

162714

County Goodhue
Quad Moland
Quad ID 52A

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

Entry Date 11/04/1987
Update Date 08/18/2014
Received Date

Well Name WALKER, JAMES 109				Township 18	Range W 20	Dir Section CACCBA	Subsection	Well Depth 438 ft.	Depth Completed 438 ft.	Date Well Completed 07/14/1979																																																													
Elevation 1252				Elev. Method 7.5 minute topographic map (+/- 5 feet)		Drill Method Non-specified Rotary			Drill Fluid																																																														
Address C/W KENYON MN 55946								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>DIRT</td><td>0</td><td>5</td><td rowspan="10">BLUE</td><td></td></tr><tr><td>CLAY</td><td>5</td><td>45</td><td></td></tr><tr><td>SAND</td><td>45</td><td>68</td><td></td></tr><tr><td>CLAY</td><td>68</td><td>104</td><td></td></tr><tr><td>CLAY</td><td>104</td><td>130</td><td></td></tr><tr><td>GRAVEL</td><td>130</td><td>140</td><td></td></tr><tr><td>LIMEROCK</td><td>140</td><td>185</td><td></td></tr><tr><td>CLAY</td><td>185</td><td>215</td><td></td></tr><tr><td>CLAY AND LIMEROCK</td><td>215</td><td>240</td><td></td></tr><tr><td>SANDROCK</td><td>240</td><td>260</td><td></td></tr><tr><td>LIMEROCK</td><td>260</td><td>285</td><td></td></tr><tr><td>CHALK</td><td>285</td><td>288</td><td></td></tr><tr><td>SANDROCK</td><td>288</td><td>380</td><td></td></tr><tr><td>LIMEROCK</td><td>380</td><td>438</td><td></td></tr></table>								Geological Material	From	To (ft.)	Color	Hardness	DIRT	0	5	BLUE		CLAY	5	45		SAND	45	68		CLAY	68	104		CLAY	104	130		GRAVEL	130	140		LIMEROCK	140	185		CLAY	185	215		CLAY AND LIMEROCK	215	240		SANDROCK	240	260		LIMEROCK	260	285		CHALK	285	288		SANDROCK	288	380		LIMEROCK	380	438		Well Hydrofractured? Yes ☐ No ☐ From To	
								Geological Material	From	To (ft.)	Color	Hardness																																																											
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Casing Type Step down		Joint Welded																																																																					
Drive Shoe? Yes ☐ No ☐		Above/Below 0 ft.																																																																					
Casing Diameter 5 in. To 390 ft.		Weight lbs./ft.																																																																					
Hole Diameter 5 in. To 390 ft.																																																																							
Open Hole From 390 ft. To 438 ft.																																																																							
Screen? ☐		Type Make																																																																					
Static Water Level 260 ft. land surface		Measure 07/14/1979																																																																					
Pumping Level (below land surface)																																																																							
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 4 Cubic yards 0 ft. 390 ft.																																																																							
Nearest Known Source of Contamination feet Direction Type Well disinfected upon completion? ☐ Yes ☐ No																																																																							
Pump ☐ Not Installed Date Installed 07/16/1979 Manufacturer's name STA-RITE Model Number HP 1.5 Volt 230 Length of drop pipe 282 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 Stewartville- Aquifer Prairie Du Chien Last Strat Prairie Du Chien Group Depth to Bedrock 140 ft Located by Minnesota Geological Survey Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters X 498764 Y 4897433 Unique Number Verification Name on mailbox Input Date 01/01/1990																																																																							
Angled Drill Hole																																																																							
Well Contractor Cannon Well Co. 25249 OTTO, R. Licensee Business Lic. or Reg. No. Name of Driller																																																																							