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: Carl Dahl

Address: HCR 1 Box 37 Fortuna, N.D.

2. WELL LOCATION

Sketch map location must agree with written location.

NORTH

1 Mile

Sec. [1 Mile]

County: Divide

NW ¼ NW ¼ NW ¼ Sec. 1 Twp. 162 N. Rg. 100 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:

Chemical Analysis? ☒ Yes ☐ No

Bacteriological Analysis? ☒ Yes ☐ No

If so, to what laboratory was it sent: Astra Clean

6. WELL CONSTRUCTION

Diameter of hole: 10 inches. Depth: 400 feet.

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

If other, specify

Pipe Weight:	Diameter:	From:	To:
3 lb/ft.	5 inches	+2 feet	388 feet
3 lb/ft.	5 inches	398 feet	400 feet
lb/ft.	inches	feet	feet

Was perforated pipe used? ☐ Yes ☒ No

Perforated pipe set from ft to feet

Was casing left open end? ☐ Yes ☒ No

Was a well screened installed? ☒ Yes ☐ No

Material: Jayco Screen (PVC) Diameter: 5 inches (stainless steel, bronze, etc.)

Slot size: 20 set from 388 feet to 398 feet

Slot size set from feet to feet

Was a packer or seal used? ☐ Yes ☒ No

If so, what material Depth Ft.

Type of well: Straight screen ☐ Gravel packed ☒

Depth grouted: From 375'-380' To 10'-30'

Grouting Material: Cement Other ✓

If other explain: Envirosplug pellets (medium)

Well head completion: Pitless unit

12" above grade Other X

If other, specify 2'

Was pump installed: ☐ Yes ☒ No

Was well disinfected upon completion? ☒ Yes ☐ No

7. WATER LEVEL

Static water level: 112 feet below land 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:

117 ft. after 24 hrs. pumping 8 gpm

ft. after hrs. pumping gpm

ft. after hrs. pumping gpm

9. WELL LOG

Formation	Depth (ft.) From	To
Clay (BL)	0	23
Clay w/ gravel (BL)	23	42
Sandy Clay w/ Gravel (BL)	42	80
Clay w/ gravel (BL)	80	95
Gravel	95	98
Clay w/ gravel (BL)	98	256
Sand (BL)	256	258
Clay w/ gravel (BL)	258	290
Gravel w/ little clay (BL)	290	295
Clay w/ gravel (BL)	295	310
Sandy Clay w/ gravel + coal	310	322
Clay w/ gravel (BL)	322	340
Sandy Clay (BL)	340	360
Sand (BL)	360	400
Sandy Clay (BL)	400	410

(Use separate sheet if necessary.)

10. DATE COMPLETED 8-13-91

11. WAS WELL PLUGGED OR ABANDONED?

☐ Yes ☒ No

If so, how

12. REMARKS:

Pitless unit will be installed after harvest

13. DRILLER'S CERTIFICATION

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

Hivinger Drilling 107

Driller's or Firm's Name Certificate No.

RT 3 Box 11 C Williston

Address

Monte Hivinger 8-17-91

Signed by Date

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