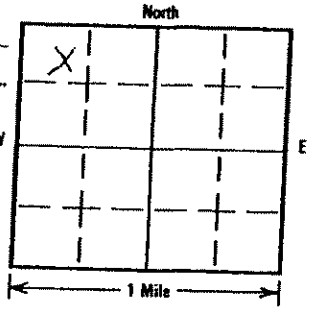
SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SW ¼ NE ¼ Sec 34 Twp 6N Rg 4E

County: Lawrence

Please mark well location with an "X"



Well Completion Date: 3-9-01

Well Owner: JORGE H. & SHIRLEY M. JOHNSON

Business Name: —

Address: 20492 CROOK MTN. ROAD
WHITEWOOD, S.D. 57793

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Limestone	0	10
gravel	10	20
opeene	20	170
Minnelusa - top	170	200
Red sandy clay	200	210
yellow sandy clay	210	300
Red clay	300	430
gray yellow sand white clay	430	620
yellow white sand	620	640
Red gray clay	640	680
yellow white sand - limestone	680	800

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

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

METHOD OF DRILLING: Rotary

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

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
23 LB/FT	8 5/8 IN	0 FT	20 FT	12 1/4 IN
15.50 LB/FT	5 1/2 IN	0 FT	720 FT	7 7/8 IN
open LB/FT hole	IN	720 FT	800 FT	4 3/4 IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
1-2	100	lb./gal	0 ft.	680 ft.
		lb./gal	ft.	ft.

Describe grouting procedure: Croell Redi-Mix
6 gal. water to 1 sk. cement
Spearfish plant

SCREEN: ☐ Perforated pipe ☐ Manufactured
Diameter _____ IN Length _____ FEET
Material _____
Slot Size _____ Set From _____ Feet to _____ Feet
Other information: open hole 680' - 800'
4 3/4"

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: 1 gal chlorine 1 cup chlorine tablets
_____ NO, Why Not? _____

Laboratory sent to for water quality analysis _____

STATIC WATER LEVEL 580 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: 5 hp Grundfos 16 gal p.m. pump @ 720'

Pumping Level Below Land Surface
720 ft. After 1 Hrs. pumped 20 GPM
_____ ft. After _____ Hrs. pumped _____ GPM
If pump installed, pump rate 16 g/pm 5 HP 3 phase GPM

REMARKS Air for 3 hrs. @ 700'
approx. 30 g.p.m.

This well was drilled under license # 327
And this report is true and accurate.
Drilling firm: Graf Drilling
Signature of License Representative: Joe W. Graf
Signature of Well Owner or Equitable Property Holder: Jorge H. Johnson
Date: March 9, 2001

AUG 2001 WATER RIGHTS PROGRAM Pierre, SD