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8848-3

OFFICE OF
WATER

SOUTH DAKOTA WATER WELL COMPLETION REPORT

2024

Location <u>1/4 NW 1/4 Sec 6 Twp 111 Rg 56W</u>		Well Owner: <u>Kingbrook Rural Water System</u>																																				
County <u>Kingsbury</u>		Business Name: _____																																				
GPS Coordinates Lat: <u>44° 27' 11.49"</u> Lon: <u>97° 36' 18.12"</u> <u>44.4532N 97.6050W</u>		Address: <u>302 East Ash St.</u>																																				
Please mark well location with an "X" on section grid		City, State, Zip: <u>Arlington, SD 57212</u>																																				
Well Completion Date <u>11/4/2025</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>2.0</td> </tr> <tr> <td>Fine, med coarse gravel with big rocks</td> <td>2.0</td> <td>20.0</td> </tr> <tr> <td>Coarse sand and fine, med cg with rocks</td> <td>20.0</td> <td>90.0</td> </tr> <tr> <td>Gray Shale</td> <td>90.0</td> <td>100.0</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	2.0	Fine, med coarse gravel with big rocks	2.0	20.0	Coarse sand and fine, med cg with rocks	20.0	90.0	Gray Shale	90.0	100.0																		
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Distance from nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.) ? Approx 1 mile ft. from <u>east of feedlot</u> (Identify source)																																						
PROPOSED USE:																																						
☐ Domestic/Stock ☒ Municipal ☐ Business ☐ Monitoring Well ☐ Irrigation ☐ Industrial ☐ Institutional ☐ Test Hole ☐ Dewatering Well ☐ Geothermal ☐ Other Well #11																																						
METHOD OF DRILLING: Reverse rotary																																						
CASING DATA: ☒ Steel ☐ Plastic ☐ Other																																						
If other describe <u>Steel 57"-73"</u>																																						
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Describe grouting procedure _____																																						
SCREEN: ☒ Perforated pipe ☐ Manufactured																																						
Diameter <u>16</u> Inches Length <u>18.0</u> Feet																																						
Material <u>Steel</u>																																						
Slot Size <u>.120</u> Set From <u>73.0</u> Feet to <u>91.0</u> Feet																																						
Other information <u>55' - 57' Dielectric Coupler</u>																																						
WAS A PACKER OR SEAL USED? ☒ Yes ☐ No																																						
If so, what material? <u>Chlorinated Glass Beads</u>																																						
Describe packer(s) and location _____																																						
DISINFECTION: Was well disinfected upon completion?																																						
☒ Yes, How? <u>Granular chlorine</u>																																						
☐ No, Why Not? _____																																						
Lab sample sent to for water quality analysis _____																																						
STATIC WATER LEVEL <u>43.0</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>65.0</u> Ft. After <u>24.0</u> Hrs. pumped <u>1,315.0</u> GPM																																						
_____ Ft. After _____ Hrs. pumped _____ GPM																																						
If pump installed, pump rate: <u>1,100.0</u> GPM																																						
REMARKS																																						
This well was drilled under license # <u>39454</u>																																						
And this report is true and accurate.																																						
Drilling firm: <u>Sargent Drilling</u>																																						
Signature of License Representative:																																						
Signature of Well Owner or Equitable Property Holder: _____																																						
Date: _____																																						

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