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 DALE LANDERS

Address 419 3rd. Ave. W.

2. WELL LOCATION

Sketch map location must agree with written location.

NORTH

1 Mile

Sec. [1 Mile] _____

County 53

SW ¼ NW ¼ SE ¼ Sec. 12 Twp. 154 N. Rg. 100 W.

3. PROPOSED USE

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

4. METHOD DRILLED

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

If other, specify _____

5. WATER QUALITY

Was a water sample collected for chemical analysis?

☒ Yes ☐ No

If so, to what laboratory was it sent Dales Water Ser.

6. WELL CONSTRUCTION

Diameter of hole 7 7/8 inches. Depth 205 feet.

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

If other, specify _____

Pipe Weight:	Diameter:	From:	To:
200 lb/ft.	5 inches	0 feet	197 feet
lb/ft.	inches	feet	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 PVC Diameter 5 inches
(stainless steel, bronze, etc.)

Slot size 1020 set from 187 feet to 197 feet

Slot size _____ set from _____ feet to _____ feet

Was a packer or seal used? ☒ Yes ☐ No

If so, what material PVC Depth 194 Ft.

Type of well: Straight screen ☐ Gravel packed ☒

Depth grouted: From 0 To 28

Grouting Material: Cement x Other _____

If other explain: _____

Well head completion: Pitless unit x

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 97 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:

190 ft. after 1 hrs. pumping 8 gpm

_____ ft. after _____ hrs. pumping _____ gpm

_____ ft. after _____ hrs. pumping _____ gpm

9. WELL LOG

Formation	Depth (ft.) From	Depth (ft.) To
Top Soil	0	2
Clay	2	6
Sand	6	22
Clay	22	173
Coal	173	174
Gravel-Course	174	205

(Use separate sheet if necessary.)

10. DATE COMPLETED 10/28/87

11. WAS WELL PLUGGED OR ABANDONED?

☒ Yes ☐ No

If so, how Cemented casing, Enviroplug, cappin

12. REMARKS: These logs submitted only because of the demands of Clarance A. Armstrong-- -- further work may be nessary

13. DRILLER'S CERTIFICATION

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

SEIDEL SERVICES, INC. 140
Driller's or Firm's Name Certificate No.

Rt. 4 Box 45, Williston, ND 58801
Address

Signed by [signature] Date 8/1/88 10/28/87

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