

SOUTH DAKOTA WATER WELL COMPLETION REPORT

2024

Location <u>SE</u> $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$ Sec <u>24</u> Twp <u>95</u> Rg <u>54</u>		Well Owner: <u>Charles Stockland</u>																															
County <u>Yankton</u>		Business Name: _____																															
GPS Coordinates Lat: <u>43.02633</u> Lon: <u>-97.17361</u>		Address: <u>45327 299Th st</u> City, State, Zip: <u>Irene, SD 57037</u>																															
North W E		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>9.0</td></tr><tr><td>Brown Clay</td><td>9.0</td><td>27.0</td></tr><tr><td>Yellow Chalk Rock</td><td>27.0</td><td>125.0</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><tr><td> </td><td> </td><td> </td></tr></tbody></table>		FORMATION	DEPTH		FROM	TO	Top Soil	0.0	9.0	Brown Clay	9.0	27.0	Yellow Chalk Rock	27.0	125.0																
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Please mark well location with an "X" on section grid																																	
Well Completion Date <u>3/21/2025</u>																																	
Distance from nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.) <u>1000</u> ft. from <u>Feed Yard</u> (identify source)																																	
PROPOSED USE: ☒ Domestic/Stock ☐ Municipal ☐ Business ☐ Monitoring Well ☐ Irrigation ☐ Industrial ☐ Institutional ☐ Test Hole ☐ Dewatering Well ☐ Geothermal ☐ Other _____																																	
METHOD OF DRILLING: <u>Straight Rotary</u>																																	
CASING DATA: ☐ Steel ☒ Plastic ☐ Other If other describe _____																																	
PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER																													
LB/FT	<u>4.5 IN</u>	<u>0 FT</u>	<u>75 FT</u>	<u>10 IN</u>																													
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GROUTING DATA:																																	
Grout Type	No. of Sacks	Grout Weight	From	To																													
<u>Bentonite</u>	<u>15</u>	<u>Lb/gal</u>	<u>0.0 Ft</u>	<u>75.0 Ft</u>																													
Describe grouting procedure <u>Tremie</u>																																	
SCREEN: ☒ Perforated pipe ☐ Manufactured																																	
Diameter	<u>4.5</u> Inches	Length	<u>40.0</u> Feet																														
Material	<u>PVC</u>																																
Slot Size	<u>.025</u>	Set From	<u>75.0</u> Feet to	<u>115.0</u> Feet																													
Other information _____																																	
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 jug</u> ☐ No, Why Not? _____ Lab sample sent to for water quality analysis _____																																	
		STATIC WATER LEVEL <u>58.0</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: <u>Airlifted really good</u> ☐ Bailed ☒ Air ☐ Other _____ Pumping Level Below Land Surface _____ Ft. After _____ Hrs. pumped _____ GPM _____ Ft. After _____ Hrs. pumped _____ GPM If pump installed, pump rate: _____ GPM																															
		REMARKS <u>Loss circulation at 30'</u> <u>Solar pump Installed Grundfoss</u>																															
		This well was drilled under license # <u>773</u> And this report is true and accurate. Drilling firm: <u>Quality Well Service LLC</u> Signature of License Representative: Signature of Well Owner or Equitable Property Holder: _____ Date: <u>5-28-25</u>																															

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