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County Cass
Quad Baxter
Quad ID 212D

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

Entry Date 11/17/2011
Update Date 02/18/2015
Received Date 09/26/2011

Well Name TOM PETRON	Township 133	Range 29	Dir Section W 18	Subsection DACABC	Well Depth 57 ft.	Depth Completed 57 ft.	Date Well Completed 09/15/2011
Elevation 1194	Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary	Drill Fluid Qwik gel
Address Well N/A 210 SH MN					Use irrigation	Status Active	
Stratigraphy Information Geological Material From To (ft.) Color Hardness TOP SOIL 0 2 BLACK SOFT SAND 2 20 BROWN MEDIUM FINE/SAND 20 35 BROWN SOFT SAND 35 50 BROWN MEDIUM SAND 50 57 GRAY MEDIUM					Well Hydrofractured? Yes ☐ No ☒ From To		
					Casing Type Single casing Joint		
					Drive Shoe? Yes ☐ No ☒ Above/Below		
					Casing Diameter 12 in. To 42 ft. Weight lbs./ft. Hole Diameter 18 in. To 57 ft.		
					Open Hole From ft. To ft.		
					Screen? ☒ Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 12 in. 70 15 ft. 42 ft. 57 ft.		
					Static Water Level 8 ft. land surface Measure 09/15/2011		
					Pumping Level (below land surface) 56 ft. 3 hrs. Pumping at 750 g.p.m.		
					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 Material Amount From To bentonite 6 Sacks ft. 32 ft.		
Nearest Known Source of Contamination feet Direction Type Well disinfected upon completion? ☐ Yes ☒ No							
Pump ☒ Not Installed Date Installed Manufacturer's name Model Number HP 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. Water 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 394327 Y 5131747 Unique Number Verification Other, note in Input Date 08/27/2014							
Angled Drill Hole							
Well Contractor Steven M Traut Wells, Inc. 1889 DEAN/RICK Licensee Business Lic. or Reg. No. Name of Driller							