Minnesota Unique Well Number

113141

County Becker
Quad Frazee
Quad ID 237B

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

Entry Date 09/08/1990
Update Date 02/14/2014
Received Date

Well Name	Township	Range	Dir	Section	Subsection
WINKELMAN,	138	39	W	30	AABCBB

Elevation 1381 **Elev. Method** 7.5 minute topographic map (+/- 5 feet)

Address

Stratigraphy Information

Geological Material	From	To (ft.)	Color	Hardness
TOP SOIL	0	3	BLACK	SOFT
CLAY	3	8	GRAY	
SANDY ROCKY CLAY	8	12	BROWN	HARD
CLAY	12	40	GRAY	SOFT
SAND	40	47	GRAY	MEDIUM

Remarks

Well Depth 47 ft. **Depth Completed** 46 ft. **Date Well Completed** 05/14/1980

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**
4 in. To 42 ft. 11 lbs./ft.

Open Hole From ft. To ft.

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

Diameter	Slot/Gauze	Length	Set	
4 in.	15	4 ft.	42 ft.	46 ft.

Static Water Level
-3 ft. land surface Measure 05/04/1980

Pumping Level (below land surface)

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
65 feet Northeas Direction Septic tank/drain field Type
Well disinfected upon completion? ☒ Yes ☐ No

Pump ☒ Not Installed Date Installed
Manufacturer's name
Model Number HP 0 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 Quat. buried
Last Strat sand-gray Depth to Bedrock ft
Located by Minnesota Geological Survey
Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table)
System UTM - NAD83, Zone 15, Meters X 297378 Y 5180070
Unique Number Verification Plat Book Input Date 01/15/1998

Angled Drill Hole

Well Contractor

Licensee Business	Lic. or Reg. No.	Name of Driller
C.c.w. Construction	80297	WINGARD, C.