

DEC 21 2018

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.

STATE WATER COMMISSION

1. WELL OWNER Name <u>Rick Mittlender</u> Address <u>Tappan N.D.</u> 2. WELL LOCATION Sketch map location must agree with written location. County <u>Kidder</u> <u>SW</u> 1/4 <u>SE</u> 1/4 <u>SE</u> 1/4 Sec. _____ Twp. _____ N.Rg. _____ W. 3. PROPOSED USE <table style="width: 100%;"> <tr> <td>☒ Domestic</td> <td>☐ Geothermal</td> <td>☐ Monitoring</td> </tr> <tr> <td>☐ Stock</td> <td>☐ Irrigation</td> <td>☐ Industrial</td> </tr> <tr> <td></td> <td>☐ Municipal</td> <td>☐ Test Hole</td> </tr> </table> 4. METHOD DRILLED <table style="width: 100%;"> <tr> <td>☐ Cable</td> <td>☐ Reverse Rotary</td> <td>☐ Bored</td> </tr> <tr> <td>☒ Forward Rotary</td> <td>☐ Jetted</td> <td>☐ Auger</td> </tr> </table> 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? <u>Coy. Decker's</u> 6. WELL CONSTRUCTION Diameter of hole <u>9 3/4</u> inches. Depth <u>187</u> feet. Casing: ☐ Steel ☒ Plastic ☐ Concrete ☐ Threaded ☐ Welded ☐ Other If other, specify _____ <table style="width: 100%;"> <thead> <tr> <th>Pipe Weight:</th> <th>Diameter:</th> <th>From:</th> <th>To:</th> </tr> </thead> <tbody> <tr> <td><u>Class 200</u> lb/ft</td> <td><u>5</u> inches</td> <td><u>1</u> feet</td> <td><u>160</u> feet</td> </tr> <tr> <td>_____ lb/ft</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ lb/ft</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> </tbody> </table> Was perforated pipe used? ☐ Yes ☐ No Perforated pipe set from _____ ft. to _____ feet Was casing left open end? ☐ Yes ☐ No Was a well screen installed? ☒ Yes ☐ No Material <u>PVC</u> Diameter _____ inches Slot Size <u>020</u> set from <u>167</u> feet to <u>187</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>10</u> To <u>30</u> Grouting Material: Cement _____ Other _____ If other, explain: _____ Well head completion: Pitless unit _____ 12" above grade _____ Other _____ If other, specify _____ Was pump installed? ☐ Yes ☐ No Was well disinfected upon completion? ☐ Yes ☐ No	☒ Domestic	☐ Geothermal	☐ Monitoring	☐ Stock	☐ Irrigation	☐ Industrial		☐ Municipal	☐ Test Hole	☐ Cable	☐ Reverse Rotary	☐ Bored	☒ Forward Rotary	☐ Jetted	☐ Auger	Pipe Weight:	Diameter:	From:	To:	<u>Class 200</u> lb/ft	<u>5</u> inches	<u>1</u> feet	<u>160</u> feet	_____ lb/ft	_____ inches	_____ feet	_____ feet	_____ lb/ft	_____ inches	_____ feet	_____ feet	7. WATER LEVEL Static water level <u>67</u> feet below surface If flowing: closed-in pressure _____ psi GPM flow _____ through _____ inch pipe Controlled by: ☐ Valve ☐ Reducers ☐ Other If other, specify _____ 8. WELL TEST DATA ☒ Pump ☐ Bailor ☐ Other Pumping level below land surface: <u>160</u> ft. after <u>3</u> hrs. pumping <u>7</u> gpm _____ ft. after _____ hrs. pumping _____ gpm _____ ft. after _____ hrs. pumping _____ gpm 9. WELL LOG <table style="width: 100%;"> <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>sandy clay brown</td> <td>10</td> <td>30</td> </tr> <tr> <td>clay - gray hard</td> <td>30</td> <td>165</td> </tr> <tr> <td>sand - gray fine silty</td> <td>165</td> <td>187</td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <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> (Use separate sheet if necessary) 10. DATE COMPLETED _____ 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>K&K Well Drilling</u> <u>81</u> Driller's or Firm's Name Certificate No. Address _____ Signed by <u>[Signature]</u> Date _____	Formation	Depth (ft.)		From	To	sandy clay brown	10	30	clay - gray hard	30	165	sand - gray fine silty	165	187																																																						
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