

SOUTH DAKOTA WATER WELL COMPLETION REPORT

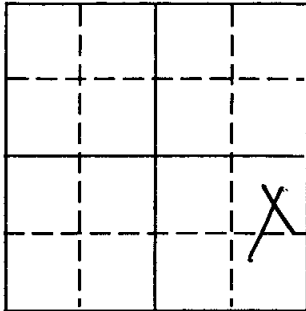
11-02

Location NE 1/4 SE 1/4 Sec 34 Twp 107 Rg 68

GPS 44.0251416

County -98.9669329 North

Buffalo



Please mark well location with an "X"

Well completion Date

12-8-17

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

? 50 ft. from plugged bored well (Identify source)

PROPOSED USE:

☒ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

Forward Rotary

CASING DATA: ☐ Steel ☐ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>200 LB/FT</u>	<u>5 IN</u>	<u>0 FT</u>	<u>30 FT</u>	<u>8 3/4 IN</u>
<u>250 LB/FT</u>	<u>5 IN</u>	<u>30 FT</u>	<u>50 FT</u>	<u>8 3/4 IN</u>
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type Cement No. of Sacks 3 Grout Weight Lb/gal From 2.5 Ft To 5 Ft
Lb/gal Ft Ft

Describe grouting procedure Line to top of pea rock

SCREEN:

☐ Perforated pipe ☒ Manufactured
Diameter 5 Inches Length 20 Feet
Material plastic
Slot Size 025 Set From 30 Feet to 50 Feet
Other information

WAS A PACKER OR SEAL USED?

☒ Yes ☐ No

If so, what material? pea rock

Describe packer(s) and location

DISINFECTION: Was well disinfected upon completion?

☒ Yes, How? Clonine

☐ No, Why Not?

Lab sample sent to for water quality analysis

Pierre

Please return WHITE COPY to: DENR Water Rights

Well Owner: Wayne Willman

Business Name: ~~Wayne Willman~~

Address: PO Box 105

City, State, Zip: Grannville, SD 57341

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>black</u>	<u>0</u>	<u>2</u>
<u>sand</u>	<u>2</u>	<u>50</u>
<u>blue clay</u>	<u>50</u>	<u>53</u>
<u>sand</u>	<u>53</u>	<u>55</u>
<u>"Very good" sand from 30-35. All good sand from 20 feet on</u>		

STATIC WATER LEVEL

18 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

☐ Other

Pumping Level Below Land Surface

45 Ft. After 2 Hrs. pumped 100+ GPM

25 Ft. After 1 Hrs. pumped 20 GPM

If pump installed, pump rate: GPM

REMARKS

had to use 12 Crow Creek AM bags of bentonite + a polymer. Reamed to 55 to set casing at 50.

This well was drilled under license # 73

And this report is true and accurate.

Drilling firm: Cain Well Drilling

Signature of License Representative:

Gerald Cain

Signature of Well Owner or Equitable Property Holder:

Wayne Willman

Date: 12-8-17

523 E Capitol Ave.

Pierre SD 57501