STATE OF NORTH DAKOTA

BOARD OF WATER WELL CONTRACTORS

900 E. BOULEVARD AVE., DEPT. 770 • BISMARCK, NORTH DAKOTA 58505-0850

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 Dickinson State Univ.

Address

2. WELL LOCATION

Sketch map location must agree with written location.

NORTH

1 MILE

Sec. (1 mile)

County Stark

N 1/4 NW 1/4 SW 1/4 Sec. 4 Twp. 139 N. Rg. 96 W.

3. PROPOSED USE

☐ Domestic ☐ Geothermal ☐ Monitoring
☐ Stock ☑ Irrigation ☐ Industrial
☐ 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

Bacteriological Analysis? ☐ Yes ☑ No

If so, to what laboratory was it sent?

6. WELL CONSTRUCTION

Diameter of hole 10 inches. Depth 110 feet.

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

If other, specify

Pipe Weight:	Diameter:	From:	To:
20 lb/ft	5 inches	110 feet	+2 feet
lb/ft	inches	feet	feet
lb/ft	inches	feet	feet

Was perforated pipe used? ☑ Yes ☐ No

Perforated pipe set from 110 ft. to 80 feet

Was casing left open end? ☐ Yes ☑ No

Was a well screen 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 Depth ft.

Type of well: Straight screen ☐ Gravel packed ☑

Depth grouted: From 40 To 0

Grouting Material: Cement Other ✓

If other, explain: bentonite

Well head completion: Pitless unit

12" above grade Other

If other, specify

Was pump installed? ☐ Yes ☑ No

Was well disinfected upon completion? ☑ Yes ☐ No

7. WATER LEVEL

Static water level 30 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:

60 ft. after 1 hrs. pumping 70 gpm

ft. after hrs. pumping gpm

ft. after hrs. pumping gpm

9. WELL LOG

Formation	Depth (ft.) From	Depth (ft.) To
sand	0	38
clay sand	38	40
blue sand w/sandy clay	40	65
blue sand, sandy clay, coal	65	70
blue sand, coal layers	70	79
rock	79	81
blue sand	81	89
clay	89	92
rock	92	92½
blue sand, clay	92½	100
blue sand	100	110

(Use separate sheet if necessary)

10. DATE COMPLETED 7-22-09

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.

Smiley's Drilling — 40

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

Dickinson ND 58601

Address

7-28-09

Signed by — Date

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