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.

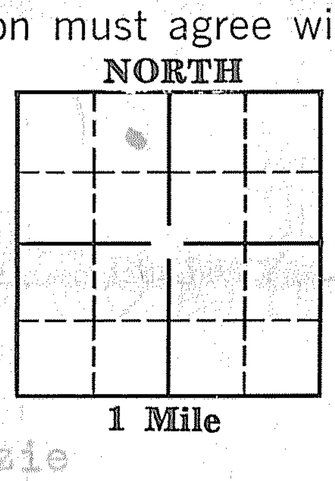
1. WELL OWNER

Name: Theodore Roosevelt National Park

Address: Medora, N. Dak. 58645

2. WELL LOCATION

Sketch map location must agree with written location.



County: McKenzie

NE ¼ NW ¼ ¼ Sec. 35 Twp. 148 N. Rg. 99 W.

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Industrial
☐ Stock ☐ Municipal ☐ Test Hole

4. METHOD DRILLED

☐ Cable ☐ Reverse Rotary ☐ Bored
☒ Forward Rotary ☐ Jetted ☐ Other

If other, specify

5. WATER QUALITY

Was a water sample collected for chemical analysis?

☐ Yes ☒ No

If so, to what laboratory was it sent

6. WELL CONSTRUCTION

Diameter of hole 6 3/4 inches. Depth 358 feet.

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

If other, specify

Pipe Weight:	Diameter:	From:	To:
11 lb/ft.	4 inches	0 feet	360 feet
lb/ft.	inches	feet	feet
lb/ft.	inches	feet	feet
lb/ft.	inches	feet	feet

Was perforated pipe used? ☐ Yes ☒ No

Length of pipe perforated feet

Was casing left open end? ☐ Yes ☒ No

Was a well screened installed? ☒ Yes ☐ No

Material: Stainless Diameter: 2 inches
(stainless steel, bronze, etc.)

Slot size 18 set from 360 feet to 390 feet

Slot size Blank set from 390 feet to 396 feet

Slot size set from feet to feet

Slot size set from feet to feet

Was a packer or seal used? ☐ Yes ☒ No

If so, what material Sand Pack

Type of well: Straight screen ☒ Gravel packed ☐

Was the well grouted? Yes ☒ No ☐

To what depth? 120 feet

Material used in grouting: Cement

Well head completion: Pitless adapter No

12" above grade Yes Other

If other, specify

Was well disinfected upon completion? ☐ Yes ☒ No

7. WATER LEVEL

Static water level 23 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:

220 ft.	after 1 hrs.	pumping 15	gpm
ft.	after hrs.	pumping	gpm
ft.	after hrs.	pumping	gpm

9. WELL LOG

Formation	Depth (ft.) From	Depth (ft.) To
Brown shale, sandy	0	15
Shale, yellow and brown	15	32
Gray shale	32	36
shale, brown & yellow	36	39
Gray shale	39	43
Coal	43	44
Gray shale	44	90
Gray sand, dirty	90	96
Gray shale	96	99
Sandstone	99	103
Gray shale	103	130
Sandstone	130	131
Gray shale	131	162
Sandstone	162	164
Gray shale	164	189
Coal	189	205
Gray shale	205	215
Gray shale w/coal layers	215	219
Gray shale	219	230
Coal	230	236
Gray shale	236	246
Sandstone	246	252
Gray shale	252	260
Gray shale w/coal layers	260	270
Gray shale	270	290

(Use separate sheet if necessary.) (cont'd)

10. DATE COMPLETED December 19, 1980

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 Company — Driller's or Firm's Name — 144 Certificate No.

1059 2nd Ave. E. Dickinson — Address

[signature] — Signed by — 12/22/80 Date

DUPLICATE — BOARD'S COPY

Sandstone	290	293
Gray shale	293	300
Gray sand, fine w/coal layers	300	307
Gray shale	307	324
Sandstone	324	325
Gray shale	325	330
Coal	330	332
Gray shale	332	346
Sandstone	346	347
Shale w/coal layers	347	355
Shale, light brown	355	360
Sand, gray fine	360	390
Coal	390	392
Gray shale	392	400

RECEIVED
JAN 1981
State Water
Commission