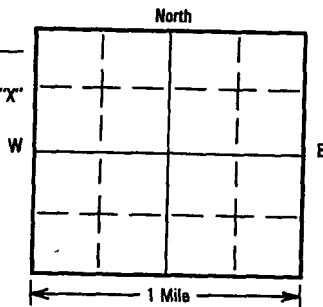


SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location 1/4 NW 1/4 Sec 21 Twp 21 Rg 17County Piedmont

Please mark well location with an "X"

Well Completion Date Oct 12-00

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 1000 ft. from East Pioneer Road (identify source).

PROPOSED USE:

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

METHOD OF DRILLING:

Forcing Water

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>250 LB/FT</u>	<u>4 1/2 IN</u>	<u>0 FT</u>	<u>200 FT</u>	<u>7 1/8 IN</u>
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Water</u>	<u>6 1/2</u>	<u>7 lb./gal</u>	<u>100 ft</u>	<u>25 ft</u>
<u>Concrete</u>	<u>H</u>	<u>7 lb./gal</u>	<u>25 ft</u>	<u>0 ft</u>

Describe grouting procedure thrust + cement pumped
thru pipe from bottom up.SCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 4 1/2 IN Length 40 FEETMaterial P. RockSlot Size 25 Set From 160 Feet to 200 FeetOther information gravel pack from 200'
110'WAS A PACKER OR SEAL USED? ☒ YES ☐ NOIf so, what material? Marine Waterinst ChlorDescribe packer(s) and location? 110'-100'

DISINFECTION:

Was well disinfected upon completion? ☒ YES, How: 3 gal.

____ NO, Why Not?

Laboratory sent to for water quality analysis Piedmont S. D.Well Owner: Cleo Penfield

Business Name: _____

Address: 17901 70th St Rd.
Piedmont, S.D. 57638

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>gravel</u>	<u>0</u>	<u>4</u>
<u>Brown sand</u>	<u>4</u>	<u>28</u>
<u>Red shale</u>	<u>28</u>	<u>55</u>
<u>Green shale</u>	<u>55</u>	<u>60</u>
<u>Sandy shale</u>	<u>60</u>	<u>70</u>
<u>Hard</u>	<u>70</u>	<u>71</u>
<u>Red shale</u>	<u>71</u>	<u>120</u>
<u>Hard</u>	<u>120</u>	<u>121</u>
<u>Red shale</u>	<u>121</u>	<u>160</u>
<u>Hard</u>	<u>160</u>	<u>162</u>
<u>Water sand</u>	<u>162</u>	<u>195</u>
<u>Sandy shale</u>	<u>195</u>	<u>200</u>

STATIC WATER LEVEL 135 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? 1

WELL TEST DATA:

☒ Pumped Describe: With Sub.☐ Bailed _____☐ Other _____

Pumping Level Below Land Surface

170 ft. After 4 Hrs. pumped 6 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

on a slope S.W. of home,
 the well isn't in use yet
 we'll send in the water when
 it get in use.
 Couldn't get Cleo to sign
 the log, No on vacation.

This well was drilled under license # 353

And this report is true and accurate.

Drilling firm Ellen Well Drilling

Signature of License Representative:

Larry Ellen

Signature of Well Owner or Equitable Property Holder:

Nov 2 1900