Minnesota Unique Well Number

189122

County St. Louis
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING REPORT
Minnesota Statutes Chapter 1031

Entry Date 02/22/1988
Update Date 04/19/2018
Received Date

Well Name	Township	Range	Dir	Section	Subsection
DELZOTTE, BILL	null	null	nul	null	null

Elevation **Elev. Method**

Address

Contact DULUTH MN

Stratigraphy Information

Geological Material	From	To (ft.)	Color	Hardness
DIRT, GRAVEL	0	6	BROWN	SOFT
FINE SAND	6	45	BROWN	SOFT
CLAY SAND FINE	45	69	BROWN	SOFT
CLAY	69	189	RED	MEDIUM
FINE SAND	189	220	BROWN	SOFT
CLAY	220	240	LT. BRN	SOFT
CLAY, SAND	240	260	BROWN	MEDIUM
SAND, GRAVEL,	260	265	BLACK	MEDIUM

Remarks

NO ADDRESS OR LOCATION GIVEN ON LOG - DULUTH, MN.
DRILLING METHOD; ROTARY/ AIR.

Well Depth 265 ft. **Depth Completed** 265 ft. **Date Well Completed** 03/23/1983

Drill Method Air Rotary **Drill Fluid**

Use domestic **Status** Active

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

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

Casing Diameter **Weight**
0 in. To 265 ft. 18.97 lbs./ft.

Open Hole From 265 ft. To 265 ft.

Screen? ☐ **Type** **Make**

Static Water Level
40 ft. land surface Measure 03/23/1983

Pumping Level (below land surface)
ft. hrs. Pumping at 30 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
100 feet Direction Septic tank/drain field Type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☒ Not Installed Date Installed
Manufacturer's name
Model Number HP Volt
Length of drop pipe ft Capacity g.p. Typ

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
Last Strat Depth to Bedrock ft
Located by
Locate Method
System UTM - NAD83, Zone 15, Meters X Y
Unique Number Verification Input Date

Angled Drill Hole

Well Contractor
Graves Well Co. 69090 KUPELA, P.
Licensee Business Lic. or Reg. No. Name of Driller