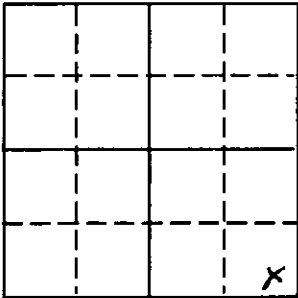


SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location <u>SE 1/4 SE 1/4</u> Sec <u>2</u> Twp <u>17</u> Rg <u>16</u> County <u>Packman</u> Please mark well location with an "X"  Well completion Date <u>9-9-24</u> Distance from nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.) <u>? 40</u> ft from <u>old well</u> (identify source)		Well Owner: <u>Lynn Martin</u> Business Name: _____ Address1: <u>19598 SD Hwy 20</u> Address2: _____ City, State, Zip: <u>Mechan SD. 57644</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><u>Sand Brown Rock at 10'</u></td> <td><u>0</u></td> <td><u>45</u></td> </tr> <tr> <td><u>Shale Gray</u></td> <td><u>45</u></td> <td><u>105</u></td> </tr> <tr> <td><u>Rock</u></td> <td><u>105</u></td> <td><u>107</u></td> </tr> <tr> <td><u>Shale Gray</u></td> <td><u>107</u></td> <td><u>190</u></td> </tr> <tr> <td><u>Sand Gray medium</u></td> <td><u>190</u></td> <td><u>232</u></td> </tr> <tr> <td><u>Shale Gray</u></td> <td><u>232</u></td> <td><u>237</u></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>		FORMATION	DEPTH		FROM	TO	<u>Sand Brown Rock at 10'</u>	<u>0</u>	<u>45</u>	<u>Shale Gray</u>	<u>45</u>	<u>105</u>	<u>Rock</u>	<u>105</u>	<u>107</u>	<u>Shale Gray</u>	<u>107</u>	<u>190</u>	<u>Sand Gray medium</u>	<u>190</u>	<u>232</u>	<u>Shale Gray</u>	<u>232</u>	<u>237</u>									
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PROPOSED USE: ☒ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes ☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well METHOD OF DRILLING: <u>Air Rotary</u>		STATIC WATER LEVEL <u>121</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? _____																																	
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><u>SPR 21 LB/FT</u></td> <td><u>5 IN</u></td> <td><u>41 FT</u></td> <td><u>204 FT</u></td> <td><u>9 3/8 IN</u></td> </tr> <tr> <td><u>SDR 21 LB/FT</u></td> <td><u>5 IN</u></td> <td><u>231 FT</u></td> <td><u>237 FT</u></td> <td><u>9 3/8 IN</u></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	<u>SPR 21 LB/FT</u>	<u>5 IN</u>	<u>41 FT</u>	<u>204 FT</u>	<u>9 3/8 IN</u>	<u>SDR 21 LB/FT</u>	<u>5 IN</u>	<u>231 FT</u>	<u>237 FT</u>	<u>9 3/8 IN</u>	LB/FT	IN	FT	FT	IN	WELL TEST DATA: ☐ Pumped Describe: <u>air lift drill pipe</u> ☐ Bailed _____ ☒ Other _____ Pumping Level Below Land Surface <u>180</u> Ft. After <u>1</u> Hrs. pumped <u>12</u> GPM _____ Ft. After _____ Hrs. pumped _____ GPM If pump installed, pump rate: _____ GPM													
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GROUTING DATA: Grout Type No. of Sacks Grout Weight From To <u>Shut well off</u> <u>16</u> <u>9.4</u> Lb/gal <u>10</u> Ft <u>190</u> Ft _____ Lb/gal _____ Ft _____ Ft Describe grouting procedure <u>pump down with turbine pump</u>		REMARKS RECEIVED JAN 06 2025 OFFICE OF WATER																																	
SCREEN: ☐ Perforated pipe ☒ Manufactured Diameter <u>5</u> Inches Length <u>27</u> Feet Material <u>PVC SDR 21</u> Slot Size <u>14</u> Set From <u>204</u> Feet to <u>231</u> Feet Other information _____		This well was drilled under license # <u>643</u> And this report is true and accurate. Drilling firm: <u>Gregory Water and Energy Inc.</u> Signature of License Representative: <u>Gregory</u> Signature of Well Owner or Equitable Property Holder: <u>Lynn Martin</u> Date: <u>9/9/24</u>																																	
WAS A PACKER OR SEAL USED? ☐ Yes ☒ No If so, what material? _____ Describe packer(s) and location _____		Disinfection: Was well disinfected upon completion? ☒ Yes, How? <u>chlorine</u> ☒ No, Why Not? <u>no sample bottles</u> Lab sample sent to for water quality analysis _____																																	

Please return White Copy to DENR Water Rights

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