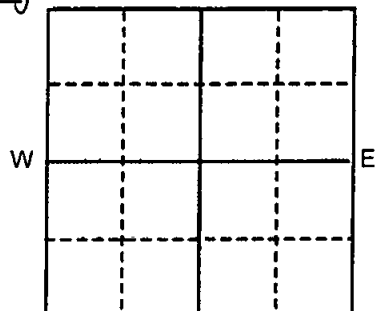


SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SW 1/4 NW 1/4 Sec 24 Twp 95 Rg 72County Charles Mix Gregory *NR pm GPS 2/27/18*
NorthPlease mark well
location with an "X"

Well Completion Date

01/25/18

1 Mile

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

PROPOSED USE:

☒ Domestic/Stock ☐ Municipal ☐ Business ☐ Test holes
☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well
METHOD OF DRILLING:
STRAIGHT ROTARY

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
1.5 LB/FT	5.00 IN	1.0 FT	78.0 FT	9.00 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	8	15.5 Lb/gal	6.0 Ft	18.0 Ft
BENTONITE	3	15.5 Lb/gal	18.0 Ft	24.0 Ft

Describe grouting procedure

PUMPED TREMIE PIPE

SCREEN:

☒ Perforated pipe ☐ Manufactured
 Diameter 5.00 Inches Length 40.0 Feet
Material PVCSlot Size .016 Set From 78.0 Feet to 118.0 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?

☒ Yes, How? HTH☐ No, Why Not? _____Lab to which water
quality sample sent for analysisWell Owner: Richard Kerner

Business Name: _____

Address: 506 E. 8th StreetCity, State, Zip: Burke SD 57523

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
top soil	0	2
sand w/ gravel	2	18
clay	18	24
clay w/ layers of sand & gravel	24	36
sand / fine to med - clay	36	64
clay w/ sandstone - clay	64	106
sand / fine to med	106	118
clay	118	121
ochre w/ shale	118	140

STATIC WATER LEVEL 36.0 FEET

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced flow rate _____ GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe:☐ Bailed☐ Other

Pumping Level Below Land Surface

58.0 Ft. After 2.0 Hrs. pumped 30.0 GPM51.0 Ft. After 2.0 Hrs. pumped 20.0 GPM

If pump installed, pump rate: _____ GPM

REMARKS

customer to install pump

*Ogallala NR*This well was drilled under license # 189 and this
report is true and accurate.Drilling firm: GROSCH IRRIGATION CO., INC.

Signature of License Representative:

Nate A. Kerner POA

Signature of Well Owner or Equitable Property Holder

RECEIVED
FEB 27 2018

Date: _____

WATER RIGHTS
PROGRAM