Minnesota Unique Well Number

433356

County Todd
Quad Round
Quad ID 178B

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING REPORT

Entry Date 01/04/1990
Update Date 02/14/2014
Received Date

Well Name	Township	Range	Dir	Section	Subsection
WORMS	129	33	W	19	DDCBAD

Elevation 1331 ft. **Elev. Method** 7.5 minute topographic map (+/- 5 feet)

Address

Well 23508 230TH ST LONG PRAIRIE MN

Stratigraphy Information

Geological Material	From	To (ft.)	Color	Hardness
TOP SOIL	0	4		
SAND	4	14		
CLAY	14	39	YELLOW	
CLAY	39	51	BLUE	
SAND	51	60	BLUE	
CLAY	60	61	BLUE	

Remarks

Well Depth 61 ft. **Depth Completed** 61 ft. **Date Well Completed** 04/13/1987

Drill Method Cable Tool **Drill Fluid**

Use domestic **Status** Active

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

Casing Type Single casing **Joint** Threaded
Drive Shoe? Yes ☒ No ☐ **Above/Below** 1 ft.

Casing Diameter			Weight	
6	in. To	51	ft. 19.45	lbs./ft.

Open Hole From ft. To ft.

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

Diameter		Slot/Gauze	Length		Set Between			
6	in.	30	4	ft.		ft.	60	ft.
6	in.	20	4	ft.	51	ft.	60	ft.

Static Water Level
6 ft. land surface Measure Date 04/13/1987

Pumping Level (below land surface)
7 ft. after 1 hrs. Pumping at 45 g.p.m.

Wellhead Completion
Pitless adapter manufacturer BAKER Model MONITOR
☐ 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
feet Direction Type
Well disinfected upon completion? ☒ Yes ☐ No

Pump ☐ Not Installed Date Installed 04/23/1987
Manufacturer's name GRUNDFOS
Model Number SP16-3 HP 3 Volt 220
Length of drop pipe 32 ft Capacity 100 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 clay-gray 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 354322 Y 5091700
Unique Number Verification Information from Input Date 12/03/2003

Angled Drill Hole

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