Minnesota Unique Well Number

628317

County Todd
Quad Long Prairie
Quad ID 178A

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING REPORT

Entry Date 02/29/2000
Update Date 01/30/2014
Received Date

Well Name	Township	Range	Dir	Section	Subsection
KRAUEL,	129	33	W	21	CAACCD

Elevation 1355 ft. **Elev. Method** 7.5 minute topographic map (+/- 5 feet)

Address

Well 23367 287 SH LONG PRAIRIE MN 56347
Contact 32165 61ST AV ST CLOUD MN 56303

Stratigraphy Information

Geological Material	From	To (ft.)	Color	Hardness
SANDY CLAY	0	30	YELLOW	MEDIUM
CLAY	30	153	BLUE	MEDIUM
CLAY	153	170	BLUE	HARD
CLAY	170	190	BLUE	MEDIUM
CLAY	190	193	RED	SOFT
CLAY	193	210	BLUE	HARD
CLAY	210	285	BLUE	MEDIUM
CLAY	285	292	BLUE	HARD
SAND	292	306	BLUE	SOFT
SAND	306	306		

Remarks

Well Depth 306 ft. **Depth Completed** 306 ft. **Date Well Completed** 05/19/1999

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
5 in. To 298 ft.	lbs./ft.	9 in. To 306 ft.

Open Hole From ft. To ft.

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

Diameter	Slot/Gauze	Length	Set Between
5 in.	18	8 ft.	298 ft. 306 ft.

Static Water Level
63 ft. land surface Measure Date 05/19/1999

Pumping Level (below land surface)
298 ft. after 1 hrs. Pumping at 400 g.p.m.

Wellhead Completion
Pitless adapter manufacturer MAASS Model 5JC1
☐ 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
high solids bentonite		0 ft.	30 ft.
cuttings		30 ft.	295 ft.

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

Pump ☐ Not Installed Date Installed 11/03/1999
Manufacturer's name MYERS
Model Number 7N12 HP 0.5 Volt 220
Length of drop pipe 160 ft Capacity g.p.m. Type Submersible

Abandoned Wells
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 artes.
Last Strat sand Depth to Bedrock ft.
Located by Minnesota Geological Survey
Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or better)
System UTM - NAD83, Zone 15, Meters X 356896 Y 5092108
Unique Number Verification Address verification Input Date 11/11/2003

Angled Drill Hole

Well Contractor Certification
Atkinson Well Co. 73025 TOENYAN, J.
Licensee Business Name Lic. or Reg. No. Name of Driller