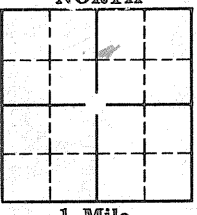


STATE OF NORTH DAKOTA
BOARD OF WATER WELL CONTRACTORS
900 E. BOULEVARD • BISMARCK, NORTH DAKOTA 58501

WELL DRILLER'S REPORT

State law requires that this report be filed with the State Board of Water Well Contractors within 30 days after completion or abandonment of the well.

1. WELL OWNER Name <u>James M^o Gregor</u> Address <u>Wataunga, S. Dak.</u>	7. WATER LEVEL Static water level <u>170'</u> feet below land surface If flowing: closed-in pressure _____ psi GPM flow _____ through _____ inch pipe Controlled by: ☐ Valve ☐ Reducers ☐ Other If other, specify _____																																																																													
2. WELL LOCATION Sketch map location must agree with written location. NORTH  1 Mile County <u>Sioux</u> <u>1/4 NW 1/4 NE 1/4</u> Sec. <u>34</u> Twp. <u>129</u> N. Rg. <u>87</u> W.	8. WELL TEST DATA ☐ Pump ☒ Bailer ☐ Other Pumping level below land surface: <u>230</u> ft. after <u>2 1/2</u> hrs. pumping <u>12</u> gpm _____ ft. after _____ hrs. pumping _____ gpm _____ ft. after _____ hrs. pumping _____ gpm																																																																													
3. PROPOSED USE ☐ Domestic ☐ Irrigation ☐ Industrial ☒ Stock ☐ Municipal ☐ Test Hole ☐ Geothermal	9. WELL LOG <table border="1"><thead><tr><th rowspan="2">Formation</th><th colspan="2">Depth (ft.)</th></tr><tr><th>From</th><th>To</th></tr></thead><tbody><tr><td>Gray clay</td><td>0</td><td>14</td></tr><tr><td>Brown clay</td><td>14</td><td>19</td></tr><tr><td>Gray clay</td><td>19</td><td>33</td></tr><tr><td>Rock</td><td>33</td><td>34</td></tr><tr><td>Brown clay</td><td>34</td><td>42</td></tr><tr><td>Coal</td><td>42</td><td>44</td></tr><tr><td>Gray clay</td><td>44</td><td>57</td></tr><tr><td>Brown clay</td><td>57</td><td>63</td></tr><tr><td>Coal</td><td>63</td><td>67</td></tr><tr><td>Gray clay</td><td>67</td><td>94</td></tr><tr><td>Rock</td><td>94</td><td>97</td></tr><tr><td>Gray clay</td><td>97</td><td>156</td></tr><tr><td>Brown clay</td><td>156</td><td>159</td></tr><tr><td>Gray Sandy clay</td><td>159</td><td>170</td></tr><tr><td>Gray clay</td><td>170</td><td>182</td></tr><tr><td>Brown clay</td><td>182</td><td>187</td></tr><tr><td>Gray clay</td><td>187</td><td>233</td></tr><tr><td>Gray sand</td><td>233</td><td>240</td></tr><tr><td>Gray clay</td><td>240</td><td>251</td></tr><tr><td>Gray Sand - w. Bearing</td><td>251</td><td>257</td></tr><tr><td>Gray clay</td><td>257</td><td>270</td></tr><tr><td>Gray Sandy clay</td><td>270</td><td>280</td></tr><tr><td>w. Bearing sand</td><td>280</td><td>304</td></tr><tr><td>Gray clay</td><td>304</td><td>310</td></tr></tbody></table>	Formation	Depth (ft.)		From	To	Gray clay	0	14	Brown clay	14	19	Gray clay	19	33	Rock	33	34	Brown clay	34	42	Coal	42	44	Gray clay	44	57	Brown clay	57	63	Coal	63	67	Gray clay	67	94	Rock	94	97	Gray clay	97	156	Brown clay	156	159	Gray Sandy clay	159	170	Gray clay	170	182	Brown clay	182	187	Gray clay	187	233	Gray sand	233	240	Gray clay	240	251	Gray Sand - w. Bearing	251	257	Gray clay	257	270	Gray Sandy clay	270	280	w. Bearing sand	280	304	Gray clay	304	310
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4. METHOD DRILLED ☒ Cable ☐ Reverse Rotary ☐ Bored ☐ Forward Rotary ☐ Jetted ☐ Other If other, specify _____																																																																														
5. WATER QUALITY Was a water sample collected for chemical analysis? ☐ Yes ☒ No If so, to what laboratory was it sent _____																																																																														
6. WELL CONSTRUCTION Diameter of hole <u>7</u> inches. Depth <u>310</u> feet. Casing: ☐ Steel ☒ Plastic ☐ Concrete ☐ Threaded ☐ Welded ☐ Other If other, specify _____ Pipe Weight: _____ Diameter: _____ From: _____ To: _____ <u>1.95</u> lb/ft. <u>4</u> inches <u>0</u> feet <u>310</u> feet _____ lb/ft. _____ inches _____ feet _____ feet _____ lb/ft. _____ inches _____ feet _____ feet _____ lb/ft. _____ inches _____ feet _____ feet Was perforated pipe used? ☒ Yes ☐ No Length of pipe perforated <u>20</u> feet Was casing left open end? ☐ Yes ☒ No Was a well screened installed? ☐ Yes ☒ No Material _____ Diameter _____ inches (stainless steel, bronze, etc.) Slot size <u>35</u> set from _____ feet to _____ feet Slot size _____ set from _____ feet to _____ feet Slot size _____ set from _____ feet to _____ feet Slot size _____ set from _____ feet to _____ feet Was a packer or seal used? ☐ Yes ☒ No If so, what material _____ Type of well: Straight screen ☐ Gravel packed ☒ Was the well grouted? Yes ☐ No ☐ To what depth? <u>30</u> feet Material used in grouting <u>Sand Cement</u> Well head completion: Pitless adapter _____ 12" above grade ☒ Other _____ If other, specify _____ Was well disinfected upon completion? ☒ Yes ☐ No	(Use separate sheet if necessary.) 10. DATE COMPLETED <u>Feb 20, 1987</u> 11. WAS WELL PLUGGED OR ABANDONED? ☐ Yes ☒ No If so, how _____ 12. REMARKS: 13. DRILLER'S CERTIFICATION This well was drilled under my jurisdiction and this report is true to the best of my knowledge. <u>M^o Gregor Drilling</u> <u>82</u> Driller's or Firm's Name Certificate No. <u>Wataunga, S. Dak.</u> Address <u>James M^o Gregor</u> Signed by Date <u>Feb 20, 1987</u>																																																																													