

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9526

Exam Date: 5/13/2013

1. Current Owner: LINDSEY LANE WATER USERS ASSN
PO BOX 805
ATHOL ID 83801
(208)683-03349
2. Accompanied by: Gerry Savage
Phone No: 208-215-8329
Address: 8309 E Morning Glory Ave
Relationship to Permit Holder: Operator

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

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NONE
2. Other water rights with the same point of diversion: NONE

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

GROUND WATER NW1/4SW1/4 Sec. 14, Twp 53N, Rge 03W, B.M. KOOTENAI County

Method of Determination: GPS AND MAPS

2.

PLACE OF USE: DOMESTIC

Twp Rge Sec	NE				NW				SW				SE				Totals
53N 03W 14	<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>	
									X	X	X						

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
53N 03W 14	<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>	
									1.0	2.0	1.5						4.5

Total Acres: 4.5

Method of Determination:

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**ID No.*****Motor Make****Hp****Motor Serial No.****Pump Make****Pump Serial No. or Discharge
Size**

See Driller's Report 96-91-N-134

5HP pump

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

D. FLOW MEASUREMENTS

PUMP EQUATIONS WATER RIGHT No. 95-9526						
		HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q =	HP*8.8*Eff/H	5	512.5170068	0.7	420	40
Q =	0.060 cfs 27.0 gpm					

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 4.5 \times 3 = 13.5 \text{ AF}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 25.48 \text{ AF}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 13.5 \text{ AF}$$

2. Volume Calculations for Other Uses: 8 homes $\times 0.6 \text{ af} = 4.8 \text{ AF}$ **G. NARRATIVE/REMARKS/COMMENTS: 8 Homes on the system each home has a 1200 gallon tank. 4.5 Of irrigation at the time of the exam for lawn and gardens.**

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>
DOMESTIC	01/01 to 12/31	0.060 CFS	4.80 AF
IRRIGATION	04/01 to 10/31	0.060 CFS	13.50 AF
<u>Totals:</u>		0.060 CFS	18.30 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 Keith E. Sandalini Date 5-14-2013

Reviewer Keith E. Sandalini Date 6/11/2013

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

CHANGE IN ADDRESS

This form can be used to notify the Department of a change in
Address of the owners of record for the listed water rights.
(Please print or type)

[] Water Right Number(s):

95-09526

[] Names(s):

Lindsey Lane water Asso.

[] Old Mailing Address:

PO Box 618

Athol ID. 83801

[] New Mailing Address:

Lindsey Lane water Asso.

PO Box 805

Athol ID. 83801

Telephone Number:

208-683-0349

[] Signature(s) of Owner(s)

St. P. [Signature]

(Include your title if on behalf of company or organization)

Date:

5-14-13

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCESUSE TYPEWRITER OR
BALLPOINT PEN

WELL DRILLER'S REPORT

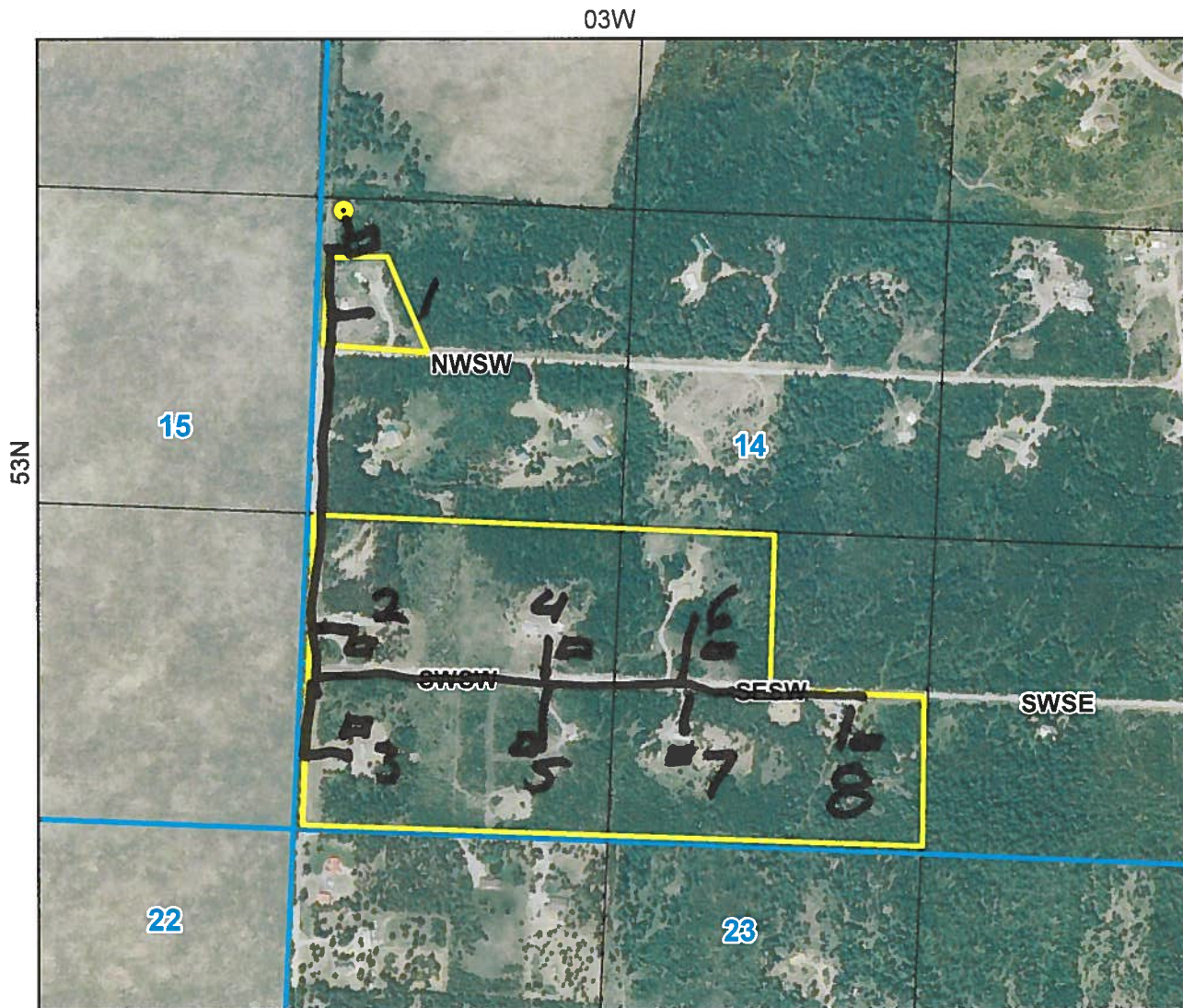
State law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well.

1. WELL OWNER Name <u>Greg Martinez</u> Address _____ Drilling Permit No. <u>96-91-N-134</u> Water Right Permit No. _____		7. WATER LEVEL Static water level <u>380'</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 _____ of. Quality _____ Describe artesian or temperature zones below.																																																											
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Well diameter increase ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)		8. WELL TEST DATA ☐ Pump ☐ Bailer ☒ Air ☐ 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>20</u></td><td><u>760</u></td><td><u>3</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>760</u>	<u>3</u>																																																				
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3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)		9. LITHOLOGIC LOG <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>8"</td><td>0</td><td>25</td><td>ver. hard sand & gravel</td><td></td><td>X</td></tr><tr><td>6"</td><td>25</td><td>160</td><td>hard sand</td><td></td><td>X</td></tr><tr><td>6"</td><td>160</td><td>210</td><td>hard sand & gravel</td><td></td><td>X</td></tr><tr><td>6"</td><td>210</td><td>240</td><td>hard sand & gravel</td><td></td><td>X</td></tr><tr><td>6"</td><td>240</td><td>355</td><td>hard sand & gravel</td><td></td><td>X</td></tr><tr><td>6"</td><td>355</td><td>374</td><td>hard sand & gravel</td><td></td><td>X</td></tr><tr><td>6"</td><td>374</td><td>455</td><td>hard sand & gravel</td><td>X</td><td></td></tr><tr><td>6"</td><td>455</td><td>760</td><td>hard sand</td><td>X</td><td></td></tr></tbody></table>		Bore Diam.	Depth		Material	Water		From	To	Yes	No	8"	0	25	ver. hard sand & gravel		X	6"	25	160	hard sand		X	6"	160	210	hard sand & gravel		X	6"	210	240	hard sand & gravel		X	6"	240	355	hard sand & gravel		X	6"	355	374	hard sand & gravel		X	6"	374	455	hard sand & gravel	X		6"	455	760	hard sand	X	
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4. METHOD DRILLED ☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Dug ☐ Other _____		RECEIVED SEP 12 1991 NORTHERN REGION IDWR RECEIVED SEP 19 1991 Department of Water Resources																																																											
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>1250</u> inches</td><td><u>6</u> inches</td><td><u>2</u> feet</td><td><u>460</u> feet</td></tr><tr><td> </td><td> </td><td> </td><td> </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 ☐ Gun Size of perforation <u>3/8</u> inches by <u>1.5</u> inches <table border="1"><thead><tr><th>Number</th><th>From</th><th>To</th></tr></thead><tbody><tr><td><u>90</u> perforations</td><td><u>430</u> feet</td><td><u>460</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? ☐ 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>25'</u> 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 strata Describe access port <u>well cap</u>				Thickness	Diameter	From	To	<u>1250</u> inches	<u>6</u> inches	<u>2</u> feet	<u>460</u> feet													Number	From	To	<u>90</u> perforations	<u>430</u> feet	<u>460</u> feet																																
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6. LOCATION OF WELL Sketch map location <u>must</u> 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></td><td></td><td></td><td></td></tr><tr><td>S</td><td></td><td></td><td></td></tr></table> County <u>KOOTENAI</u> Subdivision Name _____ Lot No. _____ Block No. _____ NW 1/4 SW 1/4 Sec. <u>14</u> , T. <u>53</u> N ☒ S ☐ R. <u>3</u> E ☐ W ☒		N				W			E									S				10. Work started <u>8/21</u> finished <u>9/6</u>																																							
N																																																													
W			E																																																										
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11. DRILLERS CERTIFICATION (We certify that all minimum well construction standards were complied with at the time the rig was removed.) Firm Name <u>Zip Up Water Well</u> Firm No. <u>488</u> Address <u>1511 Blanche Rd</u> Date <u>9-9-91</u> Signed by (Firm Official) <u>John R. [Signature]</u> and _____ (Operator)																																																													

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

State of Idaho
Department of Water Resources
Water Right License
95-9526

SYSTEM



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

0 0.075 0.15 0.3 Miles

1200 GAL TANK



POU IRR.JPG



GPS TAG.JPG



POD.JPG



PUMP TAG.JPG



OLD PUMP.JPG



1200 GAL TANK.JPG



POU 1.JPG



POU 1 TANK.JPG



POU 2.JPG



POU 2 LAWN .JPG



POU 2 IRR.JPG



POU 3 IRR.JPG



POU 3 TANK.JPG



POU 3.JPG



POU 4.JPG



POU 4 TANK.JPG



POU 5 TANK.JPG



POU 5 .JPG



POU 6 .JPG



POU 6 IRR.JPG



POU TANK.JPG



POU 7 .JPG



POU 7 TANK.JPG



IRRIGATION .JPG



POU 8 .JPG

95-9526













