STATE OF NORTH DAKOTA

**BOARD OF WATER WELL CONTRACTORS**

900 E. BOULEVARD • BISMARCK, NORTH DAKOTA 58501

# WELL DRILLER'S REPORT

State law requires that this report be filed with the State Board of Water Well Contractors within 30 days after completion or abandonment of the well.

## 1. WELL OWNER

Name: Bera Unbard

Address: Lemmon, S. Dak. 57638

## 2. WELL LOCATION

Sketch map location must agree with written location.

NORTH

1 MILE

Sec. (1 mile) _____

County: Adam

W ¼ ___ ¼ NE ¼ Sec. 35 Twp. 129 N. Rg 91 W.

## 3. PROPOSED USE

☐ Domestic ☒ Stock ☐ Geothermal ☐ Irrigation ☐ Municipal ☐ Monitoring ☐ Industrial ☐ Test Hole

## 4. METHOD DRILLED

☐ Cable ☒ Forward Rotary ☐ Reverse Rotary ☐ Jetted ☐ Bored ☐ Auger

If other, specify _____

## 5. WATER QUALITY

Was a water sample collected for:

Chemcial Analysis? ☐ Yes ☐ No

Bacteriological Analysis? ☒ Yes ☐ No

If so, to what laboratory was it sent? State Dist. N.D.

## 6. WELL CONSTRUCTION

8" hole to 70'

Diameter of hole 6 ¼ inches. Depth 200 feet.

Casing: ☐ Steel ☒ Plastic ☐ Concrete ☐ Threaded ☐ Welded ☐ Other

If other, specify _____

| Pipe Weight: | Diameter: | From: | To: |
|---|---|---|---|
| 250 lb/ft | 4½ inches | 0 feet | 200 feet |
| ___ lb/ft | ___ inches | ___ feet | ___ feet |
| ___ lb/ft | ___ inches | ___ feet | ___ feet |

Was perforated pipe used? ☒ Yes ☐ No

Perforated pipe set from 160 ft to 200 feet

Was casing left open end? ☒ Yes ☐ No

Was a well screened installed? ☐ Yes ☒ No

Material — Diameter — inches

Slot Size — set from — feet to — feet

Slot Size — set from — feet to — feet

Was packer or seal used? ☒ Yes ☐ No

If so, what material Rubber Depth 40 ft.

(stainless steel, bronze, etc.)

Type of well: Straight screen ☒ Gravel packed ☐

Depth grouted: From 40 To ground

Grouting Material: Cement _____ Other X

If other explain: Bentonite chips & cement

Well head completion: Pitless unit _____

12" above grade X Other _____

If other, specify _____

Was pump installed: ☒ Yes ☐ No

Was well disinfected upon completion? ☒ Yes ☐ No

## 7. WATER LEVEL

Static water level 60 feet below surface

If flowing: closed-in pressure _____ psi

GPM flow _____ through _____ inch pipe

Controlled by: ☐ Valve ☐ Reducers ☐ Other

If other, specify _____

## 8. WELL TEST DATA

☒ Pump ☐ Bailer ☐ Other

Pumping level below land surface:

7 ft. after 4 hrs. pumping 7 gpm

___ ft. after ___ hrs. pumping ___ gpm

___ ft. after ___ hrs. pumping ___ gpm

## 9. WELL LOG

| Formation | Depth (ft.) From | Depth (ft.) To |
|---|---|---|
| Clay shale | 0 | 4 |
| Bard | 4 | 7 |
| Brown sand | 7 | 10 |
| Rocky | 10 | 14 |
| Red clay shale | 14 | 50 |
| Bard 16" | 50 | 51 |
| Red clay shale | 51 | 75 |
| Red of Bard | 75 | 76 |
| Red clay shale | 76 | 100 |
| Light gray shale | 100 | 120 |
| Sandy shale | 120 | 140 |
| Light gray shale | 140 | 160 |
| Sandy shale | 160 | 190 |
| Water sand | 190 | 200 |

(Use separate sheet if necessary)

## 10. DATE COMPLETED 9-11-92

## 11. WAS WELL PLUGGED OR ABANDONED?

☐ Yes ☒ No

If so, how _____

## 12. REMARKS:

40' to 25' Drilling cuttings 25' to 3' Bentonite chips 3' to ground w/ cement.

The well was drilled on a slope in Bera pasture

## 13. DRILLER'S CERTIFICATION

This well was drilled under my jurisdiction and this report is true to the best of my knowledge.

Larry Eblen Well Drilling — 83

Driller's or Firm's Name — Certificate No.

HC 63 Box 35 Lemmon, S. Dak. 57638

Address

Larry Eblen — 9-12-92

Signed by — Date

WHITE-DRILLER'S COPY YELLOW-BOARD'S COPY PINK-CUSTOMER'S COPY