STATE OF NORTH DAKOTA

BOARD OF WATER WELL CONTRACTORS

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

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. 2018

1. WELL OWNER

Name KASOWSKI GROUP

Address KARLSRUDE, ND

POTATO WAREHOUSE

2. WELL LOCATION

Sketch map location must agree with written location.

NORTH

1 MILE

Sec. (1 mile)

Building

40'

40'

County Richland

1/4 1/4 NW 1/4 Sec. 29 Twp. 13 N. Rg. 52 W.

3. PROPOSED USE

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

4. METHOD DRILLED

☐ Cable ☒ Forward Rotary ☐ Reverse Rotary ☐ Jetted ☐ Bored ☐ 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 12 1/4 inches. Depth 112 feet.

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

If other, specify

Pipe Weight:	Diameter:	From:	To:
28.55 lb/ft	8 inches	0 feet	92 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 Stainless Steel Diameter 8 inches

Slot Size 60 set from 92 feet to 112 feet

Slot Size set from feet to feet

Was packer or seal used? ☒ Yes ☐ No

If so, what material Pea Rock Depth 82-115 ft.

Type of well: Straight screen ☐ Gravel packed ☒

Depth grouted: From 0 To 82

Grouting Material: Cement Other E2 Seal

If other, explain: Hi Solids Bentonite Grout

Well head completion: Pitless unit Yes

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 32 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:

55 ft. after 1 1/2 hrs. pumping 600 gpm

ft. after hrs. pumping gpm

ft. after hrs. pumping gpm

9. WELL LOG

Formation	Depth (ft.) From	Depth (ft.) To
Brn Sand	0	16
Brn Sand + Gravel	16	55
Brn Clay	55	57
Brn Sand	57	112

(Use separate sheet if necessary)

10. DATE COMPLETED 9-21-17

11. WAS WELL PLUGGED OR ABANDONED? ☒ Yes ☐ No

If so, how quik Grout 2% Solids Bentonite Grout

12. REMARKS:

13. DRILLER'S CERTIFICATION

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

Robbie Terres / Mark J Traut Wells Inc 195

Driller's or Firm's Name Certificate No.

1411 28th Ave S Waite Park MN 56387

Address

Signed by Date

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