

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>Mark T. Van Horn</u> Address <u>918 Cedarblume Livingston</u> Drilling Permit No. <u>87-91-N-4</u> Water Right Permit No. _____	7. WATER LEVEL Static water level <u>289</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>55</u> °F. Quality <u>Good</u> <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>15</u></td> <td><u>285</u></td> <td><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>15</u>	<u>285</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">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><u>8</u></td> <td><u>0</u></td> <td><u>15</u></td> <td><u>CLAY</u></td> <td> </td> <td> </td> </tr> <tr> <td><u>8-1/2</u></td> <td><u>15</u></td> <td><u>20</u></td> <td><u>CLAY</u></td> <td> </td> <td> </td> </tr> <tr> <td><u>6</u></td> <td><u>20</u></td> <td><u>27</u></td> <td><u>CLAY</u></td> <td> </td> <td> </td> </tr> <tr> <td><u>6</u></td> <td><u>27</u></td> <td><u>157</u></td> <td><u>CLAY</u></td> <td> </td> <td> </td> </tr> <tr> <td><u>6</u></td> <td><u>157</u></td> <td><u>210</u></td> <td><u>SAND</u></td> <td> </td> <td> </td> </tr> <tr> <td><u>6</u></td> <td><u>210</u></td> <td><u>225</u></td> <td><u>SHALE</u></td> <td> </td> <td> </td> </tr> <tr> <td><u>6</u></td> <td><u>225</u></td> <td><u>200</u></td> <td><u>SAND</u></td> <td> </td> <td> </td> </tr> <tr> <td><u>6</u></td> <td><u>200</u></td> <td><u>315</u></td> <td><u>SHALE</u></td> <td> </td> <td> </td> </tr> <tr> <td><u>6</u></td> <td><u>315</u></td> <td><u>380</u></td> <td><u>SAND</u></td> <td> </td> <td> </td> </tr> <tr> <td><u>6</u></td> <td><u>380</u></td> <td><u>385</u></td> <td><u>CLAY</u></td> <td> </td> <td> </td> </tr> </tbody> </table>	Bore Diam.	Depth		Material	Water		From	To	Yes	No	<u>8</u>	<u>0</u>	<u>15</u>	<u>CLAY</u>			<u>8-1/2</u>	<u>15</u>	<u>20</u>	<u>CLAY</u>			<u>6</u>	<u>20</u>	<u>27</u>	<u>CLAY</u>			<u>6</u>	<u>27</u>	<u>157</u>	<u>CLAY</u>			<u>6</u>	<u>157</u>	<u>210</u>	<u>SAND</u>			<u>6</u>	<u>210</u>	<u>225</u>	<u>SHALE</u>			<u>6</u>	<u>225</u>	<u>200</u>	<u>SAND</u>			<u>6</u>	<u>200</u>	<u>315</u>	<u>SHALE</u>			<u>6</u>	<u>315</u>	<u>380</u>	<u>SAND</u>			<u>6</u>	<u>380</u>	<u>385</u>	<u>CLAY</u>		
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4. METHOD DRILLED ☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Dug ☐ Other _____	10. Work started <u>6/3/91</u> finished <u>6/6/91</u>																																																																						
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☒ Other <u>PUL</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>2</u> feet</td> <td><u>20</u> feet</td> </tr> <tr> <td><u>250</u> inches</td> <td><u>4</u> inches</td> <td><u>-4</u> feet</td> <td><u>75</u> feet</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 ☒ Gun Size of perforation <u>26</u> inches by <u>C</u> 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><u>87</u> perforations</td> <td><u>215</u> feet</td> <td><u>255</u> feet</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </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>20</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>1/2" SEAL</u>	Thickness	Diameter	From	To	<u>250</u> inches	<u>6</u> inches	<u>2</u> feet	<u>20</u> feet	<u>250</u> inches	<u>4</u> inches	<u>-4</u> feet	<u>75</u> feet									Number	From	To	<u>87</u> perforations	<u>215</u> feet	<u>255</u> feet							11. DRILLERS CERTIFICATION <u>20</u> I/We certify that all minimum well construction standards were complied with at the time the rig was removed. BURNS WELL DRILLING Firm Name <u>RT 2-EOX615</u> Firm No. <u>103</u> Address <u>GRANGEVILLE, IDAHO 83530</u> Date <u>6/24/91</u> Signed by (Firm Official) <u>B.R. Burns</u> and _____ (Operator) <u>2nd man</u>																																						
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6. LOCATION OF WELL Sketch map location <u>must</u> agree with written location. Subdivision Name <u>DEC 27 1991</u> Lot No. _____ Block No. _____ County <u>CATAH</u> N ☒ S ☐ E ☐ W ☐ NE 1/4 SE 1/4 Sec. <u>14</u>, T. <u>41</u>																																																																							