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: TIM MUTCHLER

Address: NORTHWOOD, N.D. 58267

## 2. WELL LOCATION

Sketch map location must agree with written location.

NORTH

1 MILE

Sec. (1 mile) ____ County: GRAND FORKS

SE 1/4 SW 1/4 NW 1/4 Sec. 19 Twp. 150 N.Rg 54 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? ____

## 6. WELL CONSTRUCTION

Diameter of hole 8 inches. Depth 36 feet.

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

If other, specify ____

| Pipe Weight: | Diameter: | From: | To: |
|---|---|---|---|
| 220 lb/ft | 4 inches | 0 feet | 26 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 PLASTIC Diameter 4 inches

Slot Size .014 set from 26 feet to 36 feet

Slot Size ____ set from ____ feet to ____ feet

Was packer or seal used? ☐ Yes ☒ No

If so, what material ____ Depth ____ ft.

(stainless steel, bronze, etc.)

Type of well: Straight screen ☐ Gravel packed ☒

Depth grouted: From 8 To 20

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 6 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:

11 ft. after 1 hrs. pumping 20 gpm

____ ft. after ____ hrs. pumping ____ gpm

____ ft. after ____ hrs. pumping ____ gpm

## 9. WELL LOG

| Formation | Depth (ft.) From | Depth (ft.) To |
|---|---|---|
| BLACK DIRT | 0 | 2 |
| SANDY CLAY | 2 | 5 |
| FINE SAND | 5 | 22 |
| MED. BLACK SAND | 22 | 32 |
| FINE SAND | 32 | 36 |

(Use separate sheet if necessary)

## 10. DATE COMPLETED 7-29-93

## 11. WAS WELL PLUGGED OR ABANDONED?

☐ Yes ☒ No

If so, how ____

## 12. REMARKS:

## 13. DRILLER'S CERTIFICATION

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

EARTH ENERGY SYSTEMS 138

Driller's or Firm's Name — Certificate No

BOX 424

Address

NORTHWOOD, ND 58267

Signed by Kenneth J. Medlin Date 8-30-93

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