

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
BENEFICIAL USE FIELD REPORT

**A. GENERAL INFORMATION**

Permit No: 57-7522

Exam Date: 8/4/2015

1. Current Owner: JOYCE LIVESTOCK CO LTD  
SINKER CREEK  
MURPHY ID 83650  
(208)834-2237
2. Accompanied by: Chad Nettleton  
Phone No: 208-850-0780  
Address:  
Relationship to Permit Holder: Son of Paul Nettleton

3. SOURCE TRIBUTARY  
GROUND WATER

**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: 57-1A, 57-2, 57-173, 57-174, 57-176, 57-180A, 57-2293, 57-10428, 57-10488.
2. Other water rights with the same point of diversion: None.

**C. DIVERSION AND DELIVERY SYSTEM****1. LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER NE1/4SE1/4 Sec. 16, Twp 03S, Rge 01W, B.M. OWYHEE County

Method of Determination: PLSS data over aerial photography shows well inside NESE QQ.

2.

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03S 01W 16	34.0	37.0	1.0		40.0	38.0	40.0	28.0	1.0	26.0							245.0
03S 01W 17													39.0				39.0

Total Acres: 284.0

Method of Determination: Shape file of irrigated ground using 1998 aerial photography.

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. Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No.
Well Permit 57-W-90-003-000 57-90-W-004-000	U.S. Electrical Motors	300	MN 9537 270 T4164 389	Riverside Electric Motor & Pump	Unknown

\*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
Ultrasonic Flow Meter	Clamp On	GE	PT878	08447		4/2/2015

2. Measurements: Measurement taken from excavated portion of pipe free from elbows or turbulence.

#### E. FLOW CALCULATIONS

\_\_\_\_ Additional Computation Sheets Attached

Measured Method: Data collected from GE Panametrics PT878 meter.

Pipe Diameter: 15.4"

Wall thickness: 0.365"

Water temperature: 60 deg F

Transducer spacing: 13.1"

Data Point	Time	Q (ft <sup>3</sup> /s)	V (ft/s)
1	16:00:15	3.915	3.34
2	16:01:15	3.921	3.34
3	16:02:15	3.913	3.33
4	16:03:15	3.928	3.35
5	16:04:15	3.922	3.34
6	16:05:15	3.93	3.35
7	16:06:15	3.913	3.33
8	16:07:15	3.879	3.31
9	16:08:15	3.915	3.34
10	16:09:15	3.919	3.34
11	16:10:15	3.913	3.33
Average		3.915	3.34

#### F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 284 \text{ ac} \times 4.5 \text{ af/ac} = \underline{1,280.0 \text{ af}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 3.92 \times 260 \times 1.9835 = \underline{2,021.9 \text{ af}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{1,280.0 \text{ af}}$$

2. Volume Calculations for Other Uses: None.

**G. NARRATIVE/REMARKS/COMMENTS**

Field exam was conducted by WRA Patrick Kelly and accompanied by Chad Nettleton on Aug. 4, 2015. The report and licensing was completed by WRA Tyler Smith in 2020. Preliminary visits of the well found that the measuring site needed to be excavated. Conditions of the permit allowing for a suitable measuring location was not found on the system. Mr. Nettleton excavated a small portion of the pipe identified on the attached map. I was able to place the GE Panametrics Ultrasonic Flow Meter to the system and gain an accurate flow measurement of 3.92 cfs.

The well was drilled under two drilling permits: 57-90-W-004-000 and 57-W-90-003-000. The well log is not on record for 57-90-W-004-000, however believe that the 16" well log was actually recorded under permit 57-W-90-003-000. The permit had the POD incorrectly located in the NWSE QQ and was verified to be in the NESE QQ. A licensing amendment is needed in order to correct this.

The system consists of a 300 hp motor pumping water from the well to the SE where a small pond holds surface water and groundwater. From this pond, booster pumps deliver water to pivot and wheel lines on the ground.

Place of Use was determined using historical aerial photography. The permit authorized the irrigation of 320 acres and proof of beneficial use was submitted in 1995. 1998 imagery found 284.6 acres of irrigated land. Since that time, Joyce Livestock Co has utilized a pivot system, and 2013 imagery finds the irrigation of 258.4 acres. Irrigation practices have changed since beneficial use was submitted. Even though 258.4 acres were developed during the time of the beneficial use exam, the historical imagery shows 284.6 acres were developed during the development period and this is the acreage that should be granted. It is recommended that a transfer be filed in order to reflect current irrigation usage to include the SENE QQ found during the exam.

Overlap review found both Sinker Creek surface water and ground water rights cover the place of use. Because 57-7522 place of use is within the 810 combined use limit, the combined use limit of 810 acres will be applied to this right. The 3.92 cfs is from a new ground water source and is supplemental to surface water rights so the 3.92 cfs for 57-7522 will not be added to the existing diversion rate combined use limit of 28.6, but it will be limited by the combined limit. Overlapping rights should complete a transfer to reflect current use of water and include the SE NE QQ for any other source that reaches that pivot.

Conditions of the permit were described in Final Order issued 4/22/1994. Condition 3 required the permit holder to use full allotment of surface water rights as long as it was available. Joyce Livestock Co is doing this, as I experienced difficulty scheduling a time when the well would be running. Mr. Nettleton expressed their interest to limit the use of ground water simply for the cost of pumping.

Condition 4 required an augmentation plan prior to diversion. An augmentation plan by Joyce Livestock was received March 31, 1994 proposing to forego diversion of senior stream flow rights during periods when there is a potential for the diversion under 57-7522 to impact downstream water rights. This was found acceptable by Western Regional Manager Dave Tuthill on April 19, 1994. This completes the action required by Order conditions and is no longer pertinent to conditions on the license.

Condition 5 required a measurement port be installed to provide IDWR the ability to measure a diversion rate. This was not complied with, and Joyce Livestock Co will be required to excavate a section of pipe for any measurement, unless changes to the system are made to expose a straight length of pipe. The ultimate purpose of such a condition was to ensure the ability to measure the diversion rate during a field exam, which differs from the intent of active condition 01M. Since the field exam has been conducted, the condition will change to the standard 01M for licensing.

Conditions 933 and 943 were added to the license because the diversion is within the trust water boundary, and the permit was issued at a time that should have included trust water consideration.

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

**H. RECOMMENDATIONS****1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	03/15 to 11/15	3.920 CFS	
<u>Totals:</u>		3.920 CFS	

**2. Recommended Amendments**

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

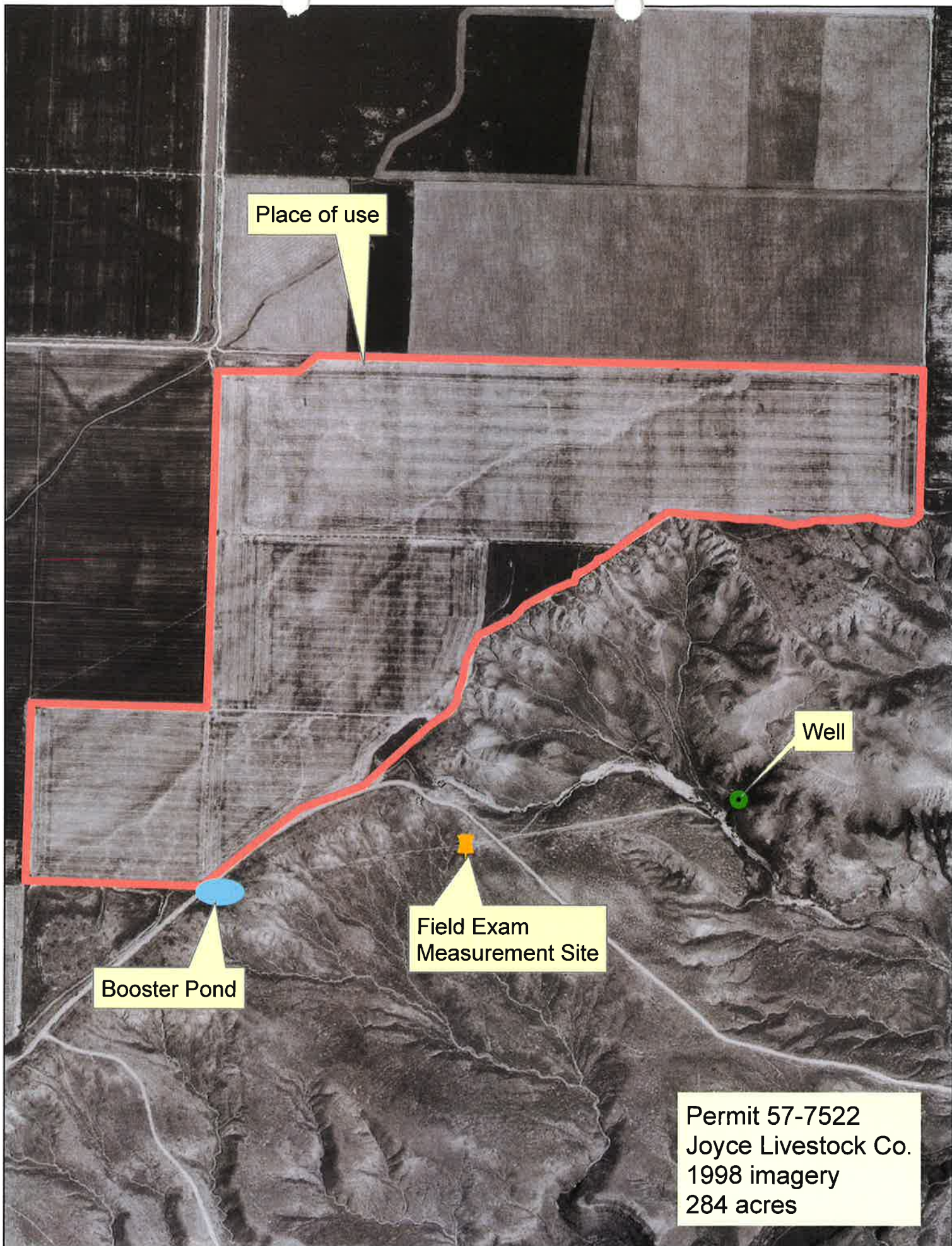
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

**I. AUTHENTICATION**

Field Examiner's Name  Date 3/19/20

Reviewer \_\_\_\_\_ Date \_\_\_\_\_





Place of use

Well

Field Exam  
Measurement Site

Booster Pond

Permit 57-7522  
Joyce Livestock Co.  
1998 imagery  
284 acres



Basin	Sequencer	Owner	Source	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total Acres
57-10428		HARRIS, RICHARD L; JOYCE LIVESTOCK CO; I SINKER CREEK		35	38	1		40	40	40	28		25							247
57-10488		HARRIS, RICHARD L; JOYCE LIVESTOCK CO	GROUND WATER	35	38	1		40	40	40	28		25							247
57-173		HARRIS, RICHARD L; JOYCE LIVESTOCK CO; I SINKER CREEK		35	38	1		40	40	40	28		25							247
57-174		HARRIS, RICHARD L; JOYCE LIVESTOCK CO	SINKER CREEK	35	38	1		40	40	40	28		25							247
57-176		HARRIS, RICHARD L; JOYCE LIVESTOCK CO; I SINKER CREEK		35	38	1		40	40	40	28		25							247
57-180A		HARRIS, RICHARD L; JOYCE LIVESTOCK CO; I SINKER CREEK		35	38	1		40	40	40	28		25							247
57-1A		HARRIS, RICHARD L; JOYCE LIVESTOCK CO; I SINKER CREEK		35	38	1		40	40	40	28		25							247
57-2		BENNETT, JOSEPH; BENNETT, RICHARD; HA SINKER CREEK		35	38	1		40	40	40	28		25							247
57-2293		HARRIS, RICHARD L; JOYCE LIVESTOCK CO; I	GROUND WATER	35	38	1		40	40	40	28		25							247
57-7522		JOYCE LIVESTOCK CO	GROUND WATER	34	37	1		40	38	40	28	1	26							245
Total Irrigation:				35	38	1		40	40	40	28	1	26							249

Basin	Sequencer	Owner	Source	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total Acres
2-10020		BROCKWAY ENGINEERING PLLC ; HULET FAI	SNAKE RIVER	40	40	40	40	40	40	40	40	40	40	40	40		40	40		560
2-2361		BROCKWAY ENGINEERING PLLC ; HULET FAI	SNAKE RIVER	40	40	40	40	40	40	40	40	40	40	40	40		40	40		560
2-2370		BROCKWAY ENGINEERING PLLC ; HULET, JA	SNAKE RIVER	40	40	40	40	40	40	40	40	40	40	40	40		40	40		560
2-7001		BROCKWAY ENGINEERING PLLC ; HULET, JA	SNAKE RIVER	40	40	40	40	40	40	40	40	40	40	40	40		40	40		560
57-10428		HARRIS, RICHARD L; JOYCE LIVESTOCK CO; I SINKER CREEK														40				40
57-10488		HARRIS, RICHARD L; JOYCE LIVESTOCK CO	GROUND WATER													40				40
57-173		HARRIS, RICHARD L; JOYCE LIVESTOCK CO; I SINKER CREEK														40				40
57-174		HARRIS, RICHARD L; JOYCE LIVESTOCK CO	SINKER CREEK													40				40
57-176		HARRIS, RICHARD L; JOYCE LIVESTOCK CO; I SINKER CREEK														40				40
57-179		BROCKWAY ENGINEERING PLLC ; MURPHY F	SINKER CREEK	40	40	40	40	40	40	40	40	40	40	40	40		40	40		560
57-180A		HARRIS, RICHARD L; JOYCE LIVESTOCK CO; I SINKER CREEK														40				40
57-180B		BROCKWAY ENGINEERING PLLC ; MURPHY F	SINKER CREEK	40	40	40	40	40	40	40	40	40	40	40	40		40	40		560
57-181		BROCKWAY ENGINEERING PLLC ; HULET FAI	SINKER CREEK	40	40	40	40	40	40	40	40	40	40	40	40		40	40		560
57-1A		HARRIS, RICHARD L; JOYCE LIVESTOCK CO; I SINKER CREEK														40				40
57-2		BENNETT, JOSEPH; BENNETT, RICHARD; HA SINKER CREEK														40				40
57-2293		HARRIS, RICHARD L; JOYCE LIVESTOCK CO; I	GROUND WATER													40				40
57-7152		BROCKWAY ENGINEERING PLLC ; HULET FAI	SINKER CREEK	40	40	40	40	40	40	40	40	40	40	40	40		40	40		560
57-7385		BROCKWAY ENGINEERING PLLC ; HULET, JA	SINKER CREEK	40	40	40	40	40	40	40	40	40	40	40	40		40	40		560
57-7522		JOYCE LIVESTOCK CO	GROUND WATER													39				39
Total Irrigation:																39				39

	cfs	af	ac	cfs/ac	af/ac
57-7522	3.92	1180	284	0.01	4.15
57-10488	5.2	3645	810	0.00642	4.5
57-2293	2.83	708	141.5	0.02	5.00
Total	11.95	5533	1235.5		
BU Std	16.2	3645	810		
CUL	-	3645	810		

	cfs	af	acre limit	total acres	Source
57-1A	1.44			810	Sinker Creek
57-2	1.76			810	Sinker Creek
57-173	0.6			810	Sinker Creek
57-174	0.7			810	Sinker Creek
57-176	2.37			810	Sinker Creek
57-180A	1			810	Sinker Creek
57-10428	13.2			810	Sinker Creek
57-10922	7.5			305	Sinker Creek
<b>57-2293</b>	<b>2.83</b>		<b>141.5</b>	<b>810</b>	<b>GW</b>
<b>57-10488</b>	<b>5.2</b>			<b>810</b>	<b>GW</b>
<b>57-7522</b>	<b>3.92</b>			<b>810</b>	<b>GW</b>

	af	acres
57-2293	3645	810
57-10488		
57-7522		

$$\frac{28.6 \text{ cfs}}{810 \text{ ac}} = 0.035 \text{ cfs/ac}$$

$$810 \text{ ac} * 4.5 \text{ af} = 3,645 \text{ af}$$

	cfs	total acres
57-1A	28.6	810
57-2		
57-173		
57-174		
57-176		
57-180A		
57-10428		
57-10922		
57-2293	28.6	810
57-10488		

RECEIVED  
JUL 19 1990STATE 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  
Department of Water Resources within 30 days after the completion or abandonment of the well.

<b>1. WELL OWNER</b> Name <u>Paul Nettleton</u> Address <u>Murphy Id. 83650</u> Owner's Permit No. <u>57-W-90-003</u>		<b>7. WATER LEVEL</b> Static water level <u>152</u> feet below land surface. Flowing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: <input type="checkbox"/> Valve <input type="checkbox"/> Cap <input type="checkbox"/> Plug Temperature _____ OF. Quality _____ <small>Describe artesian or temperature zones below.</small>																																																																																															
<b>2. NATURE OF WORK</b> <input checked="" type="checkbox"/> New well <input type="checkbox"/> Deepened <input type="checkbox"/> Replacement <input type="checkbox"/> Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)		<b>8. WELL TEST DATA</b> <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Bailer <input type="checkbox"/> Air <input type="checkbox"/> Other _____ <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>2500</u></td><td><u>159 162</u></td><td><u>6</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>2500</u>	<u>159 162</u>	<u>6</u>																																																																																								
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<b>3. PROPOSED USE</b> <input type="checkbox"/> Domestic <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/> Municipal <input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/> Waste Disposal or Injection <input type="checkbox"/> Other _____ (specify type)		<b>9. LITHOLOGIC LOG</b> <u>082068</u> <table border="1"><thead><tr><th rowspan="2">Bore 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><u>20</u></td><td><u>0</u></td><td><u>40</u></td><td><u>yellow clay</u></td><td></td><td><u>X</u></td></tr><tr><td><u>20</u></td><td><u>40</u></td><td><u>50</u></td><td><u>sandstone and clay</u></td><td><u>X</u></td><td></td></tr><tr><td><u>20</u></td><td><u>50</u></td><td><u>52</u></td><td><u>hard sandstone</u></td><td></td><td><u>X</u></td></tr><tr><td><u>20</u></td><td><u>52</u></td><td><u>132</u></td><td><u>layers of clay and sandstone</u></td><td></td><td><u>X</u></td></tr><tr><td><u>20</u></td><td><u>132</u></td><td><u>150</u></td><td><u>quartz sandstone</u></td><td></td><td><u>X</u></td></tr><tr><td><u>20</u></td><td><u>150</u></td><td><u>183</u></td><td><u>yellowish clay</u></td><td></td><td><u>X</u></td></tr><tr><td><u>20</u></td><td><u>183</u></td><td><u>184</u></td><td><u>black basalt</u></td><td></td><td><u>X</u></td></tr><tr><td><u>20</u></td><td><u>184</u></td><td><u>190</u></td><td><u>red sandstone</u></td><td></td><td><u>X</u></td></tr><tr><td colspan="6"><u>very small amount of water in the above layers</u></td></tr><tr><td><u>16</u></td><td><u>190</u></td><td><u>298</u></td><td><u>black basalt</u></td><td></td><td><u>X</u></td></tr><tr><td><u>16</u></td><td><u>298</u></td><td><u>300</u></td><td><u>loose sand</u></td><td><u>X</u></td><td></td></tr><tr><td><u>16</u></td><td><u>300</u></td><td><u>310</u></td><td><u>black basalt</u></td><td></td><td><u>X</u></td></tr><tr><td><u>10</u></td><td><u>310</u></td><td><u>328</u></td><td><u>broken large rocks</u></td><td><u>X</u></td><td></td></tr><tr><td colspan="6"><u>carry in lot of water</u></td></tr></tbody></table>		Bore Diam.	Depth		Material	Water		From	To	Yes	No	<u>20</u>	<u>0</u>	<u>40</u>	<u>yellow clay</u>		<u>X</u>	<u>20</u>	<u>40</u>	<u>50</u>	<u>sandstone and clay</u>	<u>X</u>		<u>20</u>	<u>50</u>	<u>52</u>	<u>hard sandstone</u>		<u>X</u>	<u>20</u>	<u>52</u>	<u>132</u>	<u>layers of clay and sandstone</u>		<u>X</u>	<u>20</u>	<u>132</u>	<u>150</u>	<u>quartz sandstone</u>		<u>X</u>	<u>20</u>	<u>150</u>	<u>183</u>	<u>yellowish clay</u>		<u>X</u>	<u>20</u>	<u>183</u>	<u>184</u>	<u>black basalt</u>		<u>X</u>	<u>20</u>	<u>184</u>	<u>190</u>	<u>red sandstone</u>		<u>X</u>	<u>very small amount of water in the above layers</u>						<u>16</u>	<u>190</u>	<u>298</u>	<u>black basalt</u>		<u>X</u>	<u>16</u>	<u>298</u>	<u>300</u>	<u>loose sand</u>	<u>X</u>		<u>16</u>	<u>300</u>	<u>310</u>	<u>black basalt</u>		<u>X</u>	<u>10</u>	<u>310</u>	<u>328</u>	<u>broken large rocks</u>	<u>X</u>		<u>carry in lot of water</u>					
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<b>4. METHOD DRILLED</b> <input type="checkbox"/> Rotary <input type="checkbox"/> Air <input type="checkbox"/> Hydraulic <input type="checkbox"/> Reverse rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Dug <input type="checkbox"/> Other _____		<b>10.</b> Work started <u>3-2-90</u> finished <u>6-17-90</u>																																																																																															
<b>5. WELL CONSTRUCTION</b> Casing schedule: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other _____ <table border="1"><thead><tr><th>Thickness</th><th>Diameter</th><th>From</th><th>To</th></tr></thead><tbody><tr><td><u>1/4</u> inches</td><td><u>16</u> inches</td><td><u>1</u> feet</td><td><u>190</u> feet</td></tr><tr><td><u>1/4</u> inches</td><td><u>12</u> inches</td><td><u>292</u> feet</td><td><u>317</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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Was a packer or seal used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Perforated? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No How perforated? <input checked="" type="checkbox"/> Factory <input type="checkbox"/> Knife <input type="checkbox"/> Torch Size of perforation <u>3/4</u> inches by <u>3</u> inches <table border="1"><thead><tr><th>Number</th><th>From</th><th>To</th></tr></thead><tbody><tr><td><u>256</u> perforations</td><td><u>301</u> feet</td><td><u>317</u> feet</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table> Well screen installed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth <u>25</u> Material used in seal: <input type="checkbox"/> Cement grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Puddling clay <input type="checkbox"/> _____ Sealing procedure used: <input type="checkbox"/> Slurry pit <input type="checkbox"/> Temp. surface casing <input checked="" type="checkbox"/> Overbore to seal depth Method of joining casing: <input type="checkbox"/> Threaded <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Solvent Weld <input type="checkbox"/> Cemented between strata Describe access port <u>2 inch steel gauge</u> <u>drilled cap</u>		Thickness	Diameter	From	To	<u>1/4</u> inches	<u>16</u> inches	<u>1</u> feet	<u>190</u> feet	<u>1/4</u> inches	<u>12</u> inches	<u>292</u> feet	<u>317</u> feet									Number	From	To	<u>256</u> perforations	<u>301</u> feet	<u>317</u> feet							<b>11. DRILLERS CERTIFICATION</b> I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>Johnston Drilling</u> Firm No. <u>92</u> Address <u>Melba Ida</u> Date <u>7-18-90</u> Signed by (Firm Official) <u>Clarence Johnston</u> and (Operator) <u>Wayne Smith</u>																																																															
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<b>6. LOCATION OF WELL</b> Sketch map location must agree with written location. <table border="1"><tr><td>N</td><td></td><td></td><td></td><td></td></tr><tr><td>W</td><td></td><td>X</td><td></td><td>E</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table> Subdivision Name _____ Lot No. _____ Block No. _____ County <u>Owyhee</u> <u>NW 1/4 SE 1/4 Sec. 16 T. 38 N. R. 1 W.</u>		N					W		X		E																																																																																						
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Well (POD)  
located within  
the NESE QQ.  
Measuring port  
not installed on  
system.



US Electric  
Motor SN:  
MN9537 270  
T4164 389

300 hp





112 psi of  
system at well.





Excavated  
portion of pipe  
~100 feet of lift  
above well.  
(topo map)





GE TransPort  
PT 878 Ultra  
Sonic Flow  
Meter

SN: 08447



Holding pond  
where ground  
water is  
pumped to.  
Water in small  
pond is  
collected from  
other sources  
and enters  
booster system  
to pivots and  
sprinklers.





State of Idaho

DEPARTMENT OF WATER RESOURCES

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

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Web Site: [www.idwr.idaho.gov](http://www.idwr.idaho.gov)

C. L. "BUTCH" OTTER  
Governor

GARY SPACKMAN  
Director

April 6, 2015

JOYCE LIVESTOCK CO LTD  
14568 JOYCE RANCH RD  
MURPHY ID 83650

**RE: Scheduling Field Exam for Water Right Permit No. 57-7522.**

Dear Permit Holder:

We are planning to **conduct water right examinations** in the vicinity of the above-referenced permit **during the week of April 13, 2015**. An examination is needed to verify your water use in order to issue a water right license.

Please be advised that you will need to operate your system under normal conditions during the examination. The permit authorizes irrigation use on the property.

In order to conduct your exam as efficiently as possible, we ask that you call this office to schedule a day and time convenient for you. **Please call me at 208-334-2190 by April 10, 2015.** If there is a problem with scheduling or conducting the examination at this time, please call and other arrangements can be made. I appreciate your attention in this matter and I look forward to hearing from you.

Sincerely,

Patrick Kelly.  
Water Resource Agent