

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

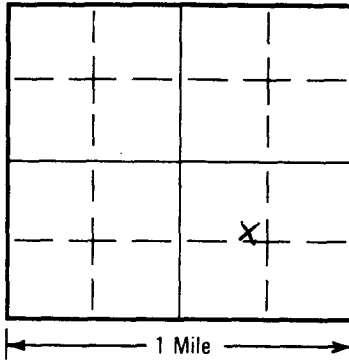
Location SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec 512 Twp T35 Rg R44
 County SE SE SHANNON
 North

Please mark well location with an "X"

W

E

Well Completion Date

2-20-04

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 180 ft. from SEPTIC TANK (identify source).

PROPOSED USE:

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

METHOD OF DRILLING:

RotaryCASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>200 psi</u> LB/FT	<u>5</u> IN	<u>12</u> FT	<u>200</u> FT	<u>8 3/4</u> IN
<u>250 psi</u> LB/FT	<u>5</u> IN	<u>200</u> FT	<u>428</u> FT	<u>8 3/4</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
<u>BENTONITE chip 15</u>		_____ lb./gal	_____ ft	_____ ft
		_____ lb./gal	<u>10</u> ft	<u>30</u> ft

Describe grouting procedure poured in around casing, preventing bridging

SCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 5 IN Length 20 FEETMaterial PVC & STAINLESS STEELSlot Size .020 ^Ø Set From 428 Feet to 468 FeetOther information SS " 468 " 478 "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: a different

☒ NO, Why Not? Crew did final test pump & disinfecting

Laboratory sent to for water quality analysis

MID CONTINENT
RAPID CITY, SD

Well Owner: Imogene Roy
 Business Name: IHS
 Address: South of Kyle, near yellow Bear Canyon

WELL LOG:

DEPTH

FORMATION	FROM	TO
TOP SOIL	0	1
FINE RED SAND	1	80
RED ROCK DRY	80	227
RED + white Rock	227	327
RED ROCK	327	416
RED ROCK & FINE WH. SAND	416	478

STATIC WATER LEVEL _____ 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: _____☐ Bailed _____☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

This well was drilled under license # 451

And this report is true and accurate.

Drilling firm OBRYAN CONTRACTING, MARTIN SD

Signature of License Representative: _____

Signature of Well Owner or Equitable Property Holder: _____

Date: 2-20-04

RECEIVED

JAN 21 2005

WATER RIGHTS PROGRAM