

SOUTH DAKOTA WATER WELL COMPLETION REPORT

2024

Location <u>NW</u> <u>1/4</u> <u>SE</u> <u>1/4</u> Sec <u>31</u> Twp <u>4N</u> Rg <u>8E</u> County <u>Meade</u> GPS Coordinates Lat: <u>44.262197</u> Lon: <u>-103.211023</u> Please mark well location with an "X" on section grid Well Completion Date <u>10/14/2024</u> Distance from nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.) <u>>150</u> ft. from <u>Anything</u> (identify source) PROPOSED USE: ☒ Domestic/Stock ☐ Municipal ☐ Business ☐ Monitoring Well ☐ Irrigation ☐ Industrial ☐ Institutional ☐ Test Hole ☐ Dewatering Well ☐ Geothermal ☐ Other _____ METHOD OF DRILLING: <u>Auger</u> CASING DATA: ☐ Steel ☒ Plastic ☐ Other If other describe _____ <table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>PIPEWEIGHT</th><th>DIAMETER</th><th>FROM</th><th>TO</th><th>HOLE DIAMETER</th></tr></thead><tbody><tr><td>LB/FT</td><td><u>16 IN</u></td><td><u>+3 FT</u></td><td><u>28 FT</u></td><td><u>24 IN</u></td></tr><tr><td>LB/FT</td><td><u>IN</u></td><td><u>FT</u></td><td><u>FT</u></td><td><u>IN</u></td></tr><tr><td>LB/FT</td><td><u>IN</u></td><td><u>FT</u></td><td><u>FT</u></td><td><u>IN</u></td></tr></tbody></table> GROUTING DATA: Grout Type <u>quick grout</u> No. of Sacks <u>4</u> Grout Weight <u>Lb/gal</u> From <u>6.0 Ft</u> To <u>14.0 Ft</u> <u>Lb/gal</u> <u>Ft</u> <u>Ft</u> Describe grouting procedure <u>Tremmied</u> SCREEN: ☒ Perforated pipe ☐ Manufactured Diameter <u>16</u> Inches Length <u>13.0</u> Feet Material _____ Slot Size <u>1/8"</u> Set From <u>16.0</u> Feet to <u>28.0</u> Feet Other information <u>Gravel Packed to 15</u> WAS A PACKER OR SEAL USED? ☒ Yes ☐ No If so, what material? <u>5 Sacks of Bentonite Chips</u> Describe packer(s) and location <u>From 14' to 15'</u> DISINFECTION: Was well disinfected upon completion? ☐ Yes, How? _____ ☒ No, Why Not? <u>Pump Not Installed</u> Lab sample sent to for water quality analysis _____	PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER	LB/FT	<u>16 IN</u>	<u>+3 FT</u>	<u>28 FT</u>	<u>24 IN</u>	LB/FT	<u>IN</u>	<u>FT</u>	<u>FT</u>	<u>IN</u>	LB/FT	<u>IN</u>	<u>FT</u>	<u>FT</u>	<u>IN</u>	Well Owner: <u>Danielle Sargent</u> Business Name: _____ Address: <u>4199 Peaceful Pines Rd.</u> City, State, Zip: <u>Rapid City, SD 57702</u> WELL LOG: <table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th rowspan="2">FORMATION</th><th colspan="2">DEPTH</th></tr><tr><th>FROM</th><th>TO</th></tr></thead><tbody><tr><td>Top Soil</td><td>0.0</td><td>1.0</td></tr><tr><td>Silty clay</td><td>1.0</td><td>9.0</td></tr><tr><td>Sand</td><td>9.0</td><td>19.0</td></tr><tr><td>Blue Shale, Some rock</td><td>19.0</td><td>27.0</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> STATIC WATER LEVEL <u>15.0</u> FEET If flowing: closed in pressure _____ PSI GPM flow _____ through _____ inch pipe Controlled by ☐ Valve ☐ Reducers ☐ Other _____ Reduced flow rate _____ GPM Can well be completely shut in? _____ WELL TEST DATA: ☒ Pumped Describe: _____ ☐ Bailed ☐ Air ☐ Other _____ Pumping Level Below Land Surface <u>27.0</u> Ft. After <u>1.0</u> Hrs. pumped <u>5.0</u> GPM <u>27.0</u> Ft. After <u>2.0</u> Hrs. pumped <u>5.0</u> GPM If pump installed, pump rate: _____ GPM REMARKS This well was drilled under license # <u>823</u> And this report is true and accurate. Drilling firm: <u>Venekamp's LLC</u> Signature of License Representative: _____ Signature of Well Owner or Equitable Property Holder: _____ Date: <u>10-17-24</u>	FORMATION	DEPTH		FROM	TO	Top Soil	0.0	1.0	Silty clay	1.0	9.0	Sand	9.0	19.0	Blue Shale, Some rock	19.0	27.0															
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Please return White Copy to DANR Water Rights 523 E. Capitol Ave., Pierre SD 57501

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OCT 31 2024

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WATER