

627584

County Brown
Quad Hanska
Quad ID 57B

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

Entry Date 04/21/2000
Update Date 11/19/2013
Received Date

Well Name Township Range Dir Section Subsection MERKEL, JERRY 109 30 W 21 DADCAA					Well Depth 214 ft.		Depth Completed 214 ft.		Date Well Completed 12/11/1999	
Elevation 986 ft. Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary		Drill Fluid Bentonite			
Address Contact 18303 SPEARL AV SEARLES MN 56084					Use domestic				Status Active	
Stratigraphy Information Geological Material From To (ft.) Color Hardness SOIL 0 3 BLACK SOFT SAND & CLAY 3 6 BROWN SOFT SAND 6 10 BLACK SOFT CLAY SANDY 10 30 BLUE SOFT SANDY MUSKY CLAY 30 45 BLUE SOFT SANDY CLAY 45 83 BLUE SOFT CLAY FIRM 83 202 GRAY SOFT MED. FINE SAND 202 214 GRAY SOFT					Well Hydrofractured? Yes ☐ No ☒		From		To	
					Casing Type Single casing		Joint Welded			
					Drive Shoe? Yes ☐ No ☒		Above/Below			
					Casing Diameter 5 in. To 209 ft.		Weight lbs./ft.		Hole Diameter 9 in. To 214 ft.	
					Open Hole From ft. To ft.					
					Screen? ☒		Type stainless		Make JOHNSON	
					Diameter 5 in.		Slot/Gauze 15		Length 7.3 ft.	
									Set 209 ft.	
									ft. 214 ft.	
										Static Water Level 78 ft. land surface
					Pumping Level (below land surface) ft. hrs. Pumping at		160		g.p.m.	
					Wellhead Completion Pitless adapter manufacturer MONITOR 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 13 Sacks		From 0 ft. To 120 ft.	
					Nearest Known Source of Contamination 40 feet Northeas Direction				Old/other well Type	
					Well disinfected upon completion? ☒ Yes ☐ No					
					Pump ☐ Not Installed Date Installed 12/15/1999					
					Manufacturer's name AERMOTOR					
					Model Number A12B50 HP 0.5 Volt 230					
					Length of drop pipe 100 ft Capacity 12 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 sand-gray Aquifer Quat. buried ft					
					Last Strat sand-gray 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 385485 Y 4898366					
					Unique Number Verification Tax Records Input Date 05/21/2012					
					Angled Drill Hole					
					Well Contractor Searles Well Co. 08258 SCHAEFER, D.					
					Licensee Business Lic. or Reg. No. Name of Driller					
Remarks SEARLES BLK 2 LOTS 1-4.										
Minnesota Well Index Report					627584				Printed on 10/02/2026 HE-01205-15	