

520963

County Clay
Quad Sabin
Quad ID 262C

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

Entry Date 05/10/1993
Update Date 03/10/2014
Received Date

Well Name MEIXNER,	Township 138	Range 48	Dir W	Section 24	Subsection CBCCAC	Well Depth 145 ft.	Depth Completed 140 ft.	Date Well Completed 10/07/1992																																																							
Elevation 919 ft.	Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Cable Tool	Drill Fluid Bentonite																																																								
Address Well 9712 50TH AV S MOORHEAD MN 56560						Use domestic			Status Active																																																						
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>TOP SOIL</td><td>0</td><td>2</td><td>BLACK</td><td></td></tr><tr><td>CLAY</td><td>2</td><td>7</td><td>BROWN</td><td></td></tr><tr><td>CLAY</td><td>7</td><td>13</td><td>GRAY</td><td></td></tr><tr><td>CLAY</td><td>13</td><td>111</td><td>BLUE</td><td></td></tr><tr><td>SAND</td><td>111</td><td>113</td><td>BROWN</td><td></td></tr><tr><td>SANDY CLAY</td><td>113</td><td>120</td><td>BLUE</td><td></td></tr><tr><td>SAND COBBLES WITH</td><td>120</td><td>122</td><td>BROWN</td><td></td></tr><tr><td>SAND COARSE</td><td>122</td><td>140</td><td>VARIED</td><td></td></tr><tr><td>CLAY</td><td>140</td><td>142</td><td>BLUE</td><td></td></tr><tr><td>SAND WITH LENSES</td><td>142</td><td>145</td><td>BLUE</td><td></td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	2	BLACK		CLAY	2	7	BROWN		CLAY	7	13	GRAY		CLAY	13	111	BLUE		SAND	111	113	BROWN		SANDY CLAY	113	120	BLUE		SAND COBBLES WITH	120	122	BROWN		SAND COARSE	122	140	VARIED		CLAY	140	142	BLUE		SAND WITH LENSES	142	145	BLUE		Well Hydrofractured? Yes ☐ No ☐ From To		
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Casing Type Single casing			Joint																																																												
Drive Shoe? Yes ☐ No ☒			Above/Below																																																												
Casing Diameter 4 in. To 132 ft.			Weight lbs./ft.			Hole Diameter 7.9 in. To 30 ft. 6.7 in. To 140 ft.																																																									
Open Hole			From ft. To ft.																																																												
Screen? ☒			Type stainless			Make JOHNSON																																																									
Diameter Slot/Gauze Length Set			4 in. 12 8 ft. 132 ft. 140 ft.																																																												
Static Water Level 18.9 ft. land surface			Measure			10/10/1992																																																									
Pumping Level (below land surface) 18.9 ft. 3 hrs. Pumping at			150 g.p.m.																																																												
Wellhead Completion Pitless adapter manufacturer MONITER Model 4X5 ☐ Casing Protection ☐ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)																																																															
Grouting Information Material Amount From To neat cement 0 10 ft. 30 ft.			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 10/09/1992 Manufacturer's name MYERS Model Number N512R HP 0.5 Volt 230 Length of drop pipe 36 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 Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 217875 Y 5184078 Unique Number Verification Address verification Input Date 02/16/2010																																																															
Angled Drill Hole																																																															
Well Contractor Ltp Enterprises 91353 SOWL, D. Licensee Business Lic. or Reg. No. Name of Driller																																																															