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 Norman Staal Jr

Address Watford City ND

2. WELL LOCATION

Sketch map location must agree with written location.

NORTH

1 MILE

Sec. (1 mile) ____ County McKenzie

NE 1/4 SE 1/4 SW 1/4 Sec. 22 Twp. 152 N.Rg 95 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:

Chemcial Analysis? ☐ Yes ☑ No

Bacteriological Analysis? ☐ Yes ☑ No

If so, to what laboratory was it sent? ____

6. WELL CONSTRUCTION

Diameter of hole 8.75 inches. Depth 390 feet.

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

If other, specify ____

Pipe Weight:	Diameter:	From:	To:
200 PSI lb/ft	5" inches	Surface feet	345 feet
____ lb/ft	____ inches	____ feet	____ feet
____ lb/ft	____ inches	____ feet	____ feet

Was perforated pipe used? ☐ Yes ☐ No

Perforated pipe set from 345 ft to 385 feet

Was casing left open end? ☐ Yes ☑ No

Was a well screened 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.

(stainless steel, bronze, etc.)

Type of well: Straight screen ☐ Gravel packed ☑

Depth grouted: From 135 To Surface

Grouting Material: Cement ____ Other Bentonite

If other explain: ____

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 365 feet below surface

If flowing: closed-in pressure ____ psi

GPM flow 4 through ____ inch pipe

Controlled by: ☐ Valve ☐ Reducers ☐ Other

If other, specify ____

8. WELL TEST DATA

☑ Pump ☐ Bailer ☐ Other

Pumping level below land surface:

4 ft. after 20 hrs. pumping 345 gpm

____ ft. after ____ hrs. pumping ____ gpm

____ ft. after ____ hrs. pumping ____ gpm

9. WELL LOG

Formation	Depth (ft.) From	Depth (ft.) To
Surface Soil	0	1
Clay	1	52
Coal	52	60
Clay	60	195
Coal	195	200
Clay Gray	200	330
Sand	330	345
Coal & Sand	345	386
Clay	386	390
Red Rock	390	

(Use separate sheet if necessary)

10. DATE COMPLETED 5-5-00

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.

Dennis J Bingman 168

Driller's or Firm's Name Certificate No

PO Box 412 Watford City ND 58854

Address

[signature] 5-25-00

Signed by Date

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