SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NW ¼ NW ¼ Sec 2 Twp 16N Rg 22E

County Dewey

Please mark well location with an "X"

North

W E

1 Mile

Well Completion Date 11-1-98

LOCATION:
Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 25 ft. from old well (identify source).

PROPOSED USE:
☑ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:
Mud Rotary

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

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
2.91 LB/FT	5" IN	1 above FT	204' FT	8" IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
Neat Cement	4	12.00 lb./gal	8 ft.	30' ft.
Bentonite grout	9	9.5 lb./gal	30 ft.	150' ft.

Describe grouting procedure Pumped in from bottom up through tremie pipe.

SCREEN: ☐ Perforated pipe ☑ Manufactured
Diameter 5" IN Length 20' FEET
Material PVC SDR 21 Slotted pipe
Slot Size .225 Set From 184' Feet to 204' Feet
Other information Gravel packed well with Buckshot from 150 to 204'
Bottom open end on to clay

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: Chlorine solution circulated in well
NO, Why Not?

Laboratory sent to for water quality analysis

Well Owner: Louis Mayer
Business Name:
Address: Isabel, S. Dak.

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Topsoil	0	1
Brown gumbo clay & rocks	1	4
Light brown-yellow clay	4	28
Gray light clay	28	45
Light-gray sandy clay	45	52
Brown-light-gray-green clay	52	105
Soft sandstone	105	108
Gray clay	108	178
Blue-green sand & sandy clay	178	200
Blue gray sandy clay to clay	200	204

STATIC WATER LEVEL 90' 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?

WELL TEST DATA:
☐ Pumped ☐ Bailed ☑ Other
Describe: Developed well by air lift off & on till water was clear.
Pumping Level Below Land Surface
200' ft. After 2½ Hrs. pumped 13 to 15 GPM
ft. After Hrs. pumped GPM
If pump installed, pump rate GPM

REMARKS Well will be used for livestock watering

JAN 1999 WATER RIGHTS PROGRAM PIERRE SD

This well was drilled under license # 231
And this report is true and accurate.
Drilling firm Aberle Well Service
Signature of License Representative: Gregg Gruewski
Signature of Well Owner or Equitable Property Holder:

Date: