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 National Park

Address Medora, ND

2. WELL LOCATION

Sketch map location must agree with written location.

NORTH

1 Mile

Sec. [1 Mile]

County Billings (South unit)

NE ¼ NE ¼ ¼ Sec. 20 Twp. 140 N. Rg. 100 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 State Lab

6. WELL CONSTRUCTION

Diameter of hole 6 3/4 inches. Depth 951 feet.

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

If other, specify

Pipe Weight:	Diameter:	From:	To:
11 lb/ft.	4 inches	0 feet	906 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 Stainless Steel Diameter 2 inches
(stainless steel, bronze, etc.)

Slot size Blank set from 875 feet to 905 feet

Slot size .018 set from 905 feet to 945 feet
Blank 945 951

Was a packer or seal used? ☐ Yes ☒ No

If so, what material Depth Ft.

Type of well: Straight screen ☒ Sand pack Gravel packed ☐

Depth grouted: From To 906'

Grouting Material: Cement XX Other

If other explain:

Well head completion: Pitless unit Yes

12" above grade Yes Other

If other, specify

Was pump installed: ☒ Yes ☐ No

Was well disinfected upon completion? ☒ Yes ☐ No

7. WATER LEVEL

Static water level 425 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:

560 ft. after 2 hrs. pumping 15 gpm

ft. after hrs. pumping gpm

ft. after hrs. pumping gpm

9. WELL LOG

Formation	Depth (ft.) From	Depth (ft.) To
SEE ATTACHED		

(Use separate sheet if necessary.)

10. DATE COMPLETED 12/7/92

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.

Gregory Drilling, Inc. 154

Driller's or Firm's Name Certificate No.

1059 2nd Avenue East, Dickinson, ND

Address

Gaurin Gregory 12/15/92

Signed by Date

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

Gregory Drilling Co.
1059 2nd AVENUE EAST - DICKINSON, NORTH DAKOTA 58601 - (701) 227-0320

THEODORE ROOSEVELT NATIONAL PARK
MEDORA, ND

DECEMBER 15, 1992

Silty brown clay	0	7
Coal	7	12
Gray clay	12	19
Sandstone	19	20
Gray clay	20	43
Coal	43	50
Brown clay	50	54
Coal	54	55
Clay, sandy blue	55	73
Gray clay	73	140
Coal	140	145
Gray clay	145	345
Coal	345	351
Gray clay silty	351	383
Sand gray fine	383	410
Silty clay, gray	410	571
Gray clay	571	585
Sandy clay, gray	585	610
Gray clay	610	635
Coal	635	646
Gray clay	646	678
Coal	678	682
Gray clay	682	697
Coal	697	703
Clay gray	703	713
Sandstone	713	714
Gray clay	714	726
Coal	726	736
Sandstone	736	738
Gray clay	738	790
Coal	790	811
Sandy clay, blue	811	818
Sandstone	818	820
Sandy clay, blue	820	914
Sandstone	914	916
Sand, gray	916	942
Gray clay	942	951