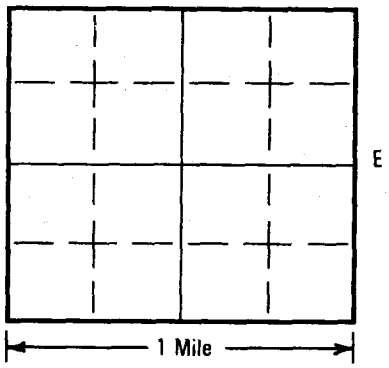
SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SE ¼ SE ¼ Sec 3 Twp 94 Rg 57

County YANKTON

Please mark well location with an "X"



Well Completion Date 8-20-05

Well Owner: TERRY MANAS

Business Name:

Address: 43186 304TH ST

UTICA/LESTERVILLE 57040

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 150 ft. from SEPTIC (identify source)

PROPOSED USE:

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

METHOD OF DRILLING: FORWARD MUD ROTARY

CASING DATA: ☐ Steel ☑ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
250 LB/FT	5 IN	0 FT	168 FT	8 3/4 IN
310 LB/FT	3 IN	165 FT	195 FT	4 3/4 IN
LB/FT	IN	FT	FT	IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
CEMENT	7	lb./gal	10 ft.	45 ft.
BENTONITE	6	lb./gal	45 ft.	120 ft.

Describe grouting procedure THROUGH TREMMIE

SCREEN: ☑ Perforated pipe ☐ Manufactured

Diameter 3 IN Length 30 FEET

Material PVC

Slot Size 3/32 Set From 165 Feet to 195 Feet

Other information

WAS A PACKER OR SEAL USED? ☑ YES ☐ NO

If so, what material? O-RING ON 4" COUPLING

Describe packer(s) and location? 165' BETWEEN CASINGS

DISINFECTION: Was well disinfected upon completion? ☑ YES, How: POURED CLOROX ☐ NO, Why Not?

Laboratory sent to for water quality analysis

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
TOPSOIL	0	4
CLAY W/SAND LENSES	4	56
SHALY	56	80
CHALK W/SAND STREAKS	80	195

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 Describe: W/AIRLIFT

☐ Bailed

☐ Other

Pumping Level Below Land Surface

185 ft. After 6 Hrs. pumped 45 GPM

ft. After Hrs. pumped GPM

If pump installed, pump rate 10 GPM

REMARKS DID NOT PUMP AT FIRST FOR LONG TIME. WAS PLUGGED WITH CUTTINGS

This well was drilled under license # 590

And this report is true and accurate.

Drilling firm WELL DOCTOR & REPAIR

Signature of License Representative: Robert Underbers

Signature of Well Owner or Equitable Property Holder:

Date: 8-20-05

RECEIVED
APR 28 2006
WATER RIGHTS PROGRAM