

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>E. Wright</u> Address <u>St. Marie St</u> Owner's Permit No. <u>91-89-N-3</u>	7. WATER LEVEL Static water level _____ 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>Cool</u> OF. Quality <u>Good No Smell</u> <i>Describe artesian or temperature zones below.</i>																																																				
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 _____ <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> </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																																																	
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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 rowspan="2">Water Yes No</th> </tr> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>8 3/4"</td> <td>0</td> <td>285</td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>15</td> <td>Brown Clay</td> <td>X</td> </tr> <tr> <td></td> <td>15</td> <td>18</td> <td>Soft Basalt & Clay</td> <td>X</td> </tr> <tr> <td></td> <td>18</td> <td>30</td> <td>Soft Basalt</td> <td>X</td> </tr> <tr> <td></td> <td>30</td> <td>83</td> <td>Hard Basalt</td> <td>X</td> </tr> <tr> <td></td> <td>83</td> <td>97</td> <td>Hard & Soft Brown Basalt</td> <td>X</td> </tr> <tr> <td></td> <td>97</td> <td>107</td> <td>Hard Basalt</td> <td>X</td> </tr> <tr> <td></td> <td>107</td> <td>113</td> <td>Soft Basalt</td> <td>X</td> </tr> <tr> <td></td> <td>113</td> <td>285</td> <td>Hard Basalt & Soft Strata</td> <td>X</td> </tr> </tbody> </table> <u>Water at 2.30 Feet</u>	Bore Diam.	Depth		Material	Water Yes No	From	To	8 3/4"	0	285				0	15	Brown Clay	X		15	18	Soft Basalt & Clay	X		18	30	Soft Basalt	X		30	83	Hard Basalt	X		83	97	Hard & Soft Brown Basalt	X		97	107	Hard Basalt	X		107	113	Soft Basalt	X		113	285	Hard Basalt & Soft Strata	X
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4. METHOD DRILLED ☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Dug ☐ Other _____	10. Work started <u>6-19-89</u> finished <u>6-21-89</u>																																																				
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other <u>6" 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</u> feet</td> <td><u>-19</u> feet</td> </tr> <tr> <td><u>.160</u> inches</td> <td><u>6</u> inches</td> <td><u>-19</u> feet</td> <td><u>-275</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 Size of perforation <u>1/8</u> inches by <u>3</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>100</u> perforations</td> <td><u>-175</u> feet</td> <td><u>-275</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 <u>-3/8</u> Placed from <u>20'</u> feet to <u>275'</u> 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 _____	Thickness	Diameter	From	To	<u>.250</u> inches	<u>6</u> inches	<u>1</u> feet	<u>-19</u> feet	<u>.160</u> inches	<u>6</u> inches	<u>-19</u> feet	<u>-275</u> feet									Number	From	To	<u>100</u> perforations	<u>-175</u> feet	<u>-275</u> feet							11. DRILLERS CERTIFICATION <u>de</u> I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>H2O Well Serv.</u> Firm No. <u>448</u> Address <u>582 Hayden Ave</u> Date <u>6-22-89</u> Signed by (Firm Official) <u>John Wheeler</u> and (Operator) <u>Wayne Miller</u>																				
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6. LOCATION OF WELL Sketch map location must agree with written location Subdivision No. <u>DEC-04 1991</u> Lot No. _____ Block No. _____ County <u>Boone</u> <u>N 1/4 Sec. 31, T. 47 S. R. 2 E</u>																																																					

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