

194243

County Dakota
Quad Miesville
Quad ID 87D

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

Entry Date 03/30/1990
Update Date 02/14/2014
Received Date

Well Name OTTO, JERRY	Township 113	Range 17	Dir Section W 9	Subsection DDDAAD	Well Depth 395 ft.	Depth Completed 395 ft.	Date Well Completed 11/17/1983
Elevation 980 ft. Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary	Drill Fluid	
Address C/W 20 HY HASTINGS MN 55033					Use domestic	Status Active	
Stratigraphy Information Geological Material From To (ft.) Color Hardness CLAY 0 12 BROWN MEDIUM SANDROCK 12 85 WHITE SOFT LIMEROCK 85 340 YELLOW HARD SANDROCK 340 395 GRAY MEDIUM					Well Hydrofractured? Yes ☐ No ☐ From To		
					Casing Type Step down Joint Welded		
					Drive Shoe? Yes ☒ No ☐ Above/Below 1 ft.		
					Casing Diameter Weight Hole Diameter		
					4 in. To 362 ft. 10.79 lbs./ft. 12 in. To 12 ft.		
					8 in. To 12 ft. lbs./ft. 8 in. To 362 ft.		
					4 in. To 395 ft.		
					Open Hole From 362 ft. To 395 ft.		
					Screen? ☐ Type Make		
					Static Water Level 143 ft. land surface Measure 11/17/1983		
Pumping Level (below land surface) 143 ft. 24 hrs. Pumping at 15 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 neat cement 5.5 Cubic yards 0 ft. 362 ft.							
Nearest Known Source of Contamination 90 feet West Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No							
Pump ☐ Not Installed Date Installed 11/17/1983 Manufacturer's name MCDONALD Model Number 4D10015 HP 1 Volt 230 Length of drop pipe 168 ft Capacity 10 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 St.Peter Sandstone Aquifer Jordan Last Strat Jordan Sandstone Depth to Bedrock 12 ft Located by Minnesota Geological Survey Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters X 511624 Y 4938796 Unique Number Verification Information from Input Date 01/01/1990							
Angled Drill Hole							
Well Contractor Maher Well Co. 19301 RANISATE, J. Licensee Business Lic. or Reg. No. Name of Driller							