

RECEIVED

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.

OCT 31 2025

ND DEPT. OF WATER RESOURCES

1. WELL OWNER Name <u>Ryan Spence</u> Address <u>1560 98th St. NE.</u> <u>Bottineau ND 58318</u> 2. WELL LOCATION Sketch map location must agree with written location. 48 588.609 N 100 3617.766 W NORTH 1 MILE 16207527ACA Sec. (1 mile) County <u>Bottineau</u> <u>NE 1/4 SW 1/4 NE 1/4 Sec. 27 Twp. 162 N. Rg. 75 W.</u> 3. PROPOSED USE ☐ Domestic ☒ Stock ☐ Geothermal ☐ Irrigation ☐ Municipal ☐ Monitoring ☐ Industrial ☐ Test Hole 4. METHOD DRILLED ☐ Cable ☒ Forward Rotary ☐ Reverse Rotary ☐ Jetted ☐ Bored ☐ 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>8.75</u> inches. Depth <u>140</u> feet. Casing: ☐ Steel ☒ Plastic ☐ Concrete ☐ Threaded ☐ Welded ☐ Other If other, specify _____ Pipe Weight: <u>20</u> lb/ft Diameter: <u>5</u> inches From: <u>0</u> feet To: <u>98.5</u> feet ____ lb/ft _____ inches _____ feet _____ feet ____ lb/ft _____ inches _____ feet _____ feet Was perforated pipe used? ☒ Yes ☐ No Perforated pipe set from <u>98.5</u> ft. to <u>138.5</u> feet Was casing left open end? ☐ Yes ☐ No Was a well screen installed? ☐ Yes ☐ No Material _____ Diameter _____ inches Slot Size <u>16 slot</u> set from _____ feet to _____ 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 ☒ Depth grouted: From <u>70'</u> To <u>80'</u> Grouting Material: Cement <u>neat</u> Other _____ If other, explain: <u>20' up to 8' medium pellets.</u> Well head completion: Pitless unit _____ 12" above grade _____ Other <u>1.5</u> If other, specify _____ Was pump installed? ☐ Yes ☒ No Was well disinfected upon completion? ☒ Yes ☐ No	7. WATER LEVEL Static water level _____ feet below surface If flowing: closed-in pressure <u>?</u> psi GPM flow _____ through _____ inch pipe Controlled by: ☐ Valve ☐ Reducers ☒ Other If other, specify <u>Cup minute at 5' AGL</u> <u>flowing well head pitless to be installed</u> 8. WELL TEST DATA ☐ Pump ☐ Bailer ☒ Other air Pumping level below land surface: <u>57</u> ft. after <u>2</u> hrs. pumping <u>12</u> gpm ____ ft. after _____ hrs. pumping _____ gpm ____ ft. after _____ hrs. pumping _____ gpm 9. WELL LOG <table><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><u>Black overlay</u></td><td><u>0</u></td><td><u>1</u></td></tr><tr><td><u>yellow + Brown gravelly till</u></td><td><u>1</u></td><td><u>7</u></td></tr><tr><td><u>blue till</u></td><td><u>7</u></td><td><u>22</u></td></tr><tr><td><u>fine blue sharp sand</u></td><td><u>22</u></td><td><u>23</u></td></tr><tr><td><u>glacial sand, odd limestones</u></td><td><u>23</u></td><td></td></tr><tr><td><u>+ blue clay layers.</u></td><td></td><td><u>41</u></td></tr><tr><td><u>fine to coars S+G, chunks</u></td><td><u>41</u></td><td></td></tr><tr><td><u>of coal, + limestones</u></td><td></td><td><u>50</u></td></tr><tr><td><u>blue clay + glacial sand layers</u></td><td><u>50</u></td><td><u>55</u></td></tr><tr><td><u>grey till</u></td><td><u>55</u></td><td><u>91</u></td></tr><tr><td><u>brown clay + grey till</u></td><td><u>91</u></td><td><u>99</u></td></tr><tr><td><u>Sluffy unconsolidated blue ss.</u></td><td><u>99</u></td><td><u>110</u></td></tr><tr><td><u>blue green silty ss., with</u></td><td><u>110</u></td><td></td></tr><tr><td><u>layers of fine blue sand</u></td><td></td><td><u>140</u></td></tr><tr><td></td><td></td><td><u>TO</u></td></tr><tr><td></td><td></td><td><u>still in it</u></td></tr></tbody></table> (Use separate sheet if necessary) 10. DATE COMPLETED <u>10-19-25</u> 11. WAS WELL PLUGGED OR ABANDONED? ☐ Yes ☒ No If so, how _____ 12. REMARKS: <u>2" WD valve in the bottom</u> <u>of the perforations. 20-40 silica used</u> <u>for gravel pack.</u> <u>set pump at 70' at 10 gpm</u> 13. DRILLER'S CERTIFICATION This well was drilled under my jurisdiction and this report is true to the best of my knowledge. <u>Eldorado Drilling Inc.</u> <u>173</u> Driller's or Firm's Name Certificate No. <u>Box 233 Bottineau ND 58318</u> Address <u>Lane Ransom</u> <u>10-21-25</u> Signed by Date	Formation	Depth (ft.)		From	To	<u>Black overlay</u>	<u>0</u>	<u>1</u>	<u>yellow + Brown gravelly till</u>	<u>1</u>	<u>7</u>	<u>blue till</u>	<u>7</u>	<u>22</u>	<u>fine blue sharp sand</u>	<u>22</u>	<u>23</u>	<u>glacial sand, odd limestones</u>	<u>23</u>		<u>+ blue clay layers.</u>		<u>41</u>	<u>fine to coars S+G, chunks</u>	<u>41</u>		<u>of coal, + limestones</u>		<u>50</u>	<u>blue clay + glacial sand layers</u>	<u>50</u>	<u>55</u>	<u>grey till</u>	<u>55</u>	<u>91</u>	<u>brown clay + grey till</u>	<u>91</u>	<u>99</u>	<u>Sluffy unconsolidated blue ss.</u>	<u>99</u>	<u>110</u>	<u>blue green silty ss., with</u>	<u>110</u>		<u>layers of fine blue sand</u>		<u>140</u>			<u>TO</u>			<u>still in it</u>
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