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

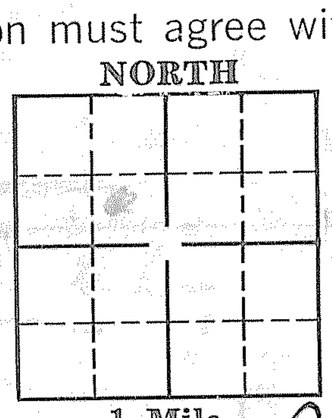
Name Marvin Brandon

Address Rhame N.D.

## 2. WELL LOCATION

Sketch map location must agree with written location.

NORTH



1 Mile

County Bowman

___ ¼ ___ ¼ NW ¼ Sec. 3 Twp. 130 N. Rg. 104 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 6¼ inches. Depth 656 feet.

Casing: ☒ Steel ☐ Plastic ☐ Concrete

☐ Threaded ☐ Welded ☐ Other

If other, specify

| Pipe Weight: | Diameter: | From: | To: |
|---|---|---|---|
| 11 lb/ft. | 4 10 inches | 0 feet | 641 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 S.S.S. Diameter 5 5/8 inches

(stainless steel, bronze, etc.)

Slot size 8 set from 641 feet to 656 feet

Slot size set from feet to 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 Steel

Type of well: Straight screen ☐ Gravel packed ☐

Was the well grouted? Yes ☒ No ☐

To what depth? 25 feet

Material used in grouting Cement

Well head completion: Pitless adapter

12" above grade — Other

If other, specify

Was well disinfected upon completion? ☒ Yes ☐ No

## 7. WATER LEVEL

Static water level 390 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:

410 ft. after 1 hrs. pumping 7 gpm

ft. after hrs. pumping gpm

ft. after hrs. pumping gpm

## 9. WELL LOG

| Formation | Depth (ft.) From | To |
|---|---|---|
| Surface Sd. | 0 | 36 |
| Sand Cr. Sd + clay | 36 | 38 |
| Sd + clay | 38 | 55 |
| Coal Shale + clay | 55 | 61 |
| fine Sd + Sdy clay | 61 | 95 |
| Grey clay Sdy | 95 | 109 |
| Coal + D Grey clay | 109 | 118 |
| fine Grey Sd | 118 | 141 |
| Clay w Coal | 141 | 149 |
| fine Gr. Sd | 149 | 178 |
| Clay | 178 | 182 |
| Coal | 182 | 194 |
| Grey clay | 194 | 216 |
| fine Grey Sd | 216 | 220 |
| Rock | 220 | 221 |
| fine Sd + Sdy clay | 221 | 271 |
| Coal | 271 | |
| Coal clay + Sd | 271 | 297 |
| fine to med Grey Sd | 297 | 342 |
| Grey clay | 342 | 371 |
| fine B W Sd | 371 | 396 |
| Clay coal + Shale | 396 | 409 |
| fine B W Sdy Shale | 409 | 470 |
| B G Shale + Clay | 470 | 535 |
| Rock | 535 | 536 |

(Use separate sheet if necessary.)

## 10. DATE COMPLETED Oct 31

## 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.

Dependable Drlg. SD 198

Driller's or Firm's Name Certificate No.

Bowman N.D.

Address

Signed by X Date Oct 31-85

DUPLICATE — BOARD'S COPY

536 - 560 Shale
560 - Rock L.
560 - 576 B.G. Shale & Rock L.
576 - 588 fine & med B.W Sd.
588 - 637 B.G. Shale
637 - 668 B.W Sd.

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Commission