

171899

County Winona
Quad Rollingston
Quad ID 47D

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

Entry Date 11/02/1990
Update Date 08/18/2014
Received Date

Well Name WODEWITZ, JIM					Township 107		Range 8		Dir Section W 34		Subsection CAABBC		Well Depth 98 ft.			Depth Completed 98 ft.			Date Well Completed 06/20/1990																																											
Elevation 758 ft.					Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Cable Tool					Drill Fluid																																															
Address C/W 261 ORLIN ST WINONA MN 55987												Use domestic			Status Active																																															
Stratigraphy Information												Well Hydrofractured? Yes ☐ No ☐			From To																																															
<table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>DIRT</td><td>0</td><td>4</td><td>BLACK</td><td>SOFT</td></tr><tr><td>MUD</td><td>4</td><td>16</td><td>BLACK</td><td>SOFT</td></tr><tr><td>CLAY</td><td>16</td><td>50</td><td>RED</td><td>SOFT</td></tr><tr><td>SEA MUD</td><td>50</td><td>70</td><td>BLACK</td><td>SOFT</td></tr><tr><td>DITCH ROCK</td><td>70</td><td>80</td><td>BROWN</td><td>SOFT</td></tr><tr><td>SHALE</td><td>80</td><td>88</td><td>GREEN</td><td>SOFT</td></tr><tr><td>SHALE</td><td>88</td><td>90</td><td>GREEN</td><td></td></tr><tr><td>SHALE</td><td>90</td><td>98</td><td>GREEN</td><td>HARD</td></tr></table>												Geological Material	From	To (ft.)	Color	Hardness	DIRT	0	4	BLACK	SOFT	MUD	4	16	BLACK	SOFT	CLAY	16	50	RED	SOFT	SEA MUD	50	70	BLACK	SOFT	DITCH ROCK	70	80	BROWN	SOFT	SHALE	80	88	GREEN	SOFT	SHALE	88	90	GREEN		SHALE	90	98	GREEN	HARD	Casing Type Single casing			Joint Threaded		
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Drive Shoe? Yes ☒ No ☐												Above/Below 1.5 ft.																																																		
Casing Diameter in. To 89 ft.												Weight lbs./ft.			Hole Diameter 2 in. To 98 ft.																																															
Open Hole From 89 ft. To 98 ft.																																																														
Screen? ☐												Type Make																																																		
Static Water Level 8 ft. land surface												Measure 06/20/1990																																																		
Pumping Level (below land surface) 8 ft. 4 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																																																														
Nearest Known Source of Contamination feet Direction Type																																																														
Well disinfected upon completion? ☒ Yes ☐ No																																																														
Pump ☐ Not Installed Date Installed 06/22/1990																																																														
Manufacturer's name STA-RITE																																																														
Model Number MSD HP 0.75 Volt 220																																																														
Length of drop pipe 40 ft Capacity g.p. Typ Jet																																																														
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 Tunnel City/Lone Rock Fm Aquifer Tunnel City/Lone Last Strat Tunnel City/Lone Rock Fm Depth to Bedrock 70 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 598377 Y 4875570 Unique Number Verification Input Date 03/19/2002																																																														
Angled Drill Hole																																																														
Well Contractor Buege Well Co. 85004 BUEGE, G. Licensee Business Lic. or Reg. No. Name of Driller																																																														
Remarks																																																														