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 Theodore Roosevelt Nat. Park

Address Box 7, Medora, N Dak 58645

2. WELL LOCATION

Sketch map location must agree with written location.

NORTH

1 MILE

Sec. (1 mile) ____

County Billings

NW-SW 1/4 NW 1/4 NW 1/4 Sec. 12 Twp. 140 N.Rg 102 W.

3. PROPOSED USE

- [x] Domestic
- [ ] Stock
- [ ] Geothermal
- [ ] Irrigation
- [ ] Municipal
- [ ] Monitoring
- [ ] Industrial
- [ ] Test Hole

4. METHOD DRILLED

- [ ] Cable
- [x] Forward Rotary
- [ ] Reverse Rotary
- [ ] Jetted
- [ ] Bored
- [ ] Auger

If other, specify ____

5. WATER QUALITY

Was a water sample collected for: Astro Chem

Chemcial Analysis? [x] Yes [ ] No (Williston

Bacteriological Analysis? [x] Yes [ ] No

If so, to what laboratory was it sent? South West Dist. Health Board Dickinson

6. WELL CONSTRUCTION

Diameter of hole 8" inches. Depth 1290 (1150) feet.

Casing: [x] Steel [ ] Plastic [ ] Concrete [x] Threaded [ ] Welded [ ] Other

If other, specify ____

Pipe Weight:	Diameter:	From:	To:
10.79 lb/ft	4 inches	+2 feet	1150 feet
see pipe lb/ft	2 inches	1103 feet	1250 feet
____ lb/ft	____ inches	____ feet	____ feet

Was perforated pipe used? [ ] Yes [x] No

Perforated pipe set from ____ ft to ____ feet

Was casing left open end? [x] Yes [ ] No

Was a well screened installed? [x] Yes [ ] No

Material S.S. Diameter 2 inches

Slot Size .015 set from 1250 feet to 1290 feet

Slot Size ____ set from ____ feet to ____ feet

Was packer or seal used? [ ] Yes [x] No

If so, what material ____ Depth ____ ft.

(stainless steel, bronze, etc.) silica sand

Type of well: Straight screen [ ] Gravel packed [x]

Depth grouted: From 0 To 1150

Grouting Material: Cement ✓ Other ____

If other explain: ____

Well head completion: Pitless unit ✓

12" above grade 24" Other ____

If other, specify ____

Was pump installed: [ ] Yes [x] No

Was well disinfected upon completion? [x] Yes [ ] No

7. WATER LEVEL

Static water level ____ feet below surface

If flowing: closed-in pressure 56 psi

GPM flow 64 through 2 inch pipe

Controlled by: [x] Valve [ ] Reducers [ ] Other

If other, specify ____

8. WELL TEST DATA

[ ] Pump [ ] Bailer [ ] Other

Pumping level below land surface:

____ ft. after ____ hrs. pumping ____ gpm

____ ft. after ____ hrs. pumping ____ gpm

____ ft. after ____ hrs. pumping ____ gpm

9. WELL LOG

Formation	Depth (ft.) From	Depth (ft.) To
Sand and gravel	0	28
gray clay	28	104
Coal	104	107
fine gray sand	107	113
gray clay	113	115
Sand	115	154
gray clay - layers of sandstone	154	468
fine gray sand	468	481
gray clay - layers of sandstone	481	653
Sand (10 to 12 gpm)	653	675
gray sandy clay	675	1145
gray clay	1145	1158
gray sandy clay	1158	1185
brown clay	1185	1211
gray clay	1211	1240
gray sand	1240	1290

(Use separate sheet if necessary)

10. DATE COMPLETED 4-23-1998

11. WAS WELL PLUGGED OR ABANDONED?

[ ] Yes [x] 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.

Boyce Drilling Inc — Driller's or Firm's Name — 95 — Certificate No

Box 56, Sidney, Mont — Address — 59270

Fred J Boyce — Signed by — 4-29-98 — Date

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