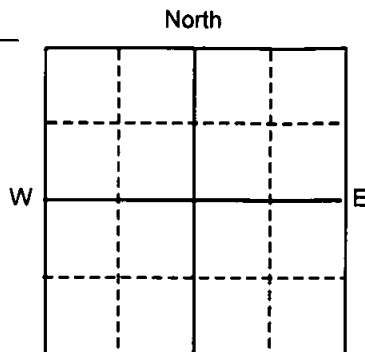


SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location 1/4 NE 1/4 Sec 30 Twp 38 Rg 25County TODDPlease mark well
location with an "X"

Well Completion Date

05/24/18

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:

REVERSE ROTARY

CASING DATA:

If other describe _____

☐ Steel ☒ Plastic ☐ Other

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
20.0 LB/FT	16.00 IN	1.0 FT	50.0 FT	28.00 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	50	15.5 Lb/gal	20.0 Ft	0.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure _____

PUMPED TREMIE PIPE

SCREEN:

☒ Perforated pipe ☐ Manufactured
Diameter 16.00 Inches Length 20.0 FeetMaterial PVCSlot Size .051 Set From 50.0 Feet to 130.0 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 analysis _____
Well Owner: Milligan, Mace, Boies, Flannery LLCBusiness Name: Milligan, Mace, Boies, Flannery LLCAddress: 27251 288th StreetCity, State, Zip: Mission SD 57555

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
top soil	0	2
sand / fine - med	2	14
sandstone	14	26
sand / fine - med - some coarse	26	46
sandstone w/ sand layers	46	62
sand / fine - med	62	84
limestone	84	85
fine sand	85	90
red rock	90	130

STATIC WATER LEVEL 38.0 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

117.0 Ft. After 2.0 Hrs. pumped 450.0 GPM115.0 Ft. After 2.0 Hrs. pumped 400.0 GPMIf pump installed, pump rate: 250.0 GPM

REMARKS

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

Signature of License Representative: _____

Signature of Well Owner or Equitable Property Holder _____

RECEIVED
SEP 18 2018

Date: _____

WATER RIGHTS
PROGRAM