

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.

RECEIVED

APR 29 2019

STATE WATER COMMISSION

1. WELL OWNER Name <u>Jane Paulson</u> Address <u>Powers Lake, N.Dak</u>	7. WATER LEVEL Static water level <u>38'</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. NORTH 1 MILE Sec. (1 mile) _____ County <u>Mountain</u> <u>NW 1/4 NW 1/4 SW 1/4 Sec. 20 Twp. 158 N. Rg. 92 W.</u>	8. WELL TEST DATA ☒ Pump ☐ Bailor ☐ Other Pumping level below land surface: <u>42</u> ft. after <u>8</u> hrs. pumping <u>17</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><u>Topsoil</u></td><td></td><td></td></tr><tr><td><u>Topsoil</u></td><td><u>0</u></td><td><u>2</u></td></tr><tr><td><u>Brown sandy clay</u></td><td><u>2</u></td><td><u>22</u></td></tr><tr><td><u>Gray Blue Clay</u></td><td><u>22</u></td><td><u>41</u></td></tr><tr><td><u>Coal</u></td><td><u>41</u></td><td><u>42</u></td></tr><tr><td><u>Gray Blue Clay</u></td><td><u>42</u></td><td><u>83</u></td></tr><tr><td><u>water sand</u></td><td><u>83</u></td><td><u>88</u></td></tr><tr><td><u>Gray Blue Clay</u></td><td><u>88</u></td><td><u>112</u></td></tr><tr><td><u>Coarse sand - Fine sand</u></td><td><u>112</u></td><td><u>123</u></td></tr><tr><td><u>Blue Clay</u></td><td><u>123</u></td><td><u>125</u></td></tr></tbody></table>	Formation	Depth (ft.)		From	To	<u>Topsoil</u>			<u>Topsoil</u>	<u>0</u>	<u>2</u>	<u>Brown sandy clay</u>	<u>2</u>	<u>22</u>	<u>Gray Blue Clay</u>	<u>22</u>	<u>41</u>	<u>Coal</u>	<u>41</u>	<u>42</u>	<u>Gray Blue Clay</u>	<u>42</u>	<u>83</u>	<u>water sand</u>	<u>83</u>	<u>88</u>	<u>Gray Blue Clay</u>	<u>88</u>	<u>112</u>	<u>Coarse sand - Fine sand</u>	<u>112</u>	<u>123</u>	<u>Blue Clay</u>	<u>123</u>	<u>125</u>
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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>8.75</u> inches. Depth <u>123</u> feet. Casing: ☐ Steel ☒ Plastic ☐ Concrete ☐ Threaded ☐ Welded ☐ Other If other, specify _____ Pipe Weight: _____ Diameter: _____ From: _____ To: _____ <u>200</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>113</u> ft. to <u>123</u> feet Was casing left open end? ☒ Yes ☐ No Was a well screen installed? ☐ Yes ☒ No Material <u>Factory Slotted</u> Diameter <u>5</u> inches Slot Size <u>.025</u> set from <u>113</u> feet to <u>123</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 ☒ Depth grouted: From <u>8'</u> To <u>40'</u> Grouting Material: Cement _____ Other <u>X</u> If other, explain: <u>Medium Bentonite</u> Well head completion: Pitless unit <u>X</u> 12" above grade _____ Other _____ If other, specify _____ Was pump installed? ☒ Yes ☐ No Was well disinfected upon completion? ☒ Yes ☐ No																																				
	10. DATE COMPLETED <u>4-4-2019</u>																																			
	11. WAS WELL PLUGGED OR ABANDONED? ☐ Yes ☒ No If so, how _____																																			
	12. REMARKS: <u>Well produces, irrigation quantity capabilities possibly into white shell eggs</u>																																			
	13. DRILLER'S CERTIFICATION This well was drilled under my jurisdiction and this report is true to the best of my knowledge. <u>Lien Well Service</u> <u>167</u> Driller's or Firm's Name Certificate No. <u>Powers Lake, N.Dak 58413</u> Address <u>Donald Lien</u> <u>4-24-2019</u> Signed by Date																																			

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.

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