SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location ___ ¼ SE ¼ Sec 22 Twp 102N Rg 48W

County Minnehaha

Please mark well location with an "X"

North

W E

1 Mile

Well Completion Date June 99

Well Owner: Greg Carmon

Business Name: Midwest Railcar Repairs

Address: RR

Brandon

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
topsoil	0	1
clay	1	52
sand	52	55
clay	55	72
quartzite	72	288

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 100 ft. from septic tank (identify source).

PROPOSED USE:

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

METHOD OF DRILLING:

Forward rotary + air

CASING DATA:

☒ Steel ☐ Plastic ☐ Other

If other describe ___

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
18.97 LB/FT	6 IN	0 FT	78 FT	9 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
cement		lb./gal	6 ft	78 ft
		lb./gal	ft	ft

Describe grouting procedure gravity feed thru tremie pipe

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter ___ IN Length ___ FEET

Material ___

Slot Size ___ Set From ___ Feet to ___ Feet

Other information ___

WAS A PACKER OR SEAL USED? ☐ YES ☒ NO

If so, what material? ___

Describe packer(s) and location? ___

DISINFECTION:

Was well disinfected upon completion? X YES, How: chlorine

___ NO, Why Not? ___

Laboratory sent to for water quality analysis City of Sioux Falls

STATIC WATER LEVEL 45 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 Describe: owners pump

☐ Bailed

☐ Other

Pumping Level Below Land Surface

135 ft. After 2 Hrs. pumped 16 GPM

___ ft. After ___ Hrs. pumped ___ GPM

If pump installed, pump rate 16 GPM

REMARKS

well drilled open hole in Quartzite

MAR 2000 WATER RIGHTS PROGRAM Pierre, SD

This well was drilled under license # 129

And this report is true and accurate.

Drilling firm Siouxland Well Drilling

Signature of License Representative: Wayne H Wagner

Signature of Well Owner or Equitable Property Holder: ___

Date: ___