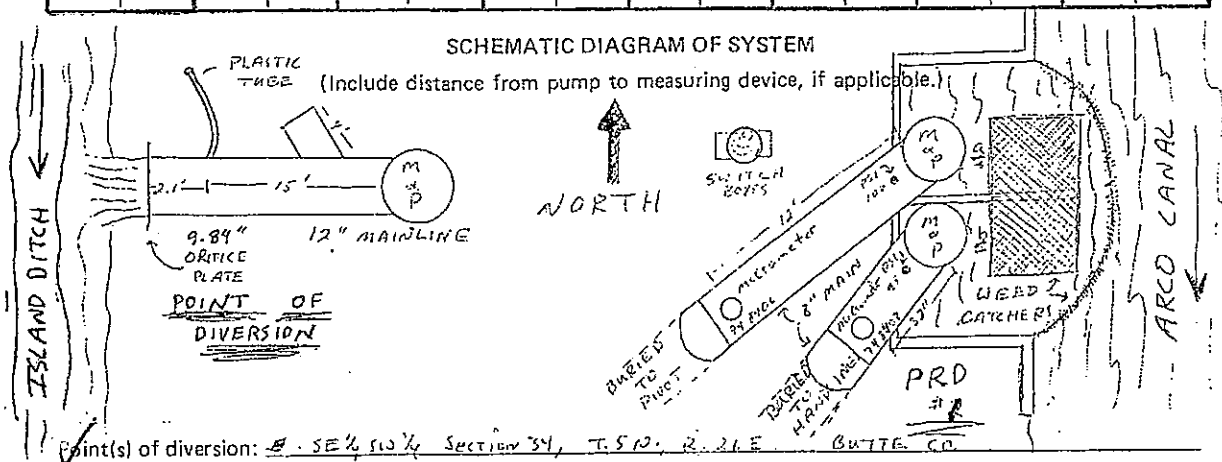
BURIED MAINLINES

33

50

T.
3
N

SEE ATTACHED
MAP FOR P.D.
LOCATION

[illegible]☐ Other

Date 12/4/81

28894

MICROFILMED

Well La Label	3" Orifice		5" Orifice		6" Orifice		8" Orifice		10" Orifice		12" Orifice		14" Orifice		16" Orifice		18" Orifice		20" Orifice		22" Orifice		24" Orifice		26" Orifice		28" Orifice		30" Orifice	
	4 in.	5 in.	4 in.	5 in.	4 in.	5 in.	4 in.	5 in.	4 in.	5 in.	4 in.	5 in.	4 in.	5 in.	4 in.	5 in.	4 in.	5 in.	4 in.	5 in.	4 in.	5 in.	4 in.	5 in.	4 in.	5 in.	4 in.	5 in.	4 in.	5 in.
35.5	236	201	355	313	427	380	506	451	629	568	757	685	900	818	1070	978	1280	1188	1560	1458	1840	1728	2120	1998	2400	2278	2680	2558	3000	2878
35.0	237	202	356	314	428	381	507	452	630	459	758	686	901	819	1071	979	1281	1189	1561	1459	1841	1729	2121	2000	2401	2279	2681	2559	3001	2879
34.5	238	203	357	315	429	382	508	453	631	460	759	687	902	820	1072	980	1282	1190	1562	1460	1842	1730	2122	2001	2402	2280	2682	2560	3002	2880
34.0	239	204	358	316	430	383	509	454	632	461	760	688	903	821	1073	981	1283	1191	1563	1461	1843	1731	2123	2002	2403	2281	2683	2561	3003	2881
33.5	240	205	359	317	431	384	510	455	633	462	761	689	904	822	1074	982	1284	1192	1564	1462	1844	1732	2124	2003	2404	2282	2684	2562	3004	2882
33.0	241	206	360	318	432	385	511	456	634	463	762	690	905	823	1075	983	1285	1193	1565	1463	1845	1733	2125	2004	2405	2283	2685	2563	3005	2883
32.5	242	207	361	319	433	386	512	457	635	464	763	691	906	824	1076	984	1286	1194	1566	1464	1846	1734	2126	2005	2406	2284	2686	2564	3006	2884
32.0	243	208	362	320	434	387	513	458	636	465	764	692	907	825	1077	985	1287	1195	1567	1465	1847	1735	2127	2006	2407	2285	2687	2565	3007	2885
31.5	244	209	363	321	435	388	514	459	637	466	765	693	908	826	1078	986	1288	1196	1568	1466	1848	1736	2128	2007	2408	2286	2688	2566	3008	2886
31.0	245	210	364	322	436	389	515	460	638	467	766	694	909	827	1079	987	1289	1197	1569	1467	1849	1737	2129	2008	2409	2287	2689	2567	3009	2887
30.5	246	211	365	323	437	390	516	461	639	468	767	695	910	828	1080	988	1290	1198	1570	1468	1850	1738	2130	2009	2410	2288	2690	2568	3010	2888
30.0	247	212	366	324	438	391	517	462	640	469	768	696	911	829	1081	989	1291	1199	1571	1469	1851	1739	2131	2010	2411	2289	2691	2569	3011	2889
29.5	248	213	367	325	439	392	518	463	641	470	769	697	912	830	1082	990	1292	1200	1572	1470	1852	1740	2132	2011	2412	2290	2692	2570	3012	2890
29.0	249	214	368	326	440	393	519	464	642	471	770	698	913	831	1083	991	1293	1201	1573	1471	1853	1741	2133	2012	2413	2291	2693	2571	3013	2891
28.5	250	215	369	327	441	394	520	465	643	472	771	699	914	832	1084	992	1294	1202	1574	1472	1854	1742	2134	2013	2414	2292	2694	2572	3014	2892
28.0	251	216	370	328	442	395	521	466	644	473	772	700	915	833	1085	993	1295	1203	1575	1473	1855	1743	2135	2014	2415	2293	2695	2573	3015	2893
27.5	252	217	371	329	443	396	522	467	645	474	773	701	916	834	1086	994	1296	1204	1576	1474	1856	1744	2136	2015	2416	2294	2696	2574	3016	2894
27.0	253	218	372	330	444	397	523	468	646	475	774	702	917	835	1087	995	1297	1205	1577	1475	1857	1745	2137	2016	2417	2295	2697	2575	3017	2895
26.5	254	219	373	331	445	398	524	469	647	476	775	703	918	836	1088	996	1298	1206	1578	1476	1858	1746	2138	2017	2418	2296	2698	2576	3018	2896
26.0	255	220	374	332	446	399	525	470	648	477	776	704	919	837	1089	997	1299	1207	1579	1477	1859	1747	2139	2018	2419	2297	2699	2577	3019	2897
25.5	256	221	375	333	447	400	526	471	649	478	777	705	920	838	1090	998	1300	1208	1580	1478	1860	1748	2140	2019	2420	2298	2700	2578	3020	2898
25.0	257	222	376	334	448	401	527	472	650	479	778	706	921	839	1091	999	1301	1209	1581	1479	1861	1749	2141	2020	2421	2299	2701	2579	3021	2899
24.5	258	223	377	335	449	402	528	473	651	480	779	707	922	840	1092	1000	1302	1210	1582	1480	1862	1750	2142	2021	2422	2300	2702	2580	3022	2900
24.0	259	224	378	336	450	403	529	474	652	481	780	708	923	841	1093	1001	1303	1211	1583	1481	1863	1751	2143	2022	2423	2301	2703	2581	3023	2901
23.5	260	225	379	337	451	404	530	475	653	482	781	709	924	842	1094	1002	1304	1212	1584	1482	1864	1752	2144	2023	2424	2302	2704	2582	3024	2902
23.0	261	226	380	338	452	405	531	476	654	483	782	710	925	843	1095	1003	1305	1213	1585	1483	1865	1753	2145	2024	2425	2303	2705	2583	3025	2903
22.5	262	227	381	339	453	406	532	477	655	484	783	711	926	844	1096	1004	1306	1214	1586	1484	1866	1754	2146	2025	2426	2304	2706	2584	3026	2904
22.0	263	228	382	340	454	407	533	478	656	485	784	712	927	845	1097	1005	1307	1215	1587	1485	1867	1755	2147	2026	2427	2305	2707	2585	3027	2905
21.5	264	229	383	341	455	408	534	479	657	486	785	713	928	846	1098	1006	1308	1216	1588	1486	1868	1756	2148	2027	2428	2306	2708	2586	3028	2906
21.0	265	230	384	342	456	409	535	480	658	487	786	714	929	847	1099	1007	1309	1217	1589	1487	1869	1757	2149	2028	2429	2307	2709	2587	3029	2907
20.5	266	231	385	343	457	410	536	481	659	488	787	715	930	848	1100	1008	1310	1218	1590	1488	1870	1758	2150	2029	2430	2308	2710	2588	3030	2908
20.0	267	232	386	344	458	411	537	482	660	489	788	716	931	849	1101	1009	1311	1219	1591	1489	1871	1759	2151	2030	2431	2309	2711	2589	3031	2909
19.5	268	233	387	345	459	412	538	483	661	490	789	717	932	850	1102	1010	1312	1220	1592	1490	1872	1760	2152	2031	2432	2310	2712	2590	3032	2910
19.0	269	234	388	346	460	413	539	484	662	491	790	718	933	851	1103	1011	1313	1221	1593	1491	1873	1761	2153	2032	2433	2311	2713	2591	3033	2911
18.5	270	235	389	347	461	414	540	485	663	492	791	719	934	852	1104	1012	1314	1222	1594	1492	1874	1762	2154	2033	2434	2312	2714	2592	3034	2912
18.0	271	236	390	348	462	415	541	486	664	493	792	720	935	853	1105	1013	1315	1223	1595	1493	1875	1763	2155	2034	2435	2313	2715	2593	3035	2913
17.5	272	237	391	349	463	416	542	487	665	494	793	721	936	854	1106	1014	1316	1224	1596	1494	1876	1764	2156	2035	2436	2314	2716	2594	3036	2914
17.0	273	238	392	350	464	417	543	488	666	495	794	722	937	855	1107	1015	1317	1225	1597	1495	1877	1765	2157	2036	2437	2315	2717	2595	3037	2915
16.5	274	239	393	351	465	418	544	489	667	496	795	723	938	856	1108	1016	1318	1226	1598	1496	1878	1766	2158	2037	2438	2316	2718	2596	3038	2916
16.0	275	240	394	352	466	419	545	490	668	497	796	724	939	857	1109	1017	1319	1227	1599	1497	1879	1767	2159	2038	2439	2317	2719	2597	3039	2917
15.5	276	241	395	353	467	420	546	491	669	498	797	725	940	858	1110	1018	1320	1228	1600	1498	1880	1768	2160	2039	2440	2318	2720	2598	3040	2918
15.0	277	242	396	354	468	421	547	492	670	499	798	726	941	859	1111	1019	1321	1229	1601	1499	1881	1769	2161	2040	2441	2319	2721	2599	3041	2919

9" 9.84" 10"
40" 2210 gpm 2983 gpm 3130 gpm
40.2" 2989 gpm
40.5" 2225 gpm 2999 gpm 3146 gpm

2983.4 x .002235 = 6.66 cfs

ORIFICE
CALCULATION:
: 9.84" orifice
: 4