

429375

County Norman
Quad Perley
Quad ID 286A

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

Entry Date 11/21/1990
Update Date 01/08/2014
Received Date

Well Name NELSON,				Township 143	Range 49	Dir W	Section 36	Subsection ADBCDA	Well Depth 180 ft.				Depth Completed 173 ft.				Date Well Completed 04/23/1987			
Elevation 873 ft.				Elev. Method 7.5 minute topographic map (+/- 5 feet)				Drill Method Non-specified Rotary				Drill Fluid Bentonite								
Address C/W RR 1 PERLEY MN 56519									Use domestic				Status Active							
Stratigraphy Information Geological Material From To (ft.) Color Hardness SOIL 0 1 BLACK CLAY 1 19 BROWN CLAY 19 98 BLUE SANDY CLAY 98 105 BLUE SAND 105 108 VARIED SANDY CLAY 108 110 BLUE SAND 110 112 VARIED SANDY CLAY 112 118 BLUE SAND 118 120 VARIED SANDY CLAY 120 121 BLUE SAND 121 122 VARIED SANDY CLAY 122 124 BLUE SAND 124 127 GRAY SANDY CLAY 127 128 BLUE SAND 128 129 GRAY CLAY 129 130 BLUE SAND 130 180 GRAY									Well Hydrofractured? Yes ☐ No ☐ From To											
									Casing Type Single casing				Joint							
									Drive Shoe? Yes ☐ No ☒ Above/Below 2.5 ft.											
									Casing Diameter Weight Hole Diameter 4 in. To 168 ft. lbs./ft. 6 in. To 180 ft.											
									Open Hole From ft. To ft.											
									Screen? ☒ Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 4 in. 10 5 ft. 168 ft. 173 ft.											
									Static Water Level											
									Pumping Level (below land surface) 26 ft. 3.2 hrs. Pumping at 100 g.p.m.											
									Wellhead Completion Pitless adapter manufacturer MONITOR Model 4X5 ☐ 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 neat cement 0 10 ft. 30 ft.											
Nearest Known Source of Contamination feet Direction Type Well disinfected upon completion? ☐ Yes ☐ No																				
Pump ☐ Not Installed Date Installed <u>04/23/1987</u> Manufacturer's name BERKELEY Model Number <u>10M60705</u> HP <u>0.5</u> Volt <u>230</u> Length of drop pipe <u>63</u> 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 Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters X 210362 Y 5230037 Unique Number Verification Name on mailbox Input Date 09/21/1994																				
Angled Drill Hole																				
Well Contractor Ltp Enterprises 91353 SCHROEDER, F. Licensee Business Lic. or Reg. No. Name of Driller																				
Remarks TEST HOLE 1 IS WELL 1.									Well Contractor											