Minnesota Unique Well Number

854215

County Douglas
Quad Osakis
Quad ID 179C

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date 11/19/2021
Update Date 11/19/2021
Received Date 10/28/2021

Well Name	Township	Range	Dir	Section	Subsection
PAUL	128	36	W	26	BDDCBC

Elevation 1368 **Elev. Method** LiDAR 1m DEM (MNDNR)

Address

Well 15189 82 CR SE OSAKIS MN 56360

Stratigraphy Information

Geological Material	From	To (ft.)	Color	Hardness
CLAY	0	10	YELLOW	SOFT
CLAY	10	20	BROWN	SOFT
CLAY	20	60	BLUE	SOFT
CLAY STREAKS	60	75	BLUE	HARD
CLAY	75	106	BLUE	HARD
GRAVEL COARSE	106	122	WHITE	

Remarks

Well Depth 122 ft. **Depth Completed** 122 ft. **Date Well Completed** 10/19/2021

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

Use domestic **Status** Active

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

Casing Type Single casing **Joint**
Drive Shoe? **Yes** ☐ **No** ☐ **Above/Below**

Casing Diameter		Weight	Hole Diameter	
4 in. To 114 ft.		lbs./ft.	8.5 in. To 22 ft.	
			7.5 in. To 122 ft.	

Open Hole From ft. To ft.

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

Diameter	Slot/Gauze	Length	Set	
4 in.	18	8 ft.	114 ft.	122 ft.

Static Water Level
35 ft. land surface Measure 10/19/2021

Pumping Level (below land surface)
114 ft. 2 hrs. Pumping at 50 g.p.m.

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

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

Material	Amount	From	To
bentonite		ft.	50 ft.

Nearest Known Source of Contamination
5 feet South Direction Sewer Type
Well disinfected upon completion? ☒ Yes ☐ No

Pump ☐ Not Installed Date Installed 10/21/2021
Manufacturer's name GRUNDFOS
Model Number HP 0.5 Volt 220
Length of drop pipe 60 ft Capacity 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 gravel (+larger)-white Depth to Bedrock ft
Located by Minnesota Geological Survey
Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or
System UTM - NAD83, Zone 15, Meters X 331284 Y 5081686
Unique Number Verification Address verification Input Date 11/19/2021

Angled Drill Hole

Well Contractor
Dons Pump and Well Service 1451 BAKER, L.
Licensee Business Lic. or Reg. No. Name of Driller