

784855

County McLeod
Quad Brownston
Quad ID 93A

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

Entry Date 08/21/2012
Update Date 05/08/2014
Received Date 11/19/2012

Well Name Township Range Dir Section Subsection WALLER, DAVID 114 29 W 28 BBABDA					Well Depth 169 ft.			Depth Completed 162 ft.			Date Well Completed 05/14/2012					
Elevation 1034 Elev. Method Calc from DEM (USGS 7.5 min or equiv.)					Drill Method Non-specified Rotary			Drill Fluid Bentonite								
Address C/W 16837 30TH ST BROWNTON MN 55312					Use domestic						Status Active					
Stratigraphy Information Geological Material From To (ft.) Color Hardness TOP SOIL 0 2 BLACK SANDY CLAY 2 18 YELLOW SANDY CLAY 18 27 GRAY DIRTY SAND 27 36 GRAY SANDY CLAY/PEBBLES 36 54 GRAY SANDY CLAY/SAND 54 116 GRAY SANDY CLAY ROCKY 116 119 GRAY SANDY CLAY ROCKY 119 132 GRAY SANDY CLAY ROCKY 132 134 GRAY SANDY CLAY 134 143 GRAY SAND/CLAY LAYERS 143 151 GRAY FINE TO MEDIUM 151 162 GRAY SANDY CLAY/SAND 162 169 GRAY					Well Hydrofractured? Yes ☐ No ☐ From To											
					Casing Type Single casing			Joint Glued								
					Drive Shoe? Yes ☐ No ☒ Above/Below											
					Casing Diameter Weight			Hole Diameter								
					5 in. To 154 ft. lbs./ft.			8 in. To 169 ft.								
Open Hole From ft. To ft.																
Screen? ☒ Type stainless Make JOHNSON																
Diameter Slot/Gauze Length Set																
4 in. 12 8 ft. 154 ft. 162 ft.																
Static Water Level																
77 ft. land surface Measure null																
Pumping Level (below land surface)																
79 ft. hrs. Pumping at 40 g.p.m.																
Wellhead Completion																
Pitless adapter manufacturer MONITOR Model 6PS56BS4CO																
☐ 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																
bentonite 5 Sacks 6 ft. 83 ft.																
cuttings 83 ft. 146 ft.																
Nearest Known Source of Contamination																
45 feet Southwes Direction Other Type																
Well disinfected upon completion? ☒ Yes ☐ No																
Pump ☐ Not Installed Date Installed 05/14/2012																
Manufacturer's name SCHAFER																
Model Number 20LD10 HP 1 Volt 230																
Length of drop pipe 100 ft Capacity 20 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																
Last Strat Depth to Bedrock ft																
Located by Minnesota Department of Health																
Locate Method GPS SA Off (averaged) (15 meters)																
System UTM - NAD83, Zone 15, Meters X 394384 Y 4945932																
Unique Number Verification Info/GPS from data Input Date 07/18/2012																
Angled Drill Hole																
Well Contractor																
LTP Enterprises, Inc. 2157 GRIMM, G.																
Licensee Business Lic. or Reg. No. Name of Driller																
Remarks SOURCE OF CONTAMINATION: TYPE- HYDRANT																