Minnesota Unique Well Number

189120

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
NELSON, DALE	null	null	nul	null	null

Elevation **Elev. Method**

Address

C/W 1993 PIONEER RD DULUTH MN 55803

Stratigraphy Information

Geological Material	From	To (ft.)	Color	Hardness
SAND	0	20	RED	SOFT
SAND & GRAVEL	20	50	RED	SOFT
GRAVEL & AQUIFER	50	54	BLACK	MEDIUM

Remarks

DRILLING METHOD: AIR/ROTARY.

Well Depth	Depth Completed	Date Well Completed
54 ft.	53 ft.	02/10/1983

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	Hole Diameter
6 in. To 54 ft.	18.97 lbs./ft.	6 in. To 54 ft.

Open Hole From 53 ft. To 54 ft.

Screen? ☐ **Type** **Make**

Static Water Level

21 ft. land surface Measure 02/10/1983

Pumping Level (below land surface)

ft. hrs. Pumping at 5 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

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