

2710-2

SOUTH DAKOTA WATER WELL COMPLETION REPORT

2024

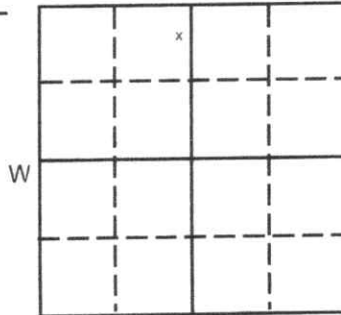
Location NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec 29 Twp 37 Rg 33W

County

Bennett

GPS Coordinates 43.1564Lat: N 43 09 23.20Lon: W -101 14 49.90-101.2472

North

Please mark well location
with an "X" on section grid

Well Completion Date

6/27/2024

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

? 760 ft. from Abandoned Irrigation Well (identify source)

PROPOSED USE:

- ☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Monitoring Well
☒ Irrigation ☐ Industrial ☐ Institutional ☐ Test Hole
☐ Dewatering Well ☐ Geothermal ☐ Other _____

METHOD OF DRILLING: Flooded Reverse CirculationCASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
SDR 26 LB/FT	16 IN	0 FT	110 FT	28 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
Neat Cement	115	16.0 Lb/gal	6.0 Ft	50.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure Mixed Neat Cement and Pumped into annular with grout pump and trim line

SCREEN:

☒ Perforated pipe ☐ Manufactured
 Diameter 16 Inches Length 100.0 Feet
Material PVC SDR 26Slot Size .050" Set From 110.0 Feet to 210.0 FeetOther information AA Spec Gravel Pack from 210 ft to 60 ftWAS A PACKER OR SEAL USED? ☒ Yes ☐ NoIf so, what material? bentonite hole plug 50 ft to 60 ft

Describe packer(s) and location gravity placement of hole plug into annular

DISINFECTION: Was well disinfected upon completion?

☒ Yes, How? Chlorination☐ No, Why Not? _____Lab sample sent to for
water quality analysisWell Owner: Oneill Cattle Co Inc c/o Rick OneillBusiness Name: 605-685-3888Address: 24381 294th StreetCity, State, Zip: Cody, NE 69211

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Top Soil	0.0	2.0
Coarse Sand	2.0	10.0
Sand Stone and Washed Sand Stone Fragments	10.0	36.0
Fine Sand	36.0	44.0
Sand Stone	44.0	50.0
Very Coarse Sand	50.0	80.0
Brown Clay	80.0	85.0
Coarse Pepper Sand	85.0	210.0
Brown Clay and Grey Clay/ Brule	210.0	240.0

STATIC WATER LEVEL 54.0 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: Test Pumped with Lineshaft Turbine and Portable Diesel Power Unit
☐ Bailed ☐ Air
☐ Other

Pumping Level Below Land Surface

145.0 Ft. After 3.0 Hrs. pumped 1,100.0 GPM175.0 Ft. After _____ Hrs. pumped 1,450.0 GPMIf pump installed, pump rate: 850.0 GPM

REMARKS

This is a replacement well for permit #2710-2. Old well collapsed. Old well has been abandoned. New well is 760 ft SE of Original well

This well was drilled under license # 377

And this report is true and accurate.

Drilling firm: Beck's Well and Irrigation Inc.

Signature of License Representative:

[Signature] 10-12-2024

Signature of Well Owner or Equitable Property Holder:

[Signature] 10-15-24

Date:

RECEIVED

Please return White Copy to DANR Water Rights 523 E. Capitol Ave., Pierre SD 57501

OCT 28 2024
OFFICE OF
WATER