

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>Lewis Zirkle</u> Address <u>E. 925 Sturgeon Rd.Rathdrum,ID 83858</u> Owner's Permit No. <u>95-86-N-121 -1</u>	7. WATER LEVEL Static water level <u>90</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 ☐ New well ☒ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) _____	8. WELL TEST DATA ☐ Pump ☐ Bailer ☒ 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 align="center"><u>100</u></td> <td align="center"><u>235' drawdown</u></td> <td align="center"><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>100</u>	<u>235' drawdown</u>	<u>1</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" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Hole 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 align="center">6"</td> <td align="center">0'</td> <td align="center">3'</td> <td>Brn silty top soil,sand & gravel</td> <td align="center"></td> <td align="center">x</td> </tr> <tr> <td></td> <td align="center">3'</td> <td align="center">55'</td> <td>Gravel sand & boulders</td> <td align="center"></td> <td align="center">x</td> </tr> <tr> <td></td> <td align="center">55'</td> <td align="center">62'</td> <td>Sand & gravel up to 1 inch round</td> <td align="center"></td> <td align="center">x</td> </tr> <tr> <td></td> <td align="center">62'</td> <td align="center">76'</td> <td>Granite,heav fract,rusty brn med hrd</td> <td align="center"></td> <td align="center">x</td> </tr> <tr> <td></td> <td align="center">76'</td> <td align="center">102'</td> <td>Granite,fract,lite purple w/drck purple mica,thin layers white qrtz,med hrd</td> <td align="center"></td> <td align="center">x</td> </tr> <tr> <td></td> <td align="center">102'</td> <td align="center">158'</td> <td>Granite,occs fract,lite & drk grn-clear,med hrd</td> <td align="center"></td> <td align="center">x</td> </tr> <tr> <td></td> <td align="center">158'</td> <td align="center">178'</td> <td>Granite,fract,drk & lite grn-cream,med hrd</td> <td align="center"></td> <td align="center">x</td> </tr> <tr> <td></td> <td align="center">178'</td> <td align="center">202'</td> <td>Quartz,fract,lite purple-white-clear,med hrd</td> <td align="center"></td> <td align="center">x</td> </tr> <tr> <td></td> <td align="center">202'</td> <td align="center">263'</td> <td>Granite,occas fract,dk gray-lite & drk grn-white,med hrd</td> <td align="center"></td> <td align="center">x</td> </tr> <tr> <td></td> <td align="center">263'</td> <td align="center">281'</td> <td>Granite,fract,drk purple,layers white & grn qrtz,drk purple mica,med hrd</td> <td align="center"></td> <td align="center">x</td> </tr> <tr> <td></td> <td align="center">281'</td> <td align="center">324'</td> <td>Granite,lite purple-grn-white,med hrd</td> <td align="center"></td> <td align="center">x</td> </tr> <tr> <td></td> <td align="center">324'</td> <td align="center">325'</td> <td>Granite,heav fract,lite grn-cream-white,med hrd,loose w/heav greenish brn sed</td> <td align="center"></td> <td align="center">x</td> </tr> <tr> <td></td> <td align="center">325'</td> <td align="center">335'</td> <td>Granite,gray-lite grn-white,hrd</td> <td align="center"></td> <td align="center">x</td> </tr> </tbody> </table>	Hole Diam.	Depth		Material	Water		From	To	Yes	No	6"	0'	3'	Brn silty top soil,sand & gravel		x		3'	55'	Gravel sand & boulders		x		55'	62'	Sand & gravel up to 1 inch round		x		62'	76'	Granite,heav fract,rusty brn med hrd		x		76'	102'	Granite,fract,lite purple w/drck purple mica,thin layers white qrtz,med hrd		x		102'	158'	Granite,occs fract,lite & drk grn-clear,med hrd		x		158'	178'	Granite,fract,drk & lite grn-cream,med hrd		x		178'	202'	Quartz,fract,lite purple-white-clear,med hrd		x		202'	263'	Granite,occas fract,dk gray-lite & drk grn-white,med hrd		x		263'	281'	Granite,fract,drk purple,layers white & grn qrtz,drk purple mica,med hrd		x		281'	324'	Granite,lite purple-grn-white,med hrd		x		324'	325'	Granite,heav fract,lite grn-cream-white,med hrd,loose w/heav greenish brn sed		x		325'	335'	Granite,gray-lite grn-white,hrd		x
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5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <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>.025 inches</td> <td>6 inches</td> <td>+ 1 feet</td> <td>68 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 Size of perforation _____ inches by _____ inches <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>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</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 ☐ 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 _____	Thickness	Diameter	From	To	.025 inches	6 inches	+ 1 feet	68 feet													Number	From	To	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet																																																									
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6. LOCATION OF WELL Sketch map location must agree with written location. Subdivision Name _____ Lot No. _____ Block No. _____ County <u>Kootenai</u> <u>SE ¼ SE ¼ Sec. 18</u>, T. <u>52</u> N., R. <u>4</u> W.B.M.	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>ZINKGRAF'S WELL DRILLING CO.</u> Firm No. <u>X111 59</u> Address <u>P.O. BOX 4341, Spokane WA. 99202</u> Date <u>6/20/86</u> Signed by (Firm Official) <u>James J. Zinkgraf</u> and (Operator) <u>James J. Zinkgraf</u>																																																																																								