

649009

County Scott
Quad Jordan East
Quad ID 90A

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

Entry Date 04/06/2001
Update Date 08/18/2014
Received Date

Well Name RICKARD, DEB	Township 114	Range 23	Dir W	Section 13	Subsection CCBDDA	Well Depth 460 ft.	Depth Completed 460 ft.	Date Well Completed 07/17/2000																																													
Elevation 970 ft.	Elev. Method CALC FROM 2-FOOT COUNTY DEM					Drill Method Non-specified Rotary	Drill Fluid Water																																														
Address C/W 18780 REDWING AV JORDAN MN 55352						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>CLAY</td><td>0</td><td>14</td><td>YELLOW</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>14</td><td>148</td><td>BLUE</td><td>MEDIUM</td></tr><tr><td>SAND</td><td>148</td><td>155</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>SAND & CLAY LAYERS</td><td>155</td><td>220</td><td>BLUE</td><td>MEDIUM</td></tr><tr><td>SANDY CLAY</td><td>220</td><td>283</td><td>BLUE</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>283</td><td>414</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SHALE</td><td>414</td><td>436</td><td>GREEN</td><td>MEDIUM</td></tr><tr><td>SANDROCK</td><td>436</td><td>460</td><td>WHITE</td><td>MEDIUM</td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	14	YELLOW	MEDIUM	CLAY	14	148	BLUE	MEDIUM	SAND	148	155	BROWN	MEDIUM	SAND & CLAY LAYERS	155	220	BLUE	MEDIUM	SANDY CLAY	220	283	BLUE	MEDIUM	CLAY	283	414	GRAY	MEDIUM	SHALE	414	436	GREEN	MEDIUM	SANDROCK	436	460	WHITE	MEDIUM	Well Hydrofractured? Yes ☐ No ☒ From To		
						Geological Material	From	To (ft.)	Color	Hardness																																											
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						SANDROCK	436	460	WHITE	MEDIUM																																											
Casing Type Single casing Joint Threaded																																																					
Drive Shoe? Yes ☒ No ☐ Above/Below																																																					
Casing Diameter Weight Hole Diameter																																																					
4 in. To 421 ft. 11 lbs./ft. 6 in. To 420 ft.																																																					
4 in. To 460 ft.																																																					
Open Hole From 421 ft. To 460 ft.																																																					
Screen? ☐ Type Make																																																					
Static Water Level																																																					
205 ft. land surface Measure 07/12/2000																																																					
Pumping Level (below land surface)																																																					
Wellhead Completion																																																					
Pitless adapter manufacturer MONITOR 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																																																					
high solids bentonite 6 Sacks 0 ft. 420 ft.																																																					
Nearest Known Source of Contamination																																																					
92 feet North Direction Septic tank/drain field Type																																																					
Well disinfected upon completion? ☒ Yes ☐ No																																																					
Pump ☐ Not Installed Date Installed 07/15/2000																																																					
Manufacturer's name FLINT & WALLING																																																					
Model Number 4F10A10 HP 1 Volt 230																																																					
Length of drop pipe 237 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 Tunnel City/Lone Rock Fm Aquifer Tunnel City-																																																					
Last Strat Wonewoc Sandstone Depth to Bedrock 414 ft																																																					
Located by Minnesota Geological Survey																																																					
Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or																																																					
System UTM - NAD83, Zone 15, Meters X 457275 Y 4947158																																																					
Unique Number Verification Address verification Input Date 12/14/2004																																																					
Angled Drill Hole																																																					
Well Contractor																																																					
Hartmann Well Co. 40174 HOLICKY, G.																																																					
Licensee Business Lic. or Reg. No. Name of Driller																																																					