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.

1. WELL OWNER
Name STS AG
Address BOX 1135
TIOGA ND 58852

2. WELL LOCATION
Sketch map location must agree with written location.

NORTH
1 MILE
23
Sec. (1 mile)

15809623
BAB

County Williams
1/4 NE 1/4 NW 1/4 Sec. 23 Twp. 158 N. Rg. 96 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? CUSTOMER

6. WELL CONSTRUCTION
Diameter of hole 10 inches. Depth 88 feet.
Casing: ☒ Steel ☐ Plastic ☐ Concrete ☐ Threaded ☒ Welded ☐ Other
If other, specify

Pipe Weight:	Diameter:	From:	To:
.375 lb/ft	10.750 inches	+2 feet	85 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 5/8 inches
Slot Size .100 set from 83 feet to 88 feet
Slot Size set from feet to feet
Was packer or seal used? ☒ Yes ☐ No
If so, what material NEOPRENE Depth 82 ft.

Type of well: Straight screen ☐ Gravel packed ☐
Depth grouted: From 0 To 20
Grouting Material: Cement X Other
If other, explain:
Well head completion: Pitless unit NO
12" above grade X" Other 24"
If other, specify FLANGED WITH VALVE
Was pump installed? ☐ Yes ☒ No
Was well disinfected upon completion? ☒ Yes ☐ No

7. WATER LEVEL
Static water level feet below surface
If flowing: closed-in pressure 5 psi
GPM flow 75 through 6 inch pipe
Controlled by: ☒ Valve ☐ Reducers ☐ Other
If other, specify

8. WELL TEST DATA
☒ Pump ☐ Bailer ☐ Other
Pumping level below land surface:
73 ft. after 10 hrs. pumping 190 gpm
ft. after hrs. pumping gpm
ft. after hrs. pumping gpm

9. WELL LOG

Formation	Depth (ft.) From	Depth (ft.) To
TOPSOIL	0	2
SANDY CLAY	2	6
GREY CLAY	6	18
SAND & GRAVEL	18	21
GREY CLAY	21	30
SAND & GRAVEL (WATER)	30	33
GREY CLAY	33	52
SAND & GRAVEL	52	56
2"-3" GRAVEL	56	58
OXIDEIZED SANDSTONE	58	72
GREY CLAY	72	85
COAL, WATER	85	88
GREY CLAY	88	89

(Use separate sheet if necessary)

10. DATE COMPLETED MAY 17, 2013

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.

DIAMOND M DRILLING INC — 200
Driller's or Firm's Name — Certificate No.
PO BOX 1124 BOZEMAN MT 59771
Address
Signed by — 5-18-13 Date

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