

179810

County Morrison
Quad Royalton
Quad ID 176D

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

Entry Date 02/27/1989
Update Date 03/10/2014
Received Date

Well Name DAVID KLOSS				Township 39	Range 32	Dir W	Section 33	Subsection AACCCDB	Well Depth 109 ft.				Depth Completed 109 ft.				Date Well Completed 03/24/1982			
Elevation 1079				Elev. Method 7.5 minute topographic map (+/- 5 feet)				Drill Method Cable Tool				Drill Fluid								
Address									Use irrigation				Status Active							
									Well Hydrofractured? Yes ☐ No ☐				From To							
									Casing Type Single casing				Joint							
Stratigraphy Information Geological Material From To (ft.) Color Hardness FINE SAND 0 12 SAND & ROCKS 12 35 FINE SAND 35 65 FINE TO MED. SAND 65 104 COARSE SAND 104 109 CLAY 109 109									Drive Shoe? Yes ☐ No ☐				Above/Below 0 ft.							
									Casing Diameter 16 in. To 81 ft. 62.58 lbs./ft.											
									Open Hole From ft. To ft.											
									Screen? ☒ Type stainless				Make JOHNSON							
									Diameter Slot/Gauze Length Set											
									12 in. 50 ft. 109 ft.											
									12 in. 20 ft. 81 ft.											
									12 in. 20 ft. ft.											
									Static Water Level 29 ft. land surface Measure 03/24/1982											
									Pumping Level (below land surface) 50 ft. 4 hrs. Pumping at 912 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																				
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 Q 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 clay Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 396673 Y 5076383 Unique Number Verification Information from Input Date 07/30/2010																				
Angled Drill Hole																				
Well Contractor Hydro Engineering 10318 OWEN, D. Licensee Business Lic. or Reg. No. Name of Driller																				
Remarks FORMER OWNER: HORSESHOE LAKE FARMS, INC.																				