

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>Dale H. Ward</u> Address <u>Rockford Bay, Idaho</u> Drilling Permit No. <u>95-91-N-114</u> Water Right Permit No. _____	7. WATER LEVEL Static water level <u>Est 100'</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 _____ <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 ☐ Bailor ☒ Air ☐ Other _____ <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> </thead> <tbody> <tr> <td><u>Est 7 1/2 GPM's</u></td> <td></td> <td></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>Est 7 1/2 GPM's</u>																																											
Discharge G.P.M.	Pumping Level	Hours Pumped																																														
<u>Est 7 1/2 GPM's</u>																																																
3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)	9. LITHOLOGIC LOG <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">Water Yes No</th> </tr> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>8"</td> <td>0</td> <td>2</td> <td>TOP SOIL</td> <td></td> </tr> <tr> <td>"</td> <td>2</td> <td>10</td> <td>Clay</td> <td></td> </tr> <tr> <td>"</td> <td>10</td> <td>22</td> <td>Decomposed Granite looking stuff</td> <td></td> </tr> <tr> <td>"</td> <td>22</td> <td>36</td> <td>Basalt</td> <td></td> </tr> <tr> <td>"</td> <td>36</td> <td>159</td> <td>Clay</td> <td></td> </tr> <tr> <td>"</td> <td>159</td> <td>205</td> <td>Decomposed Granite</td> <td></td> </tr> <tr> <td>"</td> <td>205</td> <td>211</td> <td>Granite</td> <td></td> </tr> <tr> <td>6"</td> <td>211</td> <td>526</td> <td>Granite</td> <td>☒</td> </tr> </tbody> </table> <u>WATER AT 439' 1 1/2 GPM's</u> <u>478-485' 6 GPM's</u> <u>Green Granite</u>	Bore Diam.	Depth		Material	Water Yes No	From	To	8"	0	2	TOP SOIL		"	2	10	Clay		"	10	22	Decomposed Granite looking stuff		"	22	36	Basalt		"	36	159	Clay		"	159	205	Decomposed Granite		"	205	211	Granite		6"	211	526	Granite	☒
Bore Diam.	Depth		Material	Water Yes No																																												
	From	To																																														
8"	0	2	TOP SOIL																																													
"	2	10	Clay																																													
"	10	22	Decomposed Granite looking stuff																																													
"	22	36	Basalt																																													
"	36	159	Clay																																													
"	159	205	Decomposed Granite																																													
"	205	211	Granite																																													
6"	211	526	Granite	☒																																												
4. METHOD DRILLED ☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Dug ☐ Other _____	10. Work started <u>7-25-91</u> finished <u>8-2-91</u>																																															
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☒ Other <u>PVC</u> <table border="1" style="width: 100%; border-collapse: collapse;"> <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>6"</u> inches</td> <td><u>1 1/2</u> feet</td> <td><u>211</u> feet</td> </tr> <tr> <td><u>160 PSI</u> inches</td> <td><u>4"</u> inches</td> <td><u>185</u> feet</td> <td><u>526</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>7/16</u> inches by <u>4"</u> inches ☒ SAW <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Number</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td><u>60</u> perforations</td> <td><u>486</u> feet</td> <td><u>520</u> feet</td> </tr> <tr> <td><u>30</u> perforations</td> <td><u>466</u> feet</td> <td><u>486</u> feet</td> </tr> <tr> <td><u>30</u> perforations</td> <td><u>Misc</u> feet</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>18+</u> Material used in seal: ☐ Cement grout ☒ Bentonite ☐ Puddling 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 _____	Thickness	Diameter	From	To	<u>250</u> inches	<u>6"</u> inches	<u>1 1/2</u> feet	<u>211</u> feet	<u>160 PSI</u> inches	<u>4"</u> inches	<u>185</u> feet	<u>526</u> feet					Number	From	To	<u>60</u> perforations	<u>486</u> feet	<u>520</u> feet	<u>30</u> perforations	<u>466</u> feet	<u>486</u> feet	<u>30</u> perforations	<u>Misc</u> feet		11. DRILLERS CERTIFICATION <u>ee</u> I/We certify that all minimum well construction standards were complied with at the time the rig was removed. <u>AQUA Drilling</u> Firm Name <u>Exploration Inc.</u> Firm No. <u>163</u> Address <u>P.O. Box 225 CDA, Idaho</u> Date <u>8-2-91</u> Signed by (Firm Official) <u>Scott M. Beaurum</u> and <u>Scott M. Beaurum</u> (Operator)																			
Thickness	Diameter	From	To																																													
<u>250</u> inches	<u>6"</u> inches	<u>1 1/2</u> feet	<u>211</u> feet																																													
<u>160 PSI</u> inches	<u>4"</u> inches	<u>185</u> feet	<u>526</u> feet																																													
Number	From	To																																														
<u>60</u> perforations	<u>486</u> feet	<u>520</u> feet																																														
<u>30</u> perforations	<u>466</u> feet	<u>486</u> feet																																														
<u>30</u> perforations	<u>Misc</u> feet																																															
6. LOCATION OF WELL Sketch map location <u>must</u> agree with written location. N W E Subdivision Name <u>DEC 27 1991</u> Lot No. _____ Block No. _____ County <u>Kootenai</u> Lot # <u>6</u> <u>SE 1/4 Sec. 6 T. 48 S. 4 R. 4 W. 4</u>	12. RECEIVED SEP 19 1991 SEP 17 1991 Department of Water Resources NORTHERN REGION 1 DWR																																															

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