

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public water of the State of Idaho

1. Name: SYLTE RANCH LLC
8626 W SYLTE RANCH RD
RATHDRUM ID 83858-6820
(208)687-1213

2. Source: GROUND WATER

3. Location of Point of Diversion:

#1 GROUND WATER L4 (SW1/4SW1/4) Sec. 30, Twp 52N, Rge 04W, B.M.
KOOTENAI County

4. Water will be used for the following purposes:

<u>Purpose</u>	<u>From</u> <u>To</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	01/01 to 12/31	0.05 CFS	
IRRIGATION	03/15 to 11/15	0.05 CFS	

5. Total quantity to be appropriated is: 0.05 CFS

6. Proposed diverting works:

POINT OF DIVERSION #1

- Type and size of devices used to divert water from the source:
- Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- Proposed well diameter is 8 inches;
Proposed depth of well is 508 feet.
- Is ground water with a temperature of greater than 85F being sought? N
- If well is already drilled, when? 3/18/1993;
Drilling Firm: 360;
Drilling Permit No. 753397.

7. Time required for the completion of the works and application of the water to the proposed beneficial use is 1 year(s).

8. 4 homes

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PLACE OF USE: DOMESTIC

Twp Rge Sec	NE				NW				SW				SE				Totals
52N 04W 30	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
										X							
										L 4							

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
52N 04W 30	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
											2.0						2.0
										L 4							2.0
										2.0							2.0

9a. Who owns the property at the point of diversion? If other than applicant, describe the arrangement enabling the applicant to make this filing.

APPLICANT

9b. Who owns the land to be irrigated or place of use? If other than applicant, describe the arrangement enabling the applicant to make this filing.

APPLICANT

10. Remarks:

11. Map of proposed point of diversion and place of use attached? []

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

John A. Seltz
Applicant

Received by _____ Date _____ Time _____ Preliminary check by _____
Publication prepared by _____ Date _____ Published in _____
Publication approved _____ Date _____

Receipt No. N021459 T088895

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES**

APPLICATION FOR PERMIT

To appropriate the public water of the State of Idaho

Date: _____

Received by: _____

State of Idaho
Department of Water Resources
Application for Permit
95-10876
Water Service Area Boundary for
July 24, 2009



Legend

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

0 0.015 0.03 0.06 Miles





STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE 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>Gordon Sylte</u> Address <u>Rt 4 Box 854 Rathdrum, Idaho 83858</u> Drilling Permit No. <u>95-92-N-229-000</u> Water Right Permit No. _____	7. WATER LEVEL Static water level <u>50</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 _____ <i>Describe artesian or temperature zones below.</i>																																																																																																	
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" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 33%;">Discharge G.P.M.</th> <th style="width: 33%;">Pumping Level</th> <th style="width: 33%;">Hours Pumped</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">6</td> <td style="text-align: center;">500</td> <td style="text-align: center;">1</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	6	500	1																																																																																											
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3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)	9. LITHOLOGIC LOG 89540 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Bore Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th rowspan="2">Wa Yes</th> </tr> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>12</td> <td> </td> <td>1</td> <td>top soil</td> <td> </td> </tr> <tr> <td>12</td> <td>1</td> <td>18</td> <td>sand & large gravel</td> <td> </td> </tr> <tr> <td>8</td> <td>18</td> <td>23</td> <td>sand & brown clay</td> <td> </td> </tr> <tr> <td> </td> <td>23</td> <td>51</td> <td>sand, gravel & some boulders</td> <td> </td> </tr> <tr> <td> </td> <td>51</td> <td>83</td> <td>salt & pepper granite</td> <td> </td> </tr> <tr> <td> </td> <td>83</td> <td>85</td> <td>soft decomposed granite</td> <td> </td> </tr> <tr> <td> </td> <td>85</td> <td>130</td> <td>firm black & white granite</td> <td> </td> </tr> <tr> <td> </td> <td>130</td> <td>134</td> <td>soft black & white (2 gal)</td> <td>X</td> </tr> <tr> <td>6</td> <td>134</td> <td>183</td> <td>salt & pepper granite</td> <td> </td> </tr> <tr> <td> </td> <td>183</td> <td>184</td> <td>soft salt & pepper, some green (2 gal)</td> <td>X</td> </tr> <tr> <td> </td> <td>184</td> <td>353</td> <td>black & white granite</td> <td> </td> </tr> <tr> <td> </td> <td>353</td> <td>358</td> <td>soft salt & pepper (1 gal)</td> <td>X</td> </tr> <tr> <td> </td> <td>358</td> <td>467</td> <td>salt & pepper granite</td> <td> </td> </tr> <tr> <td> </td> <td>467</td> <td>472</td> <td>soft salt & pepper (1 gal)</td> <td>X</td> </tr> <tr> <td> </td> <td>472</td> <td>508</td> <td>firm black & white granite</td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td>6" started @ 160</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> </tbody> </table>	Bore Diam.	Depth		Material	Wa Yes	From	To	12		1	top soil		12	1	18	sand & large gravel		8	18	23	sand & brown clay			23	51	sand, gravel & some boulders			51	83	salt & pepper granite			83	85	soft decomposed granite			85	130	firm black & white granite			130	134	soft black & white (2 gal)	X	6	134	183	salt & pepper granite			183	184	soft salt & pepper, some green (2 gal)	X		184	353	black & white granite			353	358	soft salt & pepper (1 gal)	X		358	467	salt & pepper granite			467	472	soft salt & pepper (1 gal)	X		472	508	firm black & white granite					6" started @ 160											
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5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <table style="width: 100%; margin-top: 5px;"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td><u>250</u> inches</td> <td><u>8</u> inches</td> <td><u>1 1/2</u> feet</td> <td><u>53.4</u> feet</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td><u>PVC 160</u> inches</td> <td><u>4</u> inches</td> <td><u>-8</u> feet</td> <td><u>50.8</u> feet</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>1/8</u> inches by <u>6</u> inches Saw	Thickness	Diameter	From	To	<u>250</u> inches	<u>8</u> inches	<u>1 1/2</u> feet	<u>53.4</u> feet					<u>PVC 160</u> inches	<u>4</u> inches	<u>-8</u> feet	<u>50.8</u> feet																																																																																		
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RECEIVED

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only		
Well ID No. _____		
Inspected by _____		
Twp _____	Rge _____	Sec _____
_____ 1/4	_____ 1/4	_____ 1/4
Lat: _____	Long: _____	

1. WELL TAG NO. D 95-92-N-228 229
 DRILLING PERMIT NO. 838767
 Water Right or Injection Well No. _____

2. OWNER:

Name Gordon Sylte
Address 8626 W Sylte Ranch Rd.
City Rathdrum, State ID Zip 83858

3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk, Sub. or Directions to well.

Twp. 52 North ☒ or South ☐
Rge. 4 East ☐ or West ☒
Sec. 30
Gov't Lot _____
County Kootenai

Lat: : : Long: : :
Address of Well Site Same

City _____

(Give at least name of road + distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

Lt. _____ Blk. _____ Sub. Name _____

4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other

5. TYPE OF WORK check all that apply

☐ New Well ☐ Modify ☐ Abandonment ☒ Other **Cleaning** (Replacement etc.)

6. DRILL METHOD:

☐ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method

Was drive shoe used? ☐ Y ☐ N Shoe Depth(s) _____

Was drive shoe seal tested? ☐ Y ☐ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____
Packer ☐ Y ☐ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method

Screen Type & Method of Installation

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

—6.6— ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices:

12. WELL TESTS:

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
20+ gpm	340'	400'	1 hr.

Water Temp. _____ Bottom hole temp. _____

Water Quality test or comments: _____

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y
			Well Cleaning: Removed liner Brushed & bailed well bore Performed Aqua Freed Process Injected 1,700 lbs. CO₂ Replaced 4" PVC liner Test pumped well, improved from 5 gpm to 20+gpm	
			RECEIVED NOV 16 2005 IDWR/North	

Completed Depth _____ (Measurable)

Date: Started 10-19-05 Completed 10-21-05

14. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name Water Recovery Sery. Firm No. 584

Principal Driller Fred Bant Date 11/14/05
and

Driller or Operator II _____ Date _____

Operator I _____ Date _____

Principal Driller and Rig Operator Required

52N 4W 30