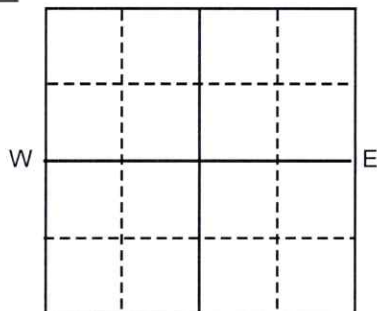


SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec 18 Twp 93 Rg 54County Yankton

North

Please mark well
location with an "X"

Well Completion Date

10-28-24

1 Mile

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

2,500.0 ft. from Septic tank (identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

Reverse Rotary

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>20.0</u> LB/FT	<u>16.00</u> IN	<u>1.0</u> FT	<u>34.0</u> FT	<u>28.00</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Cement</u>	<u>50</u>	<u>15.5</u> Lb/gal	<u>20.0</u> Ft	<u>0.0</u> Ft
		Lb/gal	Ft	Ft

Describe grouting procedure

Pumped Tremie Pipe

SCREEN:

☒ Perforated pipe ☐ Manufactured
Diameter 16.00 Inches Length 60.0 FeetMaterial PVCSlot Size .051 Set From 34.0 Feet to 94.0 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: Heine Farms

Business Name: _____

Address: 617 Applewood DriveCity, State, Zip: Yankton SD 57078

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Top soil	0	2
Fine to med gravel with sand	2	50
Med sand	50	76
Coarse gravel with rocks	76	95

STATIC WATER LEVEL 30.0 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: With turbine pump
☐ Bailed
☐ Other

Pumping Level Below Land Surface

49.0 Ft. After 3.0 Hrs. pumped 885.0 GPM66.0 Ft. After 3.0 Hrs. pumped 1,250.0 GPM

If pump installed, pump rate: _____ 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

Date: DEC 18 2024OFFICE OF
WATER