

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location NE 1/4 NW 1/4 Sec 16 Twp 6N Rg 2County
Lawrence

North

Please mark well
location with an "X"

W

E

Well Completion Date

Sept 20 2015

1 Mile

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

150 ft from drainfield (identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

CASING DATA:

If other describe

PIPEWEIGHT DIAMETER FROM TO HOLE DIAMETER

200 LB/FT 5 IN Top FT 360 FT 1 1/2 IN

LB/FT IN 360 FT 498 FT 4 1/4 IN

LB/FT IN FT FT IN

GROUTING DATA:

Grout Type No. of Sacks Grout Weight From To

Portland 60 Lb/gal Top FT 360 FT

Lb/gal FT FT FT

Describe grouting procedure

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? Chlorine
☐ No, Why Not?
Lab sample sent to for
water quality analysis

10 Power To lot

NO Pump

Well Owner: Pearl O'Daniel

Business Name:

Address: 1425 Hill StreetCity, State, Zip: Spearfish SD 57783

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>TOP</u>	<u>0</u>	<u>12</u>
<u>MINNEKAHTA Limestone</u>	<u>12</u>	<u>42</u>
<u>Opeone</u>	<u>42</u>	<u>140</u>
<u>MINNECUSA Sand + lime</u>	<u>140</u>	<u>160</u>
<u>Yellow very soft sand</u>	<u>160</u>	<u>185</u>
<u>Pink-red sand</u>	<u>185</u>	<u>355</u>
<u>Pink limestone-sand</u>	<u>355</u>	<u>498</u>

STATIC WATER LEVEL 240 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
☐ Other

Pumping Level Below Land Surface

320 R. After 2 Hrs. pumped 20 GPM

R. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: _____ GPM

REMARKS

Very soft sand 160-185

lost circulation

MINNECUSAThis well was drilled under license # 93

And this report is true and accurate.

Drilling firm: ELLINGSON Drilling

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

RECEIVED

FEB 10 2016

Date: OCT 10 - 2015WATER RIGHTS
PROGRAM