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.

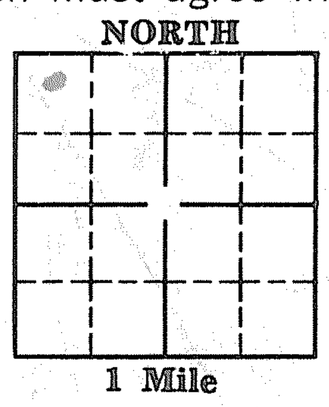
1. WELL OWNER

Name Theodore Roosevelt Nat'l Park

Address Medora, N. D.

2. WELL LOCATION Headquarters, Medora, N.D.

Sketch map location must agree with written location.



County Billings

NW ¼ NW ¼ ¼ Sec. 26 Twp. 140 N. Rg. 102 W.

3. PROPOSED USE

☐ Domestic ☐ Geothermal ☐ 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 State Lab

6. WELL CONSTRUCTION

Diameter of hole 12 ¼ inches. Depth 1162 feet.

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

If other, specify

Pipe Weight:	Diameter:	From:	To:
29 lb/ft.	8 inches	0 feet	1162 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 4 inches
(stainless steel, bronze, etc.)

Slot size Blank set from 1100 feet to 1152 feet

Slot size 18 set from 1152 feet to 1157 feet

Slot size Blank set from 1157 feet to 1172 feet

Slot size 18 set from 1172 feet to 1212 feet

Was a packer or seal used? ☐ Yes ☒ No

If so, what material

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

Was the well grouted? Yes ☒ No ☐

To what depth? 1162' Haliburton feet

Material used in grouting Cement

Well head completion: Pitless adapter Yes

12" above grade Yes Other

If other, specify

Was well disinfected upon completion? ☒ Yes ☐ No

7. WATER LEVEL

Static water level feet below land surface

If flowing: closed-in pressure 47 lbs psi

GPM flow 50 through 2 inch pipe

Controlled by: ☒ Valve & Meter ☐ Reducers ☐ Other

If other, specify See attached flow test

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	To
	0	30
Shale	30	44
Sandstone	44	48
Shale	48	62
Sandy gray	62	133
Shale	133	150
Coal	150	175
Shale	175	285
Coal	285	290
Shale	290	298
Sand, gray medium	298	333
Sandy shale	333	343
Shale	343	427
Sandstone	427	429
Shale	429	481
Sandstone	481	485
Sandy shale	485	495
Sand, fine, gray	495	519
Shale, brown	519	531
Sandstone	531	532
Shale	532	608
Sand, fine gray	608	618
Sandstone	618	619
Shale	619	626
Coal	626	632

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

10. DATE COMPLETED September 16, 1986

11. WAS WELL PLUGGED OR ABANDONED?

☐ Yes ☒ No

If so, how

12. REMARKS: (Stainless Steel Screen Cont'd)

Blank	1212	1222
18	1222	1302
Blank	1302	1307
18	1307	1322
Blank	1322	1342

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. 144 9/29/86

Driller's or Firm's Name Certificate No.

1059 2nd Ave E Dickinson, N. D.

Address

Daniel Gregory 9/29/86

Signed by Date

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

Shale	632	670
Sand	670	684
Sandstone	684	686
Shale	686	741
Sand	741	748
Shale	748	785
Sandstone	785	787
Shale	787	859
Shale, sandy	859	868
Shale	868	926
Sandstone	926	928
Shale	928	947
Sandstone	947	949
Shale	949	978
Coal	978	988
Shale, sandy	988	1014
Sand	1014	1035
Sandstone	1035	1038
Sand, coarse	1038	1061
Shale, brown	1061	1093
Sand	1093	1128
Shale	1128	1167
Sandy shale	1167	1193
Sandstone	1193	1198
Sand, gray	1198	1213
Sandstone	1213	1218
Sand, gray	1218	1242
Sand	1242	1302
Shale	1302	1343

geophysical logs
in geophysical
log file (ARW)