

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SE 1/4 S4 1/2 Sec 12 Twp 6N Rg 2ECounty Lawrence North

Please mark well location with an "X"

W

E

Well-Completion Date

11-05-08

1 Mile

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 180 ft. from proposed field drain (identify source).

PROPOSED USE:

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

METHOD OF DRILLING:

Cable ToolCASING DATA: ☒ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>29</u> LB/FT	<u>7"</u> IN	<u>+3</u> FT	<u>20</u> FT	<u>10" DRUM</u>
<u>200</u> LB/FT	<u>4.5</u> IN	<u>+2</u> FT	<u>70</u> FT	<u>6 1/2</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Portland</u>	<u>6</u>	<u>18</u> lb./gal	<u>6</u> ft	<u>40</u> ft
<u>Volclay</u>	<u>2</u>	<u>11</u> lb./gal	<u>+2</u> ft	<u>6</u> ft

Describe grouting procedure TremiSCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 4.5 IN Length 2.5 FEETMaterial PVCSlot Size .015 Set From 45 Feet to 20 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:HTH

____ NO, Why Not? _____

Laboratory sent to for water quality analysis

Well Owner: Dave + Katie Menkel

Business Name: _____

Address: 308 13th ST WMOBRIDGE SD 57601

WELL LOG:

DEPTH

FORMATION	FROM	TO
<u>Boulders</u>	<u>0</u>	<u>7</u>
<u>gravel</u>	<u>7</u>	<u>9</u>
<u>Shale + ss conglomerate</u>	<u>9</u>	<u>28</u>
<u>Hard Black slate</u>	<u>18</u>	<u>45</u>
<u>BROKEN</u>	<u>45</u>	<u>46</u>
<u>slate + Dolomite</u>	<u>46</u>	<u>63</u>
<u>BROKEN slate</u>	<u>63</u>	<u>70</u>

STATIC WATER LEVEL +3 FeetIf flowing: closed in pressure 6 PSIGPM flow .5 through 3/4 inch pipeControlled by ☒ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? yes

WELL TEST DATA:

☐ PumpedDescribe: Hold 16FT☒ Bailedwater at 14gpm☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

screen packed with 12-20 silica 40 - 70 FT,This well was drilled under license # 492

And this report is true and accurate.

Drilling firm Lewis Drilling

Signature of License Representative:

Dwaine Lewis

Signature of Well Owner or Equitable Property Holder:

NOV 12 2008

Date:

WATER RIGHTS PROGRAM

11-12-08