

PW 2

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SW 1/4 SW 1/4 Sec 15 Twp 121 N Rg 47 W

County

Grant

North

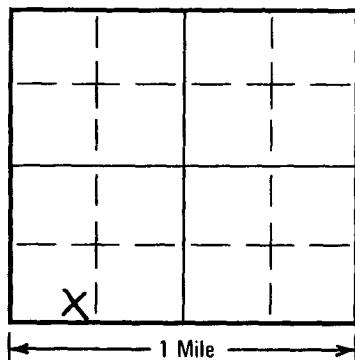
Please mark well location with an "X"

W

E

Well Completion Date

11/24/07



LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? N/A ft. from (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
49.56 LB/FT	12 IN	+ 2 FT	143 FT	18 3/4 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	100	_____ lb./gal	0 ft	105 ft
_____	_____	_____ lb./gal	_____ ft	_____ ft

Describe grouting procedure Pressure grouted from 105 To ground level

SCREEN: ☐ Perforated pipe ☒ Manufactured

Diameter 10" pipe size IN Length 35 FEET

Material 304 stainless steel

Slot Size 40 Set From 143 Feet to 178 Feet

Other information 12" x 10" Concentric weld

Reducer to connect pipe to screen

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: _____

Laboratory sent to for water quality analysis

X NO, Why Not? it was
 going to be immediately
 test pumped then disinfected

Well Owner: Otter Tail Power Company

Business Name: Otter Tail Power Company

Address: 50 Barr Engineering Co.

4700 W 77th St. Minneapolis MN 55435

WELL LOG:

DEPTH

FORMATION		FROM	TO
clay	Reddish Brown	0	26
clay	Gray	26	90
Sand	Gray	90	180

RECEIVED
 MAR - 8 2007
 WATER RIGHT PROGRAM

STATIC WATER LEVEL 75' 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☐ OtherDescribe: 50 hp test pump
Set at 140'

Pumping Level Below Land Surface

93.6 ft. After 83 Hrs. pumped 550 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

Well cleaned up very nice
 no sand

This well was drilled under license # 424

And this report is true and accurate.

Drilling firm Boart Longyear

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: 3/5/07