SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location NE ¼ SW ¼ Sec 28 Twp 15 Rg 5E

County: Penn

North

Please mark well location with an "X"

W E

1 Mile

Well completion Date: 09-05-23

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

? ft. from None Close (identify source)

PROPOSED USE:
☒ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation well ☐ Industrial ☐ Institutional ☐ Monitoring

METHOD OF DRILLING: AIR ROTARY

CASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
166 LB/FT	6 IN	0 FT	40 FT	8 1/2 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
I/II	12	14.5 Lb/gal	0 Ft	40 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure: pumped cement down tremie tube from Bottom up

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter ____ Inches Length ____ Feet

Material

Slot Size ____ Set From ____ Feet to ____ Feet

Other information

WAS A PACKER OR SEAL USED? ☒ Yes ☐ No

If so, what material? Rubber

Describe packer(s) and location: Flared Rubber 40 ft

DISINFECTION: Was well disinfected upon completion?

☒ Yes, How? Clorin Solution

☐ No, Why Not?

Lab sample sent to for water quality analysis

Well Owner: Russ & Kim Johnson

Business Name:

Address: 23969 Palmer Gulch Rd

City, State, Zip: Hill City SD 57745

WELL LOG:

FORMATION	DEPTH FROM	DEPTH TO
Top soil Clay	0	10
Mica Schist	10	205

STATIC WATER LEVEL 31 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: Blew with air

☐ Bailed

☒ Other

Pumping Level Below Land Surface

150 Ft. After 3 Hrs. pumped 15 GPM

____ Ft. After ____ Hrs. pumped ____ GPM

If pump installed, pump rate: ____ GPM

REMARKS

This well was drilled under license # 171

And this report is true and accurate.

Drilling firm: Hamm Drilling

Signature of License Representative: Douglas Hamm

Signature of Well Owner or Equitable Property Holder:

Date: 09-20-23

RECEIVED
SEP 25 2023
OFFICE OF WATER

Please return **WHITE COPY** to: DENR Water Rights 523 E Capitol Ave. Pierre SD 57501