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.

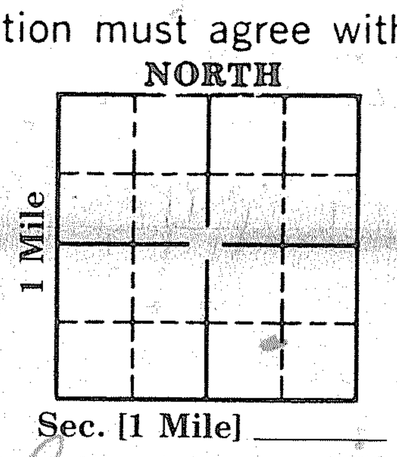
1. WELL OWNER

Name: Rick Harwood

Address: Lemmon, S. Dak 57638

2. WELL LOCATION

Sketch map location must agree with written location.



County: Adams

¼ W ½ ¼ E ¼ Sec. 9 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:

Chemical Analysis? ☐ Yes ☒ No

Bacteriological Analysis? ☐ Yes ☒ No

If so, to what laboratory was it sent

6. WELL CONSTRUCTION

Diameter of hole 7 inches. Depth 208 feet.

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

If other, specify

Pipe Weight:	Diameter:	From:	To:
200 lb/ft.	4 inches	0 feet	208 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: Slotted Plastic Diameter: 4 inches
(stainless steel, bronze, etc.)

Slot size 32 set from 170 feet to 208 feet

Slot size set from feet to feet

Was a packer or seal used? ☒ Yes ☐ No

If so, what material: Clay chips Depth: 150 Ft.

Type of well: Straight screen ☐ Gravel packed ☒

Depth grouted: From 20 To ground

Grouting Material: Cement X Other

If other explain:

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 145 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:

165 ft. after 3 hrs. pumping 9 gpm

ft. after hrs. pumping gpm

ft. after hrs. pumping gpm

9. WELL LOG

Formation	Depth (ft.) From	Depth (ft.) To
Brown sand	0	30
Gray sand	30	40
Brown shale	40	47
Gray shale	47	72
Hard "brown water"	72	72½
Gray shale 150'	72½	85
Gray shale "seep"	85	150
Dark shale	150	170
Red yellow sand & shale	170	208

(Use separate sheet if necessary.)

10. DATE COMPLETED 9-19-89

11. WAS WELL PLUGGED OR ABANDONED?

☐ Yes ☒ No

If so, how

12. REMARKS:

on a side hill in the pasture.

13. DRILLER'S CERTIFICATION

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

Larry Ellison Well Drilling — 83

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

HCR 63 Box 35 Lemmon, S. Dak

Address

Larry Ellison — 9-21-89

Signed by — Date

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