STATE OF NORTH DAKOTA

BOARD OF WATER WELL CONTRACTORS

900 E. BOULEVARD AVE. DEPT. 770 • BISMARCK, NORTH DAKOTA 58505-0850

RECEIVED DEC 09 2024 ND DEPT. OF WATER RESOURCES

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: Hearthside Winery

Address: Oakes, ND

2. WELL LOCATION

Sketch map location must agree with written location.

GPS 46.1931865 -98.0693522

EL 13105908 DBC

NORTH

1 MILE

Sec. (1 mile)

County: Dickey

SW 1/4 NW 1/4 SE 1/4 Sec. 8 Twp. 131 N. Rg. 59 W.

3. PROPOSED USE

☐ Geothermal ☐ Monitoring
☑ Domestic ☐ Irrigation ☐ Industrial
☐ Stock ☐ Municipal ☐ Test Hole

4. METHOD DRILLED

☐ Cable ☐ Reverse Rotary ☐ Bored
☑ Forward Rotary ☐ Jetted ☐ 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?

6. WELL CONSTRUCTION

Diameter of hole 6 7/8 inches. Depth 142 feet.

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

If other, specify

Pipe Weight:	Diameter:	From:	To:
200 lb/ft	4 inches	0 feet	125 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 screen installed? ☑ Yes ☐ No

Material PVC Diameter 4 inches

Slot Size 15 set from 125 feet to 135 feet

Slot Size set from feet to feet

Was packer or seal used? ☐ Yes ☑ No

If so, what material Depth ft.

Type of well: Straight screen ☑ Gravel packed ☐

Depth grouted: From 0 To 110

Grouting Material: Cement Other Bentonite

If other, explain: 4 bags grout well 65 gals water

Well head completion: Pitless unit

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 19' feet below 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:

23' ft. after 2 hrs. pumping 30 gpm

ft. after hrs. pumping gpm

ft. after hrs. pumping gpm

9. WELL LOG

Formation	Depth (ft.) From	Depth (ft.) To
Topsoil	0	3
Yellow clay (sand stringers)	3	22
Blue clay med	22	125
Sand, gray, some loose layers, coarse	125	138
Clay	138	142

(Use separate sheet if necessary)

10. DATE COMPLETED 11/14/24

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.

Falk Drilling — 126

Driller's or Firm's Name — License No

Anthony

Address

Matt Falk — 11/19/24

Signed by — Date

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