

SOUTH DAKOTA WATER WELL COMPLETION REPORT

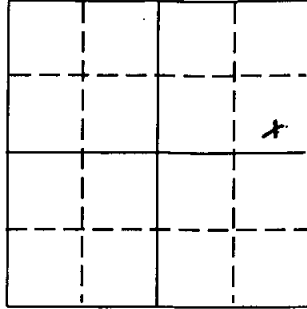
11-02

Location SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec 35 Twp 19 Rg 3

County

Harding

North

Please mark well
location with an "X"

Well completion Date

8-24-18

1 Mile

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

? 500 ft. from Canals (identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

CASING DATA:

- ☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
SDR 21 LB/FT	5 IN	11 FT	128 FT	9 3/8 IN
SDR 21 LB/FT	5 IN	178 FT	185 FT	9 3/8 IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
Grout/Well	8	9.4 Lb/gal	20 Ft	100 Ft
Concrete	6 gals	12.5 Lb/gal	0 Ft	20 Ft

Describe grouting procedure pump down with tannin pipe

SCREEN:

- ☐ Perforated pipe ☒ Manufactured

Diameter 5 Inches Length 50 FeetMaterial PVC SDR 21Slot Size 16 Set From 128 Feet to 178 FeetOther information Sand packed

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? Chlorine

- ☐ No, Why Not?

Lab sample sent to for
water quality analysisS.D. StateWell Owner: Tom Wilson

Business Name:

Address1: 11637 S.D. Highway 20

Address2:

City, State, Zip: Buffalo SD 57720

WELL LOG:

DEPTH

FORMATION	FROM	TO
<u>Sand Brown</u>	<u>0</u>	<u>104</u>
<u>Clay Gray</u>	<u>104</u>	<u>106</u>
<u>Sand Gray</u>	<u>106</u>	<u>115</u>
<u>Shale Gray</u>	<u>115</u>	<u>127</u>
<u>Sand Gray fine</u>	<u>127</u>	<u>133</u>
<u>Sand Gray medium</u>	<u>133</u>	<u>179</u>
<u>Shale Gray</u>	<u>179</u>	<u>185</u>

STATIC WATER LEVEL

94

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 lift with drill pipe☐ Bailed☒ Other

Pumping Level Below Land Surface

160 Ft. After 1 1/2 Hrs. pumped 15 GPM

Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate:

15 GPM

REMARKS

This well was drilled under license # 643

And this report is true and accurate.

Drilling firm: Gregory Water and Energy INC

Signature of License Representative:

Gregory

Signature of Well Owner or Equitable Property Holder:

Tom WilsonDate: 9-23-18

RECEIVED

JAN 28 2019

Please return WHITE COPY to: DENR Water Rights, 523 E. Capitol Ave., Pierre SD 57501

WATER RIGHTS
PROGRAM