

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 57-11749

Exam Date: 9/5/2012

1. Current Owner: STEPHANIE TEETER
15401 BATES CREEK RD
OREANA ID 83650
(208) 834-2788

And/Or

JOHN TEETER
15401 BATES CREEK RD
OREANA ID 83650
(208) 834-2788

2. Accompanied by: Stephanie Teeter
Phone No: (208)834-2788, Email: steph@endurance.net
Address: same as above (POU physical address is the same as above)
Relationship to Permit Holder: current owner

3. **SOURCE****TRIBUTARY**

GROUND WATER

B. OVERLAP REVIEW

1. **Other water rights with the same place of use:** 57-11738 irrigation for 8.3 acres from Pickett Creek (this WR overlaps with 6.2 acres of 57-11749); 57-11730 irrigation/stockwater for 1.6 acres from Bates Creek (this WR overlaps the same 1.6 acres).

2. **Other water rights with the same point of diversion:** None

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER NE1/4SE1/4 Sec. 29, Twp 04S, Rge 01W, B.M. OWYHEE County

Method of Determination: Arc Map 2009 & 2011, and Garmin GPS Map76S

2.

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
04S 01W 28										1.6							1.6
04S 01W 29													4.6				4.6

Total Acres: 6.2

Method of Determination: Arc Map 2009 & 2011, and Garmin GPS Map76S

3. ☒ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

<u>Well or Diversion</u> <u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge</u> <u>Size</u>
A0018549	SQE Grundfos	1 1/2 HP	unknown		unknown

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

D. FLOW MEASUREMENTS

1. Measurements:

$$6.2 \text{ acres} \times 0.02 \text{ cfs/acre} = 0.12 \text{ cfs}$$

Nozzle Measurements:

$$(3 \times 7 \text{ gpm nozzles}) + (5 \times 5 \text{ gpm nozzles}) = 46 \text{ gpm at one time} \times 0.00223 = 0.10 \text{ cfs}$$

5 Gallon Bucket Measurement:

$$(5 \text{ gallon} \times 60 \text{ sec/min}) / 7 \text{ sec} = 42.9 \times 0.00223 = 0.095667 = 0.10 \text{ cfs}$$

RECOMMEND:

Irrigation 6.2 acres, 0.10 cfs

E. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (6.2 \text{ Acres Irrigated}) \times (4.5 \text{ Irrigation Requirement}) = 27.9 \text{ af}$$

$$V_{D.R.} = [0.10 \text{ Diversion Rate (cfs)}] \times (260 \text{ Days in Irrigation season}) \times 1.9835 = 51.6 \text{ af}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 27.9 \text{ af}$$

RECOMMEND:

Total Annual Volume 27.9 af, with combined limits of 0.02 cfs and 4.5 af when combined with 57-11738 and 57-11730.

F. NARRATIVE/REMARKS/COMMENTS

6 inch casing, 195 ft deep well, 10 ft static, drilled 1/19/1990 by Johnston Drilling; 1 1/2 Hp SQE Grundfos submersible pump; unknown size discharge to numerous frost-free hydrants throughout the property, where hoses can be attached, and (3) 7gpm and (5) 5gpm nozzles can run at one time at 30 psi. The sprinklers are moved around for supplementing surface water, and mainly used for dust abatement (these areas are fenced off for the horses).

Have conditions of permit approval been met? ☒ Yes ☐ No

G. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	03/01 to 11/15	0.100 CFS	27.90 AF
	<u>Totals:</u>	0.100 CFS	27.90 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name

Sandy Hernenway Date 3/11/2013



SENE

SWNW

29

28

house

04S01W

POD

frost free hydrant

NESE

NWSW

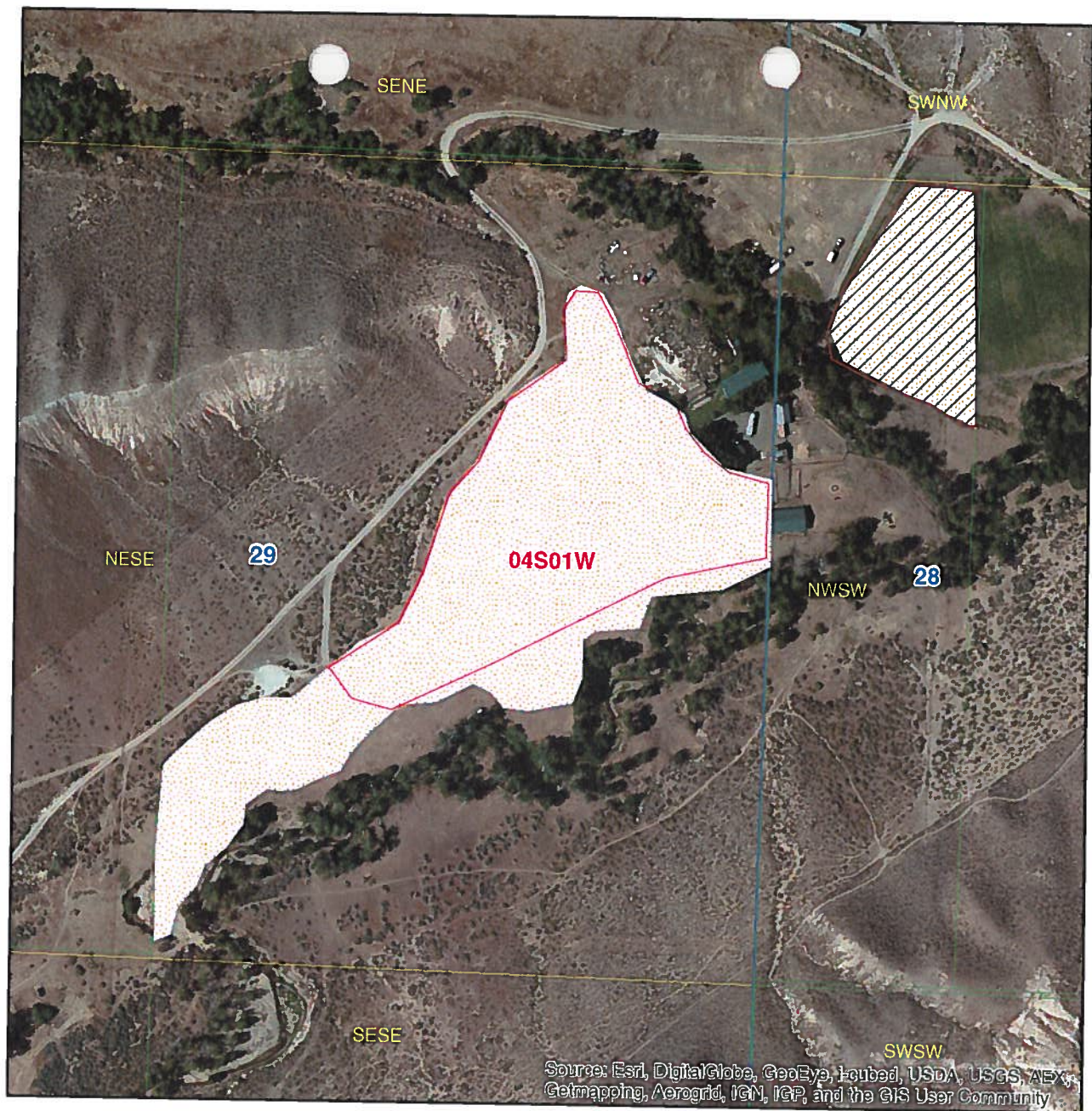
frost free hydrant

SESE

SWSW

USDA FSA

11. Princes - Southern Interior Survey - 1966 - 1967 - 1968 - 1969 - 1970 - 1971 - 1972 - 1973 - 1974 - 1975 - 1976 - 1977 - 1978 - 1979 - 1980 - 1981 - 1982 - 1983 - 1984 - 1985 - 1986 - 1987 - 1988 - 1989 - 1990 - 1991 - 1992 - 1993 - 1994 - 1995 - 1996 - 1997 - 1998 - 1999 - 2000 - 2001 - 2002 - 2003 - 2004 - 2005 - 2006 - 2007 - 2008 - 2009 - 2010 - 2011 - 2012 - 2013 - 2014 - 2015 - 2016 - 2017 - 2018 - 2019 - 2020 - 2021 - 2022 - 2023 - 2024 - 2025



POU Overlap Legend

- 57-11749 Groundwater
- 57-11730 Bates Creek
- 57-11738 Pickett Creek

- Taxlots
- Township/Range
- Sections
- QQ

World Imagery

Low Resolution 15m Imagery

High Resolution 60cm Imagery

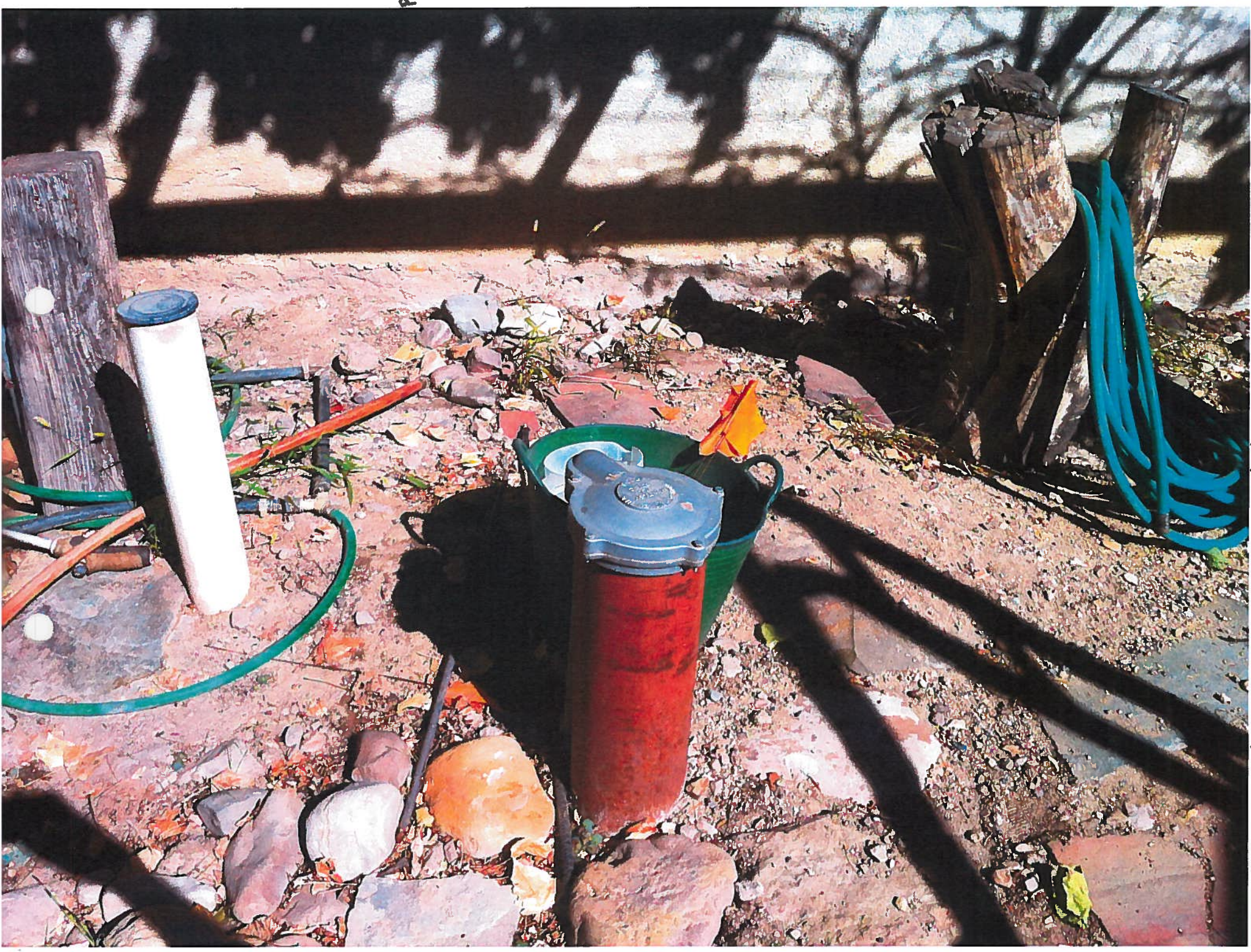
High Resolution 30cm Imagery

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORTUSE TYPEWRITER OR
BALLPOINT PEN**RECEIVED**
FEB 08 1990State 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 Department of Water Resources Western Regional Office Name <u>Banks Cove Ranch Joseph Parkerson</u> Address <u>HC 85 Box 233 Grand View, Ida</u> Owner's Permit No. <u>57-89-W-007-200</u>		7. WATER LEVEL Static water level <u>10</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 _____																																																																																											
2. NATURE OF WORK <u>W.R. 57-0752-1</u> ☐ New well ☐ Deepened ☒ Replacement ☐ Abandoned (describe method of abandoning) _____		8. WELL TEST DATA ☐ Pump ☒ Bailer ☐ Air ☐ Other _____																																																																																											
3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☒ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)		<table border="1"><thead><tr><th>Discharge G.P.M.</th><th>Pumping Level</th><th>Hours Pumped</th></tr></thead><tbody><tr><td><u>20</u></td><td><u>30</u></td><td><u>1</u></td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>		Discharge G.P.M.	Pumping Level	Hours Pumped	<u>20</u>	<u>30</u>	<u>1</u>																																																																																				
Discharge G.P.M.	Pumping Level	Hours Pumped																																																																																											
<u>20</u>	<u>30</u>	<u>1</u>																																																																																											
4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☒ Cable ☐ Dug ☐ Other _____		9. LITHOLOGIC LOG <table border="1"><thead><tr><th>Hole Diam.</th><th>Depth From</th><th>Depth To</th><th>Material</th><th>Water Yes</th><th>No</th></tr></thead><tbody><tr><td>6"</td><td>0</td><td>3</td><td>gravel</td><td> </td><td> </td></tr><tr><td> </td><td>3</td><td>12</td><td>dirt</td><td> </td><td> </td></tr><tr><td> </td><td>12</td><td>23</td><td>brown sand</td><td> </td><td> </td></tr><tr><td> </td><td>23</td><td>25</td><td>coarse gravel</td><td> </td><td> </td></tr><tr><td> </td><td>25</td><td>41</td><td>fine white sand</td><td> </td><td> </td></tr><tr><td> </td><td>41</td><td>41</td><td>small layer pea gravel</td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td>41</td><td>56</td><td>fine silty blue sand</td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td>gradually turning to</td><td> </td><td> </td></tr><tr><td> </td><td>56</td><td>172</td><td>silty blue shale</td><td> </td><td> </td></tr><tr><td> </td><td>172</td><td>172.1</td><td>seam of black sand</td><td> </td><td> </td></tr><tr><td> </td><td>172.1</td><td>183</td><td>blue shale</td><td> </td><td> </td></tr><tr><td> </td><td>183</td><td>183.1</td><td>seam of black sand</td><td> </td><td> </td></tr><tr><td> </td><td>183.1</td><td>195</td><td>blue shale</td><td> </td><td> </td></tr></tbody></table>		Hole Diam.	Depth From	Depth To	Material	Water Yes	No	6"	0	3	gravel				3	12	dirt				12	23	brown sand				23	25	coarse gravel				25	41	fine white sand				41	41	small layer pea gravel										41	56	fine silty blue sand						gradually turning to				56	172	silty blue shale				172	172.1	seam of black sand				172.1	183	blue shale				183	183.1	seam of black sand				183.1	195	blue shale		
Hole Diam.	Depth From	Depth To	Material	Water Yes	No																																																																																								
6"	0	3	gravel																																																																																										
	3	12	dirt																																																																																										
	12	23	brown sand																																																																																										
	23	25	coarse gravel																																																																																										
	25	41	fine white sand																																																																																										
	41	41	small layer pea gravel																																																																																										
	41	56	fine silty blue sand																																																																																										
			gradually turning to																																																																																										
	56	172	silty blue shale																																																																																										
	172	172.1	seam of black sand																																																																																										
	172.1	183	blue shale																																																																																										
	183	183.1	seam of black sand																																																																																										
	183.1	195	blue shale																																																																																										
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <table border="1"><thead><tr><th>Thickness</th><th>Diameter</th><th>From</th><th>To</th></tr></thead><tbody><tr><td><u>1.58</u> inches</td><td> </td><td> </td><td> </td></tr><tr><td><u>.250</u> inches</td><td><u>6 7/8</u> inches</td><td><u>1</u> feet</td><td><u>5.8</u> feet</td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></tbody></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 _____ 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 <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 Weld _____ ☐ Cemented between strata Describe access port <u>removable well seal</u>		Thickness	Diameter	From	To	<u>1.58</u> inches				<u>.250</u> inches	<u>6 7/8</u> inches	<u>1</u> feet	<u>5.8</u> feet									RECEIVED MAR 28 1990 Department of Water Resources MICROFILMED JUN 13 1990																																																																							
Thickness	Diameter	From	To																																																																																										
<u>1.58</u> inches																																																																																													
<u>.250</u> inches	<u>6 7/8</u> inches	<u>1</u> feet	<u>5.8</u> feet																																																																																										
6. LOCATION OF WELL Sketch map location must agree with written location. <table border="1"><tr><td>N</td><td></td><td></td></tr><tr><td>W</td><td>X</td><td>E</td></tr><tr><td></td><td></td><td></td></tr><tr><td>S</td><td></td><td></td></tr></table> County <u>Owyhee</u> <u>NW 1/4 SW 1/4 Sec. 28, T. 4, S. R. 1, W.</u> Subdivision Name _____ Lot No. _____ Block No. _____		N			W	X	E				S			10. Work started <u>1/3/90</u> finished <u>1/19/90</u>																																																																															
N																																																																																													
W	X	E																																																																																											
S																																																																																													
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>Johuston Drilling</u> Firm No. <u>92</u> Address <u>Box 830 Melba, Ida</u> Date <u>2/5/90</u> Signed by (Firm Official) <u>Steve Johuston</u> and (Operator) <u>Ralph Robinson</u>																																																																																													

USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT

GPS'd as NESE (POD location is near the QQ line)



57-11749 Totor

9/5/2012

S. Homenewam



frost-free
hydraulic
with
hoses
to
(3) 74p
+
(5) 54p
nozzle
that
are
ran a
one
time

57-11749 Tester

S. Hemenway



POU
NWSW,
area
east of
house



POU
NWSW
that
overlap
with
57-1173
complete

57-11749 Teeter

S. Hemerway



POU
NESE

09/05/2012



POU
NESE

09/05/2012

57-11749 Teeter

S. Hemenway