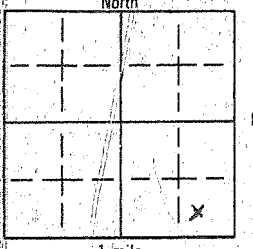
SOUTH DAKOTA WATER WELL COMPLETION REPORT

10-85

Location SW ¼ NE ¼ Sec 25 Twp 99 Rg 56

County Hutchinson

Please mark well location with an "X"



Well Completion Date _____

PROPOSED USE:
☐ Domestic ☐ Municipal ☐ Test Holes
☐ Irrigation ☐ Industrial ☑ Stock

Method of Drilling: Mud Rotary

CASING DATA:
☐ Steel ☑ Plastic ☐ Other
If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
Sch 40 LB/FT	5 IN	0 FT	212 FT	9 7/8 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 ☐ NO
To what depth? 212 FEET
What is grouting material? Portland cement
If cement, number of sacks? 18
Describe grouting procedure Pressure grout through pipe
What was grout weight? 13 LB/GAL

SCREEN: ☐ Perforated pipe ☐ Manufactured
Diameter _____ IN Length _____ FEET
Material _____
Slot Size _____ Set From _____ Feet To _____ 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? Cement Basket steel rubber
Describe packer(s) and location? 214

Was well disinfected upon completion? ☑ YES ☐ NO
Explain 48 Hrs 200 ppm Chlorine
Bacteriological analysis ☐ YES ☐ NO
Laboratory sent to A.T.C. Labs Sioux Falls

Well Owner:
Name Homer E. Matthews
Address Rt 2 Freeman S.D. 57029

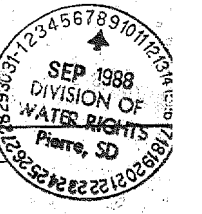
Well Log: Depth 214

Formation	From	To
Top soil	0	2
yellow clay	2	43
Blue clay	43	54
gravel	54	66
Blue clay	66	161
sand	161	170
Blue clay	170	208
sand	208	214
chalk	214	258

STATIC WATER LEVEL 136 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: Sub pump
☐ Other
Pumping Level Below Land Surface
140 ft. After 24 Hrs. pumped 15 GPM
_____ ft. After _____ Hrs. pumped _____ GPM
_____ ft. After _____ Hrs. pumped _____ GPM

REMARKS:
chalk well fractured
large fractures 245-255



This well was drilled under license # 123
And this report is true and accurate.
Drilling firm Sia Drilling
Signature of License Representative: Sia Drilling
Signature of Well Owner: Homer E. Matthews
Date 9/22/88

10-3-88