

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location $\frac{1}{4}$ SE $\frac{1}{4}$ Sec 18 Twp 21N Rg 17

County North

Pierce

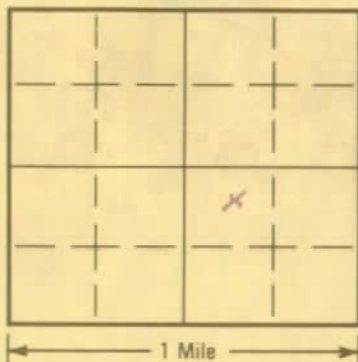
Please mark well location with an "X"

W

E

Well Completion Date

9-2-02



LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 800 ft. from abandoned 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
2 1/2" LB/FT	8" IN	0 FT	30 FT	8 1/2" IN
2 1/2" LB/FT	6" IN	0 FT	70 FT	6 1/2" IN
2 1/2" LB/FT	4" IN	0 FT	213 FT	5 1/2" IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
Wet Mix	1 1/2	1 lb./gal	90 ft	90 ft
Cement	1	1 lb./gal	30 ft	0 ft

Describe grouting procedure: Cement/Cement grout pump

Then pump from bottom of casing

SCREEN: ☐ Perforated pipe ☒ Manufactured

Diameter 4" IN Length 50 FEET

Material: P. Laster

Slot Size 25 Set From 163 Feet to 213 Feet

Other information: Silica sand 213' to 90'

WAS A PACKER OR SEAL USED? ☒ YES ☐ NO

If so, what material? natural material

Describe packer(s) and location? 123' - 90'

DISINFECTION: Was well disinfected upon completion?

X YES, How:

2 gal Whit

NO, Why Not?

Laboratory sent to for water quality analysis

Pierce, S. D.

Well Owner: Wayne Moser

Business Name:

Address: 3044 12th and 50th

Minneapolis, MN 55407

WELL LOG:

DEPTH

FORMATION	FROM	TO
Gravel	0	9
Brown sand	9	25
Gray shale	25	30
Brown sand	30	40
small gravel	40	43
Brown sand	43	60
Gray shale	60	163
rock	163	164
water sand	164	210
gray shale	210	213

STATIC WATER LEVEL 90 Feet

If flowing: closed in pressure PSI

GPM flow through inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

Reduced Flowrate GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe: Well Sub.☐ Bailed☐ Other

Pumping Level Below Land Surface

ft. After 24 Hrs. pumped 15 GPM

ft. After Hrs. pumped GPM

If pump installed, pump rate 10 GPM

REMARKS: The well was drilled on hill in w/o no water

RECEIVED

JAN 31 2003

WATER RIGHTS PROGRAM

This well was drilled under license # 353

And this report is true and accurate.

Drilling firm: Tallman Well Drilling

Signature of License Representative:

George Tallman

Signature of Well Owner or Equitable Property Holder:

x Wayne Moser

Date: 12-30-02

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

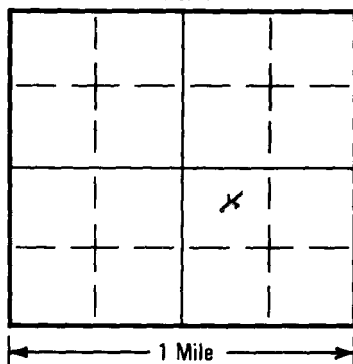
Location 1/4 SE 1/4 Sec 18 Twp 21N Rg 17
County Pierre North

Please mark well location with an "X"

W

E

Well Completion Date

9-2-02

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 800 ft. from abandoned well (identify source).

PROPOSED USE:

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

METHOD OF DRILLING:

Forward RotaryCASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>5</u> LB/FT	<u>5</u> IN	<u>0</u> FT	<u>30</u> FT	<u>8 1/2</u> IN
<u>6</u> LB/FT	<u>6</u> IN	<u>0</u> FT	<u>70</u> FT	<u>6 1/2</u> IN
<u>200</u> LB/FT	<u>4</u> IN	<u>0</u> FT	<u>213</u> FT	<u>5 3/4</u> IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Wye River</u>	<u>145</u>	<u>7</u> lb./gal	<u>30</u> ft	<u>30</u> ft
<u>Carroll</u>	<u>11</u>	<u>7</u> lb./gal	<u>30</u> ft	<u>2</u> ft

Describe grouting procedure Wye River cement pumpthen pump from bottom upSCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 4 IN Length 50 FEETMaterial P. waterSlot Size 25 Set From 163 Feet to 213 FeetOther information Silica sand 213' to 90'WAS A PACKER OR SEAL USED? ☒ YES ☐ NOIf so, what material? natural materialDescribe packer(s) and location? 123' - 90'

DISINFECTION: Was well disinfected upon completion?

☒ YES, How:2 gal W. Ret.☐ NO, Why Not?

Laboratory sent to for water quality analysis

Pierre, S. DakWell Owner: Wayne Moser

Business Name: _____

Address: 3044 12th and SouthMinneapolis, MN 55407

WELL LOG:

DEPTH

FORMATION	FROM	TO
<u>Gravel</u>	<u>0</u>	<u>9</u>
<u>Brown sand</u>	<u>9</u>	<u>25</u>
<u>Gray shale</u>	<u>25</u>	<u>30</u>
<u>Brown sand</u>	<u>30</u>	<u>40</u>
<u>Gravel</u>	<u>40</u>	<u>43</u>
<u>Brown sand</u>	<u>43</u>	<u>60</u>
<u>Gray shale</u>	<u>60</u>	<u>163</u>
<u>Gravel</u>	<u>163</u>	<u>164</u>
<u>water sand</u>	<u>164</u>	<u>210</u>
<u>Gravel</u>	<u>210</u>	<u>213</u>

STATIC WATER LEVEL 90 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☒ PumpedDescribe: well sub.☐ Bailed☐ Other

Pumping Level Below Land Surface

7 ft. After 24 Hrs. pumped 15 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate 10 GPMREMARKS The well was drilled on
well in way no water

RECEIVED

JAN 31 2003

This well was drilled under license # 353

WATER RIGHTS PROGRAM

And this report is true and accurate.

Drilling firm: Edwards Well Drilling

Signature of License Representative:

Edward Edwards

Signature of Well Owner or Equitable Property Holder:

x Wayne MoserDate: 12-30-02