Minnesota Unique Well Number

163052

County Kandiyohi
Quad Thorpe
Quad ID 110A

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date 04/11/1988
Update Date 09/29/2017
Received Date

Well Name	Township	Range	Dir	Section	Subsection
BOMSTAD,	117	33	W	21	BBCADB

Elevation 1112 **Elev. Method** LiDAR 1m DEM (MNDNR)

Address

Well 19733 150TH ST SE LAKE LILLIAN MN 56253

Stratigraphy Information

Geological Material	From	To (ft.)	Color	Hardness
TOP SOIL	0	2	BLACK	
CLAY	2	21	YELLOW	
VERY SANDY CLAY	21	61	BLUE	
SAND, LIMESTONE	61	66	GRAY	
SANDY CLAY	66	160	BLUE	
CLAY, LENSES OF	160	163	BLUE	
FINE SAND	163	165	BLUE	
SANDY CLAY	165	212	BLUE	
SANDY CLAY	212	232	GREEN	
CLAY, LENSES OF	232	242	BLUE	
VERY SANDY CLAY	242	261	BLUE	
FINE SAND	261	272	BLUE	

Remarks

SEALED 06-15-2017 BY 1337

Well Depth 272 ft. **Depth Completed** 272 ft. **Date Well Completed** 04/09/1979

Drill Method Non-specified Rotary **Drill Fluid**

Use domestic **Status** Sealed

Well Hydrofractured? **Yes** ☐ **No** ☐ **From** **To**

Casing Type Single casing **Joint** Threaded
Drive Shoe? **Yes** ☐ **No** ☐ **Above/Below** 2 ft.

Casing Diameter **Weight**
4 in. To 268 ft. 11 lbs./ft.

Open Hole From ft. To ft.

Screen? ☒ **Type** stainless **Make** JOHNSON

Diameter	Slot/Gauze	Length	Set
4 in.	12	4 ft.	268 ft. 272 ft.

Static Water Level
35 ft. land surface Measure 04/09/1979

Pumping Level (below land surface)
35 ft. 3.5 hrs. Pumping at 75 g.p.m.

Wellhead Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

Grouting Information Well Grouted? ☐ Yes ☒ No ☐ Not Specified

Nearest Known Source of Contamination
50 feet Southeas Direction Septic tank/drain field Type
Well disinfected upon completion? ☒ Yes ☐ No

Pump ☐ Not Installed Date Installed 04/16/1979
Manufacturer's name DEMPSTER
Model Number MBF3-50S2 HP 0.5 Volt 230
Length of drop pipe 42 ft Capacity 12 g.p. Typ Submersible

Abandoned
Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance
Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Miscellaneous
First Bedrock Aquifer Quat. buried
Last Strat sand-gray Depth to Bedrock ft
Located by Minnesota Geological Survey
Locate Method GPS SA Off (averaged) (15 meters)
System UTM - NAD83, Zone 15, Meters X 355025 Y 4977206
Unique Number Verification Site Plan Input Date 08/26/2015

Angled Drill Hole

Well Contractor
Fredrickson's 08317 NASS, R.
Licensee Business Lic. or Reg. No. Name of Driller