

597521

County Isanti
Quad Crown
Quad ID 136B

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

Entry Date 09/24/1999
Update Date 01/07/2015
Received Date 08/22/1997

Well Name PATTOCK, RICH	Township 35	Range 25	Dir W	Section 31	Subsection AACADC
Elevation 970 ft.	Elev. Method LiDAR 1m DEM (MNDNR)				
Address Well 28342 TIGER ST NW ZIMMERMAN MN 55398					
Stratigraphy Information					
Geological Material		From	To (ft.)	Color	Hardness
SAND		0	7	BROWN	
SANDY CLAY		7	38	BROWN	
SAND & GRAVEL		38	65	BRN/BLK	
CLAY		65	90	GRAY	
CLAY & GRAVEL		90	125	GRAY	
WATER & SAND		125	139	GRAY	
Well Depth 139 ft.					
Depth Completed 139 ft.					
Date Well Completed 08/15/1997					
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 135 ft.					
Weight lbs./ft.					
Hole Diameter 8.5 in. To 30 ft. 6.5 in. To 139 ft.					
Open Hole From ft. To ft.					
Screen? ☒ Type stainless Make WESCO					
Diameter 4 in.		Slot/Gauze 10		Length 4 ft.	
				Set 135 ft.	
				To 139 ft.	
Static Water Level 20 ft. land surface Measure 08/01/1997					
Pumping Level (below land surface) ft. hrs. Pumping at 60 g.p.m.					
Wellhead Completion Pitless adapter manufacturer WHITEWATER Model					
☐ Casing Protection ☐ 12 in. above grade					
☐ At-grade (Environmental Wells and Borings ONLY)					
Grouting Information Well Grouted? ☒ Yes ☐ No ☐ Not Specified					
Material high solids bentonite		Amount 2 Sacks		From To ft. 30 ft.	
Nearest Known Source of Contamination 50 feet West Direction Septic tank/drain field Type					
Well disinfected upon completion? ☒ Yes ☐ No					
Pump ☐ Not Installed Date Installed 08/15/1997					
Manufacturer's name STA-RITE					
Model Number		HP 0.5		Volt	
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 sand-gray		Depth to Bedrock		ft	
Located by Minnesota Geological Survey					
Locate Method GPS SA Off (averaged) (15 meters)					
System UTM - NAD83, Zone 15, Meters		X 461363		Y 5036813	
Unique Number Verification		Address verification		Input Date 11/14/2014	
Angled Drill Hole					
Well Contractor					
Torgerson Well Co.		27056		JORGENSEN, D	
Licensee Business		Lic. or Reg. No.		Name of Driller	