WELL DRILLER'S REPORT
NORTH DAKOTA BOARD OF WATER WELL CONTRACTORS
STATE OF NORTH DAKOTA
SFN 60273 (11/2012)

ND Board of Water Well Contractors • 900 E. Boulevard Ave. - Dept. 770 • Bismarck, ND, 58505-0850
State law requires that this report be filed wit the State Board of Water Well Contractors within 30 days after completion or abandonment of the well.

WELL OWNER
Name: City of Minot
Address: 515 2nd Ave SW, PO Box 5006, Minot ND 58702

WELL LOCATION
Sketch map location must agree with written location.

County: Ward

1/4	1/4	1/4
	SE	NE
Township	Range	Section
155N	83W	22

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

METHOD DRILLED
☐ Cable ☐ Jetted ☒ Forward Rotary ☐ Reverse Rotary
☐ Bored ☐ Auger ☐ If other, specify

WATER QUALITY
Was a water sample collected for
Chemical Analysis? ☒ Yes ☐ No
Bacteriological Analysis? ☒ Yes ☐ No
If so, to what laboratory was it sent? MVTL, Bismarck, ND

WELL CONSTRUCTION
Diameter of hole in inches: 17.5"
Depth in feet: 117'
Casing:
☒ Steel ☐ Plastic ☐ Concrete ☐ Other
☐ Threaded ☐ Welded ☐ If other, specify

Pipe Weight	Diameter	From	To
lb/ft	inches 12	feet 0	feet 92'
lb/ft	inches	feet	feet
lb/ft	inches	feet	feet

Was perforated pipe used? ☐ Yes ☒ No
Perforated pipe set from in feet:
To in feet:
Was casing left open end? ☐ Yes ☒ No
Was a well screen installed? ☒ Yes ☐ No
Material: Stainless steel
Diameter in inches: 12" - Telescoping

Slot Size	Set from in feet	To in feet
50	92	117

Was packer or seal used? ☒ Yes ☐ No
If so, what material: K Packer
Depth in feet: 87'
Type of well: ☐ Straight screen ☒ Gravel packed

Depth grouted	From	To
	0	90'

Grouting Material	Cement	Other
		Bentonite

If other, explain:
Well head completion: Pitless unit
Yes
12" above grade
Other
If other, specify

Was pump installed? ☒ Yes ☐ No
Was well disinfected upon completion? ☒ Yes ☐ No

WATER LEVEL
Static water level (in feet) below surface: 59'
If flowing, closed-in pressure in psi
GPM flow Through inch pipe
Controlled by ☐ Valve ☐ Reducers ☐ Other ☐ If other, specify

WELL TEST DATA
☒ Pump ☐ Bailer ☐ Other
Pumping level below land surface

Feet after	Hrs. pumping	gpm
90' 5 1/2"	24	465
Feet after	Hrs. pumping	gpm
Feet after	Hrs. pumping	gpm

WELL LOG

Formation	Depth (ft.) From	Depth (ft.) To
Fill	0	1
Top soil - silty	1	2
Clay - silty - Brown	2	26
Clay - silty - Gray	26	30
Clay	30	38
Sand - fine and Coal	38	65
Sand - medium to fine - and Coal	65	90
Sand - fine to coarse	90	100
Sand/gravel mix - medium hard - Brown	100	109
Sand/gravel mix - hard - Brown	109	116
Rocks/refusal - hard	116	117

(Use separate sheet if necessary)

DATE COMPLETED 04/25/2017

WAS WELL PLUGGED OR ABANDONED?
☐ Yes ☒ No
If so, how

REMARKS
Well 12B

Well placed in service May 2017

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

Driller's or Firm's Name: Thein Well Co. Inc.
Certificate Number: 72
Address: PO Box 778, Spicer MN 56288
Signed by:
Date: 05/05/2017

COPY FOR BOARD COPY FOR DRILLER COPY FOR CUSTOMER