

## SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SW  $\frac{1}{4}$  NW  $\frac{1}{4}$  Sec 27 Twp 3S Rg 4E

County

Custer

North

Please mark well  
location with an "X"

W

E

Well Completion Date

12/5/2024

1 Mile

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

? 175.0 ft. from Drainfield (identify source)

## PROPOSED USE:

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

## METHOD OF DRILLING:

Down Hole Hammer

## CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

| PIPEWEIGHT         | DIAMETER        | FROM          | TO             | HOLE DIAMETER  |
|--------------------|-----------------|---------------|----------------|----------------|
| <u>160.0</u> LB/FT | <u>60.00</u> IN | <u>0.0</u> FT | <u>40.0</u> FT | <u>8.75</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>Portland</u> | <u>10</u>    | <u>16.0</u> Lb/gal | <u>0.0</u> Ft | <u>40.0</u> Ft |
| <u>Cement</u>   |              | Lb/gal             | Ft            | Ft             |

Describe grouting procedure

## 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 ☐ NoIf so, what material? Rubber

Describe packer(s) and location \_\_\_\_\_

## DISINFECTION: Was well disinfected upon completion?

☒ Yes, How? Chlorine TabletsLab sample sent to for  
water quality analysisMld ContinentWell Owner: Darrell Armbruster

Business Name: \_\_\_\_\_

Address: 235 Field Crest Blvd. NECity, State, Zip: Cocato MN 55321

## WELL LOG:

| FORMATION       | DEPTH |     |
|-----------------|-------|-----|
|                 | FROM  | TO  |
| Dirt/Shist      | 0     | 30  |
| Shist           | 30    | 90  |
| Shist/Pegmatite | 90    | 190 |
| Shist           | 190   | 210 |
|                 |       |     |
|                 |       |     |
|                 |       |     |
|                 |       |     |
|                 |       |     |

STATIC WATER LEVEL 20.0 FEET

If flowing: closed in pressure \_\_\_\_\_ PSI

GPM flow 33.0 through \_\_\_\_\_ Inch pipeControlled 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

\_\_\_\_\_ Ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM

\_\_\_\_\_ Ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM

If pump installed, pump rate: \_\_\_\_\_ GPM

## REMARKS

RECEIVED

FEB 03 2025

OFFICE OF  
WATERThis well was drilled under license # 363

And this report is true and accurate.

Drilling firm: Howe Well Drilling & Excavating, Inc.

Signature of License Representative:

Charles Howe

Signature of Well Owner or Equitable Property Holder:

Date: 12/10/2024