

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 95-08317

Priority: May 27, 1983 Amount: 0.04 CFS 1.2 AFA

This is to certify, that RAY DOWNING
NANCY DOWNING

3100 HULL RD.

COEUR D ALENE, ID 83814

has complied with the terms and conditions of the permit issued pursuant to Application for Permit dated May 27, 1983, and has submitted proof to the Department of Water Resources on November 23, 1984, that water has been applied to a beneficial use; an examination by the Department indicates that the works have a diversion capacity of .040 cfs of water from a GROUNDWATER source and that a water right has been established as follow:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>VOLUME</u>
DOMESTIC	01/01 to 12/31	0.04 CFS	1.2 AFA

LOCATION OF POINT OF DIVERSION(S): SWNW , Sec. 2, Township 49N, Range 04W
KOOTENAI County

PLACE OF USE: DOMESTIC

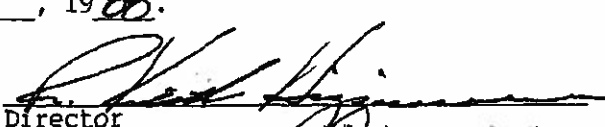
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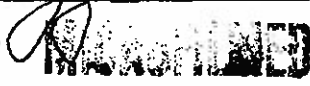
49N 04W 2 SWNW

CONDITIONS/REMARKS:

1. The right to the use of water hereby confirmed is limited to the amount which can actually be beneficially used and is restricted and appurtenant to the lands or place of use and to the purpose herein described, as provided by the laws of Idaho.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this 14th day of June, 1988.


Director


JUL 27 1988

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORTState 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.USE TYPEWRITER OR
BALLPOINT PEN

JUN 9 1983

1. WELL OWNER Name <u>Ray & Nancy Downing</u> Address <u>1205 Mullan CDA, Idaho 83814</u> Owner's Permit No. <u>95-83-N-43</u>	7. WATER LEVEL Static water level <u>80</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 <u>cold</u> °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 ☐ Bailer ☒ Air ☐ Other _____ <table border="1" style="width:100%"><tr><th>Discharge G.P.M.</th><th>Pumping Level</th><th>Hours Pumped</th></tr><tr><td>20 G.P.M.</td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>	Discharge G.P.M.	Pumping Level	Hours Pumped	20 G.P.M.																																																																																																																		
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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%"><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>6</td><td>0</td><td>8</td><td>clay</td><td></td><td>x</td></tr><tr><td>6</td><td>8</td><td>9</td><td>basalt boulders</td><td></td><td>x</td></tr><tr><td>6</td><td>9</td><td>23</td><td>hard red clay</td><td></td><td>x</td></tr><tr><td>6</td><td>23</td><td>32</td><td>gray clay</td><td></td><td>x</td></tr><tr><td>6</td><td>32</td><td>33</td><td>broken basalt</td><td></td><td>x</td></tr><tr><td>6</td><td>33</td><td>53</td><td>brown clay</td><td></td><td>x</td></tr><tr><td>6</td><td>53</td><td>110</td><td>basalt hard</td><td></td><td>x</td></tr><tr><td>6</td><td>110</td><td>115</td><td>broken basalt</td><td></td><td>x</td></tr><tr><td>6</td><td>115</td><td>143</td><td>hard basalt</td><td></td><td>x</td></tr><tr><td>6</td><td>143</td><td>147</td><td>broken basalt</td><td></td><td>x</td></tr><tr><td>6</td><td>147</td><td>152</td><td>hard basalt</td><td></td><td>x</td></tr><tr><td>6</td><td>152</td><td>167</td><td>fractures</td><td></td><td>x</td></tr><tr><td>6</td><td>167</td><td>203</td><td>hard basalt</td><td></td><td>x</td></tr><tr><td>6</td><td>203</td><td>236</td><td>interbeds clay broken basalt (wood) water</td><td></td><td>x</td></tr><tr><td>6</td><td>236</td><td>247</td><td>clay & sand</td><td></td><td>x</td></tr><tr><td>6</td><td>247</td><td>253</td><td>broken basalt</td><td></td><td>x</td></tr><tr><td>6</td><td>253</td><td>297</td><td>interbeds clay broken basalt sand (wood)</td><td></td><td>x</td></tr><tr><td>6</td><td>297</td><td>305</td><td>firm basalt</td><td></td><td>x</td></tr></tbody></table>	Bore Diam.	Depth		Material	Water		From	To	Yes	No	6	0	8	clay		x	6	8	9	basalt boulders		x	6	9	23	hard red clay		x	6	23	32	gray clay		x	6	32	33	broken basalt		x	6	33	53	brown clay		x	6	53	110	basalt hard		x	6	110	115	broken basalt		x	6	115	143	hard basalt		x	6	143	147	broken basalt		x	6	147	152	hard basalt		x	6	152	167	fractures		x	6	167	203	hard basalt		x	6	203	236	interbeds clay broken basalt (wood) water		x	6	236	247	clay & sand		x	6	247	253	broken basalt		x	6	253	297	interbeds clay broken basalt sand (wood)		x	6	297	305	firm basalt		x
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4. METHOD DRILLED ☒ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Dug ☐ Other _____	10. RECEIVED JUN 2 1983 JUN 10 1983 Department of Water Resources Northern District Office Department of Water Resources Western Regional Office																																																																																																																						
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☒ Other <u>PVC</u> <table border="1" style="width:100%"><tr><th>Thickness</th><th>Diameter</th><th>From</th><th>To</th></tr><tr><td><u>.250</u> inches</td><td><u>6</u> inches</td><td><u>1</u> feet</td><td><u>5</u> feet</td></tr><tr><td><u>pvc 160</u> inches</td><td><u>4</u> inches</td><td><u>5</u> feet</td><td><u>305</u> feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ feet</td><td>_____ feet</td></tr></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%"><tr><th>Number</th><th>From</th><th>To</th></tr><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></table> Well screen installed? ☒ Yes ☐ No Manufacturer's name <u>Johnson</u> Type <u>P.V.C.</u> Model No. _____ Diameter <u>4</u> Slot size <u>8</u> Set from <u>220</u> feet to <u>225</u> feet Diameter <u>4</u> Slot size <u>10</u> Set from <u>240</u> feet to <u>245</u> feet Gravel packed? ☐ Yes ☒ No ☐ Size <u>20</u> gravel <u>265</u> Placed from <u>4</u> <u>10</u> feet to <u>289</u> <u>285</u> 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 <u>none</u>	Thickness	Diameter	From	To	<u>.250</u> inches	<u>6</u> inches	<u>1</u> feet	<u>5</u> feet	<u>pvc 160</u> inches	<u>4</u> inches	<u>5</u> feet	<u>305</u> feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ 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 _____ JUN 3 1983 Department of Water Resources Lot No. _____ Block No. _____ County <u>Kootenai</u> N $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. <u>2</u> , T. <u>49</u> N.S. R. <u>4W</u> E/W.	11. DRILLERS CERTIFICATION <u>se</u> I/We certify that all minimum well construction standards were compiled with at the time the rig was removed. Firm Name <u>Murphy Drilling Co.</u> Firm No. <u>269</u> Address <u>E. 17220 Linke Rd</u> <u>Greenacres, Wash.</u> Date <u>5/26/83</u> Signed by (Firm Official) <u>BO Murphy</u> and (Operator) <u>BO Murphy</u>																																																																																																																						

DOWNING PIN 49N04W-02-3800

