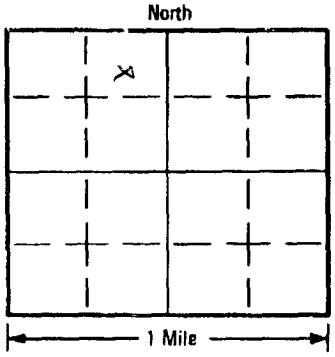
SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NE ¼ NW ¼ Sec 16 Twp 36N Rg 36W

County BENNETT

Please mark well location with an "X"



Well Completion Date 3-25-04

Well Owner: LACREEK National Wildlife Refuge

Business Name:

Address: HC 5 Box 114 Martin SD 57551-9510

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
top soil	0	1
Packed silty sand	1	200

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 300 ft. from Septic System (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
4.13 LB/FT	6 IN	0 FT	168 FT	12 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
Hole Plug	50	lb./gal	5 ft.	30 ft
		lb./gal	ft.	ft

Describe grouting procedure

SCREEN: ☐ Perforated pipe ☒ Manufactured

Diameter 6" IN, Length 32 FEET

Material Stainless Steel

Slot Size .018 Set From 168 Feet to 200 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: Cloring ___ NO, Why Not?

Laboratory sent to for water quality analysis

Energy Labs - they have previously sent test results

STATIC WATER LEVEL 34 Feet

If flowing: closed in pressure NA PSI

GPM flow [redacted] through [redacted] inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

Reduced Flowrate GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped ☐ Bailed ☐ Other

Describe: Submersible Pump

Pumping Level Below Land Surface

148 ft. After 1 Hrs. pumped 8 GPM

ft. After Hrs. pumped GPM

If pump installed, pump rate 7 GPM

REMARKS

This well was drilled under license # 300

And this report is true and accurate.

Drilling firm Grooms Drilling, INC

Signature of License Representative:

Edgar Grooms

Signature of Well Owner or Equitable Property Holder

Date: 9-17-04

RECEIVED
SEP 21 2004
WATER RIGHTS PROGRAM