

564765

County Hubbard
Quad Guthrie
Quad ID 302D

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

Entry Date 05/21/1996
Update Date 06/30/2016
Received Date

Well Name WILLET, JAMES	Township 145	Range 32	Dir Section W 28	Subsection CBBFDA
Elevation 1360	Elev. Method LiDAR 1m DEM (MNDNR)			
Address C/W RR 1 BOX 267 GUTHRIE MN 56451				
Stratigraphy Information				
Geological Material		From	To (ft.)	Color Hardness
CLAY		0	55	BROWN MEDIUM
SAND		55	64	BROWN SOFT
Well Depth 87 ft.		Depth Completed 87 ft.		Date Well Completed 06/03/1995
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 4 in. To 83 ft.		Weight lbs./ft.		Hole Diameter 8 in. To 87 ft.
Open Hole				
Screen? ☒		Type stainless		Make JOHNSON
Diameter Slot/Gauze		Length		Set
2 in. 12		4 ft.		83 ft. 87 ft.
Static Water Level				
30 ft.		land surface		Measure 06/03/1995
Pumping Level (below land surface)				
45 ft.		1 hrs. Pumping at		20 g.p.m.
Wellhead Completion				
Pitless adapter manufacturer		MONITOR		Model SNAPPY
☐ 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		2 Sacks		8 ft. 30 ft.
Nearest Known Source of Contamination				
70 feet		Northeas Direction		Septic tank/drain field Type
Well disinfected upon completion?		☒ Yes ☐ No		
Pump				
☐ Not Installed		Date Installed 06/03/1995		
Manufacturer's name		STA-RITE		
Model Number		2000	HP 0.5	Volt 230
Length of drop pipe		50 ft	Capacity 10 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		sand-brown		Depth to Bedrock ft
Located by		Minnesota Geological Survey		
Locate Method		GPS SA Off (averaged) (15 meters)		
System		UTM - NAD83, Zone 15, Meters		X 367415 Y 5244823
Unique Number Verification		Tax Records		Input Date 12/28/1999
Angled Drill Hole				
Well Contractor				
Aqua Well Drilling		04463		PLATT, R.
Licensee Business		Lic. or Reg. No.		Name of Driller