

SOUTH DAKOTA WATER WELL COMPLETION REPORT

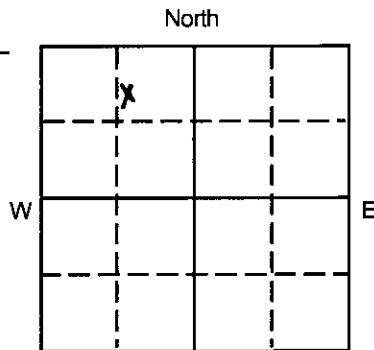
11-02

Location NE 1/4 NW 1/4 Sec 34 Twp 1N Rg 8E

County

Pennington

GPS Coordinates

Lat: 44.0078Lon: 103.1456Please mark well location
with an "X" on section grid

Well completion Date

11-5-2024

1 Mile

Distance from nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.)

? 500 ft. from Septic (Identify source)

PROPOSED USE:

- ☒ Domestic/Stock ☐ Municipal ☐ Business ☐ Monitoring Well
☐ Irrigation ☐ Industrial ☐ Institutional ☐ Test Hole
☐ Dewatering Well ☐ Geothermal ☐ Other _____

METHOD OF DRILLING: Mud RotaryCASING DATA: ☒ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>32</u> LB/FT	<u>8 5/8</u> IN	<u>0</u> FT	<u>40</u> FT	<u>12 1/4</u> IN
<u>17</u> LB/FT	<u>5 1/2</u> IN	<u>0</u> FT	<u>1520</u> FT	<u>7 7/8</u> IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Cement</u>	<u>18</u>	Lb/gal	<u>40</u> Ft	<u>0</u> Ft
<u>Cement</u>	<u>250</u>	Lb/gal	<u>1520</u> Ft	<u>10</u> Ft

Describe grouting procedure

Pressure Grouted Through casing

SCREEN:

- ☐ Perforated pipe ☐ Manufactured

Diameter _____ Inches Length _____ Feet

Material _____

Slot Size _____ Set From _____ Feet to _____ 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? Not completed
☒ No, Why Not? _____

Lab sample sent to for
water quality analysis _____Well Owner: Tim Boor / Justin Grable

Business Name: _____

Address: 4383 Lamb Rd.City, State, Zip: Rapid City SD 57703

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>Till</u>	<u>0</u>	
<u>Shale</u>		
<u>Green Horn</u>	<u>230</u>	<u>295</u>
<u>Shale</u>	<u>295</u>	<u>960</u>
<u>Newcastle</u>	<u>960</u>	<u>965</u>
<u>Shale</u>	<u>965</u>	<u>1235</u>
<u>Fall River / Inyan Kara</u>	<u>1235</u>	<u>1515</u>
<u>Morrison</u>	<u>1515</u>	<u>1550</u>

STATIC WATER LEVEL

140

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: Air☐ Bailed ☐ Air☒ Other _____

Pumping Level Below Land Surface

220 Ft. After 4 Hrs. pumped 10 GPM310 Ft. After 1 Hrs. pumped 30 GPM

If pump installed, pump rate: _____ GPM

REMARKS

Electrically Perforated.
1277-1287 } 4 shots per ft.
1490-1500

This well was drilled under license #

739

And this report is true and accurate.

Drilling firm: Rapid Drilling LLC

Signature of License Representative: _____

Signature of Well Owner or Equitable Property Holder: _____

Date: 11-8-24

RECEIVED

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

NOV 15 2024

OFFICE OF
WATER