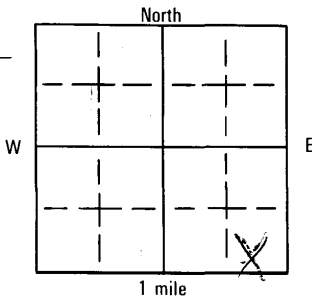


SOUTH DAKOTA WATER WELL COMPLETION REPORT

10-85

Location SE 1/4 Sec 22 Twp 23 Rg 16County Perkins

Please mark well location with an "X"

Well Completion Date 7/31/90

PROPOSED USE:

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

Method of Drilling:

rotary

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	<u>4 1/2</u> IN	<u>718</u> FT	<u>400</u> FT	<u>8</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	<u>6</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUT:

Was the well grouted? ☒ YES ☐ NOTo what depth? 20 FEETWhat is grouting material? cementIf cement, number of sacks? 2Describe grouting procedure pumped from 20' upWhat was grout weight? 24 LB/GALSCREEN: ☒ Perforated pipe ☐ ManufacturedDiameter 4 1/2 IN Length _____ FEETMaterial plasticSlot Size 3/8 Set From 380 Feet To 400 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 Rubber

If so, what material? _____

Describe packer(s) and location? formation Packer
cement on top 300'Was well disinfected upon completion? ☒ YES ☐ NO

Explain _____

Bacteriological analysis ☒ YES ☐ NOLaboratory sent to SD State Health Dept.

Well Owner:

Name Mardale HoffmanAddress Lemmon

Well Log:

Depth

Formation	From	To
Top Soil Sand	0	16
Brn shale	10	46
gray shale	40	50
rock	50	52
gray shale trace sand	52	67
shale	67	115
sand+shale	115	155
rock	155	157
sandy shale	157	210
sand trace shale	210	220
sand layers	220	230
sand shale	230	245
shale	245	255
coal	255	256

STATIC WATER LEVEL 250 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☐ BailedDescribe: air lift☒ Other

Pumping Level Below Land Surface

320 ft. After 3 Hrs. pumped 15 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

REMARKS:

COPY BACK
100.This well was drilled under license # 72

And this report is true and accurate.

Drilling firm Man Drilling

Signature of License Representative:

Bary Man

Signature of Well Owner:

Mardale HoffmanDate 8/20/90

256- 265	Shale
265 270	Sand
270 - 300	Shale
300- 345	Sandy Shale
345- 365	Shale
365- 367	rock
367- 400	Sand