

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCESU / PSEWRITER 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 Hansen</u> Address <u>Ermiida Idaho 83808</u> Owner's Permit No. <u>92-88-71-10 83764</u> <u>Box 136</u> <u>St. Maries Idaho</u>		7. WATER LEVEL Static water level <u>surface</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 <u>Good</u> Describe artesian or temperature zones below.																																																																																															
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)		8. WELL TEST DATA ☒ Pump ☐ Bailor ☐ Air ☐ Other <u>ION</u> Discharge G.P.M. <u>104 p.m.</u> Pumping Level <u>20 ft.</u> Hours Pumped <u>1 hr.</u>																																																																																															
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>18</td><td>0</td><td>15</td><td>yellow clay</td><td></td><td></td></tr><tr><td>10</td><td>18</td><td>19</td><td>At yellow clay and basalt rock.</td><td></td><td></td></tr><tr><td>10</td><td>19</td><td>25</td><td>yellow clay</td><td></td><td></td></tr><tr><td>8</td><td>25</td><td>48</td><td>yellow & blue clay</td><td></td><td></td></tr><tr><td>8</td><td>48</td><td>63</td><td>black clay & basalt rock</td><td></td><td></td></tr><tr><td>8</td><td>62</td><td>71</td><td>hard rubbery black shale</td><td></td><td></td></tr><tr><td>8</td><td>71</td><td>155</td><td>hard basalt rock</td><td></td><td></td></tr><tr><td>6</td><td>155</td><td>227</td><td>250-Casing with 1" drive shoe hard basalt rock</td><td></td><td></td></tr><tr><td>6</td><td>222</td><td>275</td><td>blue gray black shale clay</td><td></td><td></td></tr><tr><td>6</td><td>275</td><td>280</td><td>basalt rock</td><td></td><td></td></tr><tr><td>6</td><td>280</td><td>291</td><td>black shale, gray shale, blue shale and basalt rock</td><td></td><td></td></tr><tr><td>6</td><td>291</td><td>305</td><td>gray, blue clay shale with basalt rock thin with granite coarse sand.</td><td></td><td></td></tr><tr><td>6</td><td>305</td><td>317</td><td>gray blue clay shale little basalt rock with granite sand</td><td></td><td></td></tr><tr><td>6</td><td>317</td><td>360</td><td>hard soft basalt rock started to harden up.</td><td></td><td></td></tr></tbody></table>		Bore Diam.	Depth		Material	Water		From	To	Yes	No	18	0	15	yellow clay			10	18	19	At yellow clay and basalt rock.			10	19	25	yellow clay			8	25	48	yellow & blue clay			8	48	63	black clay & basalt rock			8	62	71	hard rubbery black shale			8	71	155	hard basalt rock			6	155	227	250-Casing with 1" drive shoe hard basalt rock			6	222	275	blue gray black shale clay			6	275	280	basalt rock			6	280	291	black shale, gray shale, blue shale and basalt rock			6	291	305	gray, blue clay shale with basalt rock thin with granite coarse sand.			6	305	317	gray blue clay shale little basalt rock with granite sand			6	317	360	hard soft basalt rock started to harden up.		
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4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☒ Cable ☐ Dug ☐ Other _____		10. Work started <u>March 89</u> finished <u>June 89</u>																																																																																															
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ Thickness Diameter From To <u>250</u> inches <u>8</u> inches + <u>18"</u> feet <u>62</u> feet <u>250</u> inches <u>6</u> inches <u>135"</u> feet <u>155</u> feet <u>118</u> inches <u>4" PVC</u> inches <u>242</u> feet <u>360</u> feet 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 Number From To _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet 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>62'</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 <u>Powered 1 1/2" gal 7 sack</u> <u>Cement on end side of casing</u>		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>Phil Olson</u> Firm No. <u>179</u> Address <u>Box 400</u> Date <u>July 24-89</u> Signed by (Firm Official) <u>Phil Olson</u> and (Operator) <u>Phil Olson</u>																																																																																															
6. LOCATION OF WELL Sketch map location must agree with well log. Subdivision <u>Map</u> <u>NOV 13 1990</u> Lot No. _____ Block No. _____ County <u>Benevolence</u> _____ 1/4 _____ 1/4 Sec. <u>18</u> , T. <u>4</u> , N. R. <u>1W</u> E. W.																																																																																																	