

SOUTH DAKOTA WATER WELL COMPLETION REPORT

10-85

Location $\frac{1}{4}$ SW $\frac{1}{4}$ Sec 12 Twp 21 Rg 20County
Corson

North

W

E

1 mile

Please mark well
location with
an "X"Well Completion Date Aug 11, 1989

PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Test Holes
☐ Irrigation ☐ Industrial ☒ Stock

Method of Drilling:

Cable

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>1.85</u> LB/FT	<u>4</u> IN	<u>3</u> FT	<u>165</u> FT	<u>6 1/2</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUT:

Was the well grouted? ☒ YES ☐ NOTo what depth? 40' FEETWhat is grouting material? CementIf cement, number of sacks? 6Describe grouting procedure mix Cement with water
to Liquid FormWhat was grout weight? 14.9 LB/GALSCREEN: ☒ Perforated pipe ☒ ManufacturedDiameter 4 IN Length 40 FEETMaterial PlasticSlot Size 32 Set From 125 Feet To 165 Feet

Slot Size _____ Set From _____ Feet To _____ Feet

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? Gravel Pack to
40' of surface.Was well disinfected upon completion? ☐ YES ☒ NO

Explain _____

Bacteriological analysis ☐ YES ☐ NO

Laboratory sent to _____

Well Owner:

Name Willow Lodge Trading Assoc.Address m^cIntosh, S. Dak.

Well Log:

Depth

Formation

From

To

<u>Top Soil</u>	<u>0</u>	<u>1</u>
<u>Gray clay</u>	<u>1</u>	<u>4</u>
<u>Light Brown Sand</u>	<u>4</u>	<u>43</u>
<u>Gray Sand</u>	<u>43</u>	<u>45</u>
<u>Brown clay</u>	<u>45</u>	<u>46</u>
<u>Gray clay</u>	<u>46</u>	<u>62</u>
<u>Brown clay</u>	<u>62</u>	<u>65</u>
<u>Gray clay</u>	<u>65</u>	<u>70</u>
<u>Brown clay</u>	<u>70</u>	<u>72</u>
<u>Gray clay</u>	<u>72</u>	<u>81</u>
<u>Gray Sand W.B.</u>	<u>81</u>	<u>114</u>
<u>Gray clay</u>	<u>114</u>	<u>139</u>
<u>Gray Sand W.B.</u>	<u>139</u>	<u>150</u>
<u>Gray clay - Rock 165</u>	<u>150</u>	<u>165</u>

STATIC WATER LEVEL 70 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut in? _____

WELL TEST DATA:

☒ Pumped☐ Bailed

Describe: _____

☐ Other

Pumping Level Below Land Surface

140 ft. After 2 1/2 Hrs. pumped 9 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

REMARKS:

This well was drilled under license # 474

And this report is true and accurate.

Drilling firm Dons Drilling & Repair

Signature of License Representative:

Donald A. Lieber

Signature of Well Owner:

Date Aug 14, 1989

8-22-89