

SOUTH DAKOTA WATER WELL COMPLETION REPORT

2024

Location <u>NE ¼ NE ¼</u> Sec <u>24</u> Twp <u>112</u> Rg <u>51</u> County <u>BROOKINGS</u> GPS Coordinates Lat: <u>N 44 29.96</u> Lon: <u>W 96 53.3320</u> Please mark well location with an "X" on section grid Well Completion Date <u>12/2/2025</u> Distance from nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.) <u>500</u> ft. from <u>SW OF SEPTIC</u> (identify source) PROPOSED USE: ☐ Domestic/Stock ☒ Municipal ☐ Business ☐ Monitoring Well ☐ Irrigation ☐ Industrial ☐ Institutional ☐ Test Hole ☐ Dewatering Well ☐ Geothermal ☐ Other _____ METHOD OF DRILLING: MUD ROTARY CASING DATA: ☒ Steel ☐ Plastic ☐ Other If other describe <u>STEEL AND STAINLESS STEEL</u> <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>STEEL LB/FT</td><td><u>12 IN</u></td><td><u>0 FT</u></td><td><u>22 FT</u></td><td><u>18.75 IN</u></td></tr><tr><td>SS LB/FT</td><td><u>12 IN</u></td><td><u>22 FT</u></td><td><u>30 FT</u></td><td><u>18.75 IN</u></td></tr><tr><td>LB/FT</td><td>IN</td><td>FT</td><td>FT</td><td>IN</td></tr></tbody></table> GROUTING DATA: <table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>Grout Type</th><th>No. of Sacks</th><th>Grout Weight</th><th>From</th><th>To</th></tr></thead><tbody><tr><td>Bentonite</td><td><u>7</u></td><td><u>Lb/gal</u></td><td><u>0.0 Ft</u></td><td><u>23.0 Ft</u></td></tr><tr><td>3/8" BENT CHIPS</td><td><u>1</u></td><td><u>Lb/gal</u></td><td><u>23.0 Ft</u></td><td><u>25.0 Ft</u></td></tr></tbody></table> Describe grouting procedure <u>TREMMIE PIPED</u> SCREEN: ☐ Perforated pipe ☒ Manufactured Diameter <u>12</u> Inches Length <u>13.0</u> Feet Material <u>Stainless Steel</u> Slot Size <u>.120</u> Set From <u>30.0</u> Feet to <u>43.0</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>Chlorinated</u> ☐ No, Why Not? _____ Lab sample sent to for water quality analysis _____		PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER	STEEL LB/FT	<u>12 IN</u>	<u>0 FT</u>	<u>22 FT</u>	<u>18.75 IN</u>	SS LB/FT	<u>12 IN</u>	<u>22 FT</u>	<u>30 FT</u>	<u>18.75 IN</u>	LB/FT	IN	FT	FT	IN	Grout Type	No. of Sacks	Grout Weight	From	To	Bentonite	<u>7</u>	<u>Lb/gal</u>	<u>0.0 Ft</u>	<u>23.0 Ft</u>	3/8" BENT CHIPS	<u>1</u>	<u>Lb/gal</u>	<u>23.0 Ft</u>	<u>25.0 Ft</u>	Well Owner: <u>JOINT WELL FIELD, INC</u> Business Name: _____ Address: <u>47602 SD HWY 28, PO BOX 340</u> City, State, Zip: <u>TORONTO SD 57268</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><u>0.0</u></td><td><u>1.0</u></td></tr><tr><td>FINE-GRAINED SAND</td><td><u>1.0</u></td><td><u>4.0</u></td></tr><tr><td>VERY COARSE SAND AND GRAVEL</td><td><u>4.0</u></td><td><u>15.0</u></td></tr><tr><td>GRAVEL</td><td><u>15.0</u></td><td><u>20.0</u></td></tr><tr><td>VERY COARSE SAND AND GRAVEL</td><td><u>20.0</u></td><td><u>43.0</u></td></tr><tr><td>DENSE CLAY (GLACIAL TILL)</td><td><u>43.0</u></td><td><u>45.0</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> STATIC WATER LEVEL <u>9.9</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? _____ RECEIVED DEC 29 2025 OFFICE OF WATER WELL TEST DATA: ☒ Pumped Describe: _____ ☐ Bailed ☐ Air ☐ Other Pumping Level Below Land Surface <u>19.7</u> Ft. After <u>8.0</u> Hrs. pumped <u>600.0</u> GPM _____ Ft. After _____ Hrs. pumped _____ GPM If pump installed, pump rate: _____ GPM REMARKS This well was drilled under license # <u>475</u> And this report is true and accurate. Drilling firm: <u>Thein Well Company, Inc</u> Signature of License Representative: <u>Michael Thein</u> Signature of Well Owner or Equitable Property Holder: _____ Date: _____	FORMATION	DEPTH		FROM	TO	TOP SOIL	<u>0.0</u>	<u>1.0</u>	FINE-GRAINED SAND	<u>1.0</u>	<u>4.0</u>	VERY COARSE SAND AND GRAVEL	<u>4.0</u>	<u>15.0</u>	GRAVEL	<u>15.0</u>	<u>20.0</u>	VERY COARSE SAND AND GRAVEL	<u>20.0</u>	<u>43.0</u>	DENSE CLAY (GLACIAL TILL)	<u>43.0</u>	<u>45.0</u>									
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Please return White Copy to DANR Water Rights 523 E. Capitol Ave., Pierre SD 57501

Joint Well Field Well 3R 45' 12" well - Bruce SD

Legend
Feature 1

n 44 29.96 w 96 53.3320 Joint Well Field Well # 3R 45' 12" well 2025
Joint Well Field TH # R3 60'

