

RECEIVED

MAY - 9 2024

ND DEPT. OF WATER RESOURCES

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>Scott Katus</u> Address <u>Watanga SD</u>	7. WATER LEVEL Static water level <u>24</u> feet below 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. GPS _____ EL _____ <u>12908703B</u> County <u>Grant</u> 1/4 <u>1/4 NW</u> 1/4 Sec. <u>3</u> Twp. <u>129</u> N. Rg. <u>87</u> W.	8. WELL TEST DATA ☐ Pump ☐ Bailer ☐ Other Pumping level below land surface: <u>48</u> ft. after <u>2</u> hrs. pumping <u>12</u> gpm _____ ft. after _____ hrs. pumping _____ gpm _____ ft. after _____ hrs. pumping _____ gpm																																															
3. PROPOSED USE ☐ Domestic ☐ Geothermal ☐ Monitoring ☐ Stock ☐ Irrigation ☐ Industrial ☒ Municipal ☐ Test Hole	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>Top</td><td>0</td><td>1</td></tr><tr><td>Sandy yellow Till</td><td>1</td><td>6</td></tr><tr><td>yellow Till</td><td>6</td><td>13</td></tr><tr><td>Gravel</td><td>13</td><td>15</td></tr><tr><td>Yellow Till</td><td>15</td><td>17</td></tr><tr><td>Gray Clay</td><td>17</td><td>41</td></tr><tr><td>Rock ledge</td><td>41</td><td>43</td></tr><tr><td>Fine Gray Sand</td><td>43</td><td>50</td></tr><tr><td>Coarse Blue Sand</td><td>50</td><td>57</td></tr><tr><td>Rock ledge</td><td>57</td><td>59</td></tr><tr><td>Coarse Blue Sand</td><td>59</td><td>68</td></tr><tr><td>Coal</td><td>68</td><td>69</td></tr><tr><td>Coarse Blue Sand</td><td>69</td><td>80</td></tr><tr><td>Gray Clay</td><td>80</td><td>98</td></tr></tbody></table>	Formation	Depth (ft.)		From	To	Top	0	1	Sandy yellow Till	1	6	yellow Till	6	13	Gravel	13	15	Yellow Till	15	17	Gray Clay	17	41	Rock ledge	41	43	Fine Gray Sand	43	50	Coarse Blue Sand	50	57	Rock ledge	57	59	Coarse Blue Sand	59	68	Coal	68	69	Coarse Blue Sand	69	80	Gray Clay	80	98
Formation	Depth (ft.)																																															
	From	To																																														
Top	0	1																																														
Sandy yellow Till	1	6																																														
yellow Till	6	13																																														
Gravel	13	15																																														
Yellow Till	15	17																																														
Gray Clay	17	41																																														
Rock ledge	41	43																																														
Fine Gray Sand	43	50																																														
Coarse Blue Sand	50	57																																														
Rock ledge	57	59																																														
Coarse Blue Sand	59	68																																														
Coal	68	69																																														
Coarse Blue Sand	69	80																																														
Gray Clay	80	98																																														
4. METHOD DRILLED ☐ Cable ☐ Reverse Rotary ☐ Bored ☒ Forward Rotary ☐ Jetted ☐ Auger If other, specify _____																																																
5. WATER QUALITY Was a water sample collected for: Chemical Analysis? ☐ Yes ☒ No Bacteriological Analysis? ☐ Yes ☒ No If so, to what laboratory was it sent? _____																																																
6. WELL CONSTRUCTION Diameter of hole <u>7 7/8</u> inches. Depth <u>80</u> feet. Casing: ☐ Steel ☐ Plastic ☐ Concrete ☐ Threaded ☐ Welded ☐ Other If other, specify _____ Pipe Weight: _____ lb/ft Diameter: <u>4</u> inches From: <u>0</u> feet To: <u>80</u> feet <u>SD 21</u> lb/ft _____ inches _____ feet _____ feet _____ lb/ft _____ inches _____ feet _____ feet _____ lb/ft _____ inches _____ feet _____ feet Was perforated pipe used? ☒ Yes ☐ No Perforated pipe set from <u>60</u> ft. to <u>80</u> feet Was casing left open end? ☐ Yes ☒ No Was a well screen installed? ☒ Yes ☐ No Material <u>PVC</u> Diameter <u>4</u> inches Slot Size <u>1/6</u> set from <u>60</u> feet to <u>80</u> feet Slot Size _____ set from _____ feet to _____ feet Was packer or seal used? ☐ Yes ☒ No If so, what material _____ Depth _____ ft. Type of well: Straight screen ☐ Gravel packed ☒ <u>SAND</u> Depth grouted: From <u>55-50</u> to <u>30-8</u> Grouting Material: Cement _____ Other <u>BENT</u> If other, explain: <u>CHIPS</u> Well head completion: Pitless unit <u>YES</u> 12" above grade <u>YES</u> Other _____ If other, specify _____ Was pump installed? ☒ Yes ☐ No Was well disinfected upon completion? ☒ Yes ☐ No	10. DATE COMPLETED <u>12-15-23</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>EEWS, Inc.</u> <u>153</u> Driller's or Firm's Name Certificate No. <u>New Salem ND</u> Address <u>Dorcas Munk</u> <u>12-26-23</u> Signed by Date																																															