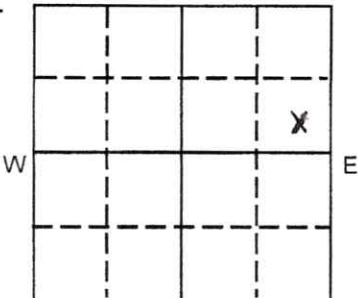


SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location <u>SE 1/4 NE 1/4</u> Sec <u>5</u> Twp <u>127N</u> Rg <u>76</u> County <u>Campbell</u> GPS Coordinates Lat: <u>45° 50' 53.43" N</u> Lon: <u>100° 03' 01.88" W</u> Please mark well location with an "X" on section grid  Well completion Date <u>11-12-2024</u> Distance from nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.) <u>75</u> ft. from <u>abandoned well</u> (Identify source)		Well Owner: <u>Raymond Brundner</u> Business Name: _____ Address: <u>P.O. Box 133</u> City, State, Zip: <u>Hermes, SD 57632</u>																														
PROPOSED USE: ☒ Domestic/Stock ☐ Municipal ☐ Business ☐ Monitoring Well ☐ Irrigation ☐ Industrial ☐ Institutional ☐ Test Hole ☐ Dewatering Well ☐ Geothermal ☐ Other _____		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>Topsoil</td><td>0</td><td>1</td></tr> <tr><td>Brown gravelly clay</td><td>1</td><td>8</td></tr> <tr><td>Medium to coarse gravel</td><td>8</td><td>24</td></tr> <tr><td>Gray goosy soft clay</td><td>24</td><td>190</td></tr> <tr><td>Cobble stones & gravel</td><td>190</td><td>191</td></tr> <tr><td>Gray soft clay to harder clay</td><td>191</td><td>208</td></tr> <tr><td>Gray fine sandy clay to hard gravel</td><td>208</td><td>216</td></tr> <tr><td>Larger rocks to shale</td><td>216 to 217</td><td>224</td></tr> </tbody> </table>		FORMATION	DEPTH		FROM	TO	Topsoil	0	1	Brown gravelly clay	1	8	Medium to coarse gravel	8	24	Gray goosy soft clay	24	190	Cobble stones & gravel	190	191	Gray soft clay to harder clay	191	208	Gray fine sandy clay to hard gravel	208	216	Larger rocks to shale	216 to 217	224
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METHOD OF DRILLING: <u>Forward Mud Rotary</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>2.91 LB/FT</td> <td>5" 50</td> <td>IN: 2' above</td> <td>FT: 224'</td> <td>8 1/2"</td> </tr> <tr> <td>LB/FT</td> <td>IN</td> <td>FT</td> <td>FT</td> <td>IN</td> </tr> <tr> <td>LB/FT</td> <td>IN</td> <td>FT</td> <td>FT</td> <td>IN</td> </tr> </tbody> </table>		PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER	2.91 LB/FT	5" 50	IN: 2' above	FT: 224'	8 1/2"	LB/FT	IN	FT	FT	IN	LB/FT	IN	FT	FT	IN	STATIC WATER LEVEL <u>67'</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? _____										
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GROUTING DATA: Grout Type <u>Bentonite</u> No. of Sacks <u>12</u> Grout Weight <u>9.5</u> Lb/gal From <u>8</u> Ft To <u>190</u> Ft <u>Grout</u> Lb/gal Ft Ft Describe grouting procedure <u>pumped in from bottom up through 1" Tremie pipe</u>		WELL TEST DATA: ☐ Pumped Describe: <u>Developed well for 2 hours</u> ☐ Bailed ☐ Air <u>OPPEON Surging Till water</u> ☒ Other <u>cleaned up.</u> Pumping Level Below Land Surface <u>220</u> Ft. After <u>2</u> Hrs. pumped <u>25-30</u> GPM _____ Ft. After _____ Hrs. pumped _____ GPM If pump installed, pump rate: _____ GPM																														
SCREEN: ☐ Perforated pipe ☒ Manufactured Diameter <u>5"</u> Inches Length <u>7'</u> Feet Material <u>PVC SDR-21 Slotted</u> Slot Size <u>.020</u> Set From <u>210</u> Feet to <u>217</u> Feet Other information <u>Gravel packed screen w/ 40 Red Flint from 190 to 220' 7' x 5" SDR-21 pipe into shale</u>		REMARKS <u>Well Located Northwest of old house about 40'</u>																														
WAS A PACKER OR SEAL USED? ☐ Yes ☒ No If so, what material? _____ Describe packer(s) and location _____		This well was drilled under license # <u>231</u> And this report is true and accurate. Drilling firm: <u>Gregg's Drilling & Excavating</u> Signature of License Representative: <u>Gregg Spivey</u> Signature of Well Owner or Equitable Property Holder: _____ Date: _____																														
DISINFECTION: Was well disinfected upon completion? <u>Chlorine solution</u> ☐ Yes, How? <u>circulated in well & grave</u> ☐ No, Why Not? <u>pack</u> Lab sample sent to for water quality analysis _____		RECEIVED APR 07 2025 OFFICE OF WATER																														

Please return White Copy to DANR Water Rights 523 E. Capitol Ave., Pierre SD 57501