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

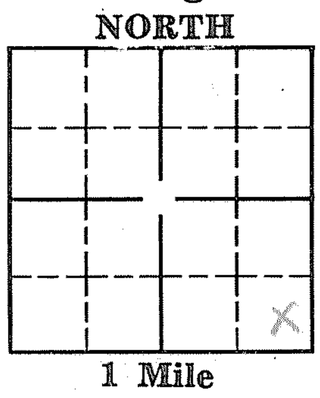
Name Ken Morse

Address Casselton, ND

2. WELL LOCATION

Sketch map location must agree with written location.

NORTH



1 Mile

County Cass

SE ¼ SE ¼ SE ¼ Sec. 1 Twp. 140 N. Rg. 53 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 Our own

6. WELL CONSTRUCTION

Diameter of hole 6 1/4 inches. Depth 518 feet.

Casing: ☒ Steel ☐ Plastic ☐ Concrete

☒ Threaded ☐ Welded ☐ Other

If other, specify

Pipe Weight:	Diameter:	From:	To:
11 lb/ft.	4 inches	+2 feet	505 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 SS (stainless steel, bronze, etc.) Diameter 3" inches

Slot size 12 set from 503 feet to 518 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 Lead

Type of well: Straight screen ☐ Gravel packed ☒

Was the well grouted? Yes ☐ No ☒

To what depth? feet

Material used in grouting

Well head completion: Pitless adapter

12" above grade Other X

If other, specify

Was well disinfected upon completion? ☒ Yes ☐ No

7. WATER LEVEL

Static water level Flow 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 air

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

(Use separate sheet if necessary.)

10. DATE COMPLETED 11-19-25

11. WAS WELL PLUGGED OR ABANDONED?

☐ Yes ☒ No

If so, how

12. REMARKS:

Test Hole #1 Well #1

13. DRILLER'S CERTIFICATION

This well was drilled under my jurisdiction and this report is true to the best of my knowledge.

Bradwichsons of ND Inc. 32

Driller's or Firm's Name Certificate No.

Fargo ND

Address

Sue Rodgers 11-22-25

Signed by Date

DUPLICATE — BOARD'S COPY

FREDERICKSON'S INC.

DRILLERS LOG

Drilled for Ken Morse by _____ Office

Location of property 4 North & 4 West of Casselton, N.D.

Test hole No 1 Location of test hole 100 S. of barn Well No. 1

Size of test hole 6¼ Date started 11-11-75 Date completed 11-19-75 Total Hours 23 3/4

FORMATIONS DRILLED

TYPE OF FORMATION	COLOR OF FORMATION	STARTED AT WHAT DEPT	ENDED AT WHAT DEPT	THICKNESS OF FORMATION
Top soil	Black	G.L.	2'	2'
Clay	Gray	2'	7'	5'
Sandy cly (soft)	Brown	7'	14'	7'
Sandy clay (hard)	Gray	14'	19'	5'
Sandy clay	Blue	19'	31'	12'
Fine sand	Blue	31'	33'	2'
Clay w/lenses of sand	Blue	33'	35'	2'
Sandy clay	Blue	35'	41½'	6½'
Fine sand	Blue	41½'	52½'	11'
Sandy clay	Blue	52½'	110½'	58'
Sand	Blue	110½'	112'	1½'
Sandy clay	Blue	112'	208½'	96½'
Rock	Colored	208½'	210'	1½'
Sand	Grey	210'	212'	2'
Sandy clay	Blue	212'	270'	58'
Sandy clay w/rock	Blue	270'	286'	16'
Rock	Blue	286'	287'	1'
Shale	Blue	287'	350'	63'
Dirty sand	Blue	350'	352'	2'
Sandy shale	Blue	352'	353'	1'
Sand	Blue	353'	356'	3'
Shale	Blue	356'	366'	10'
Sand w/lenses of shale	Blue	366'	371'	5'
Shale	Blue	371'	374'	3'
Sand	Blue	374'	375'	1'
Shale	Blue	375'	387'	12'
Dirty sand w/lenses of shale	Blue	387'	391'	4'

Signed Don Hejtmanek Driller

FREDERICKSON'S INC.

DRILLERS LOG

Drilled for Ken Morse by _____ Office

Location of property 4 North & 4 West of Casselton

Test hole No 1 Location of test hole 100' South of barn Well No. 1

Size of test hole 6½ Date started 11-11-75 Date completed 11-19-75 Total Hours 23 3/4

FORMATIONS DRILLED

TYPE OF FORMATION	COLOR OF FORMATION	STARTED AT WHAT DEPT	ENDED AT WHAT DEPT	THICKNESS OF FORMATION
Shale	Blue	391'	392'	1'
Sand (drilled dirty)		392'	297'	5'
Shale	Blue	397'	405'	8'
Sand (drilled poor)	Blue	405'	413'	8'
Sandy shale	Blue	413'	428½'	15½'
Sand drilled dirty	Blue	428½'	431'	2½'
Shale	Colored	431'	457'	26'
Sand w/lenses of shale	Colored	457'	461'	4'
Shale	Colored	461'	464'	3'
Sand w/lenses of shale	Colored	464'	468'	4'
Sand w/small lenses of shale	White/Grey	468'	479'	11'
Sand w/lenses of shale	White/Grey	479'	481½'	2½'
Sand	Grey	481½'	484½'	3'
Sand & shale	White/Grey	484½'	486½'	2'
Shale	Colored	486½'	492'	5½'
Lenses	Colored	492'	493½'	1½'
Shale	White	493½'	500½'	7'
Fair sand	Grey	500½'	520½'	20'
Hard shale	Colored	520½'	524'	3½'

Signed Don Hejtmanek Driller