

409995

County Stearns
Quad
Quad ID

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

Entry Date 04/17/1988
Update Date 02/14/2014
Received Date

Well Name DON HELGET	Township 124	Range 28	Dir W	Section 6	Subsection C	Well Depth 171 ft.	Depth Completed 170 ft.	Date Well Completed 11/19/1983																																																							
Elevation						Drill Method Non-specified Rotary	Drill Fluid																																																								
Address C/W RR 2 BOX 31 CLEARWATER MN 55320						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>SANDY CLAY</td><td>0</td><td>3</td><td>BROWN</td><td>SOFT</td></tr><tr><td>SAND/GRAVEL</td><td>3</td><td>13</td><td>BROWN</td><td>SOFT</td></tr><tr><td>SANDY CLAY</td><td>13</td><td>29</td><td>BROWN</td><td>SOFT</td></tr><tr><td>SANDY CLAY</td><td>29</td><td>42</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY</td><td>42</td><td>132</td><td>GRAY</td><td>HARD</td></tr><tr><td>MARL</td><td>132</td><td>153</td><td>WHITE</td><td>HARD</td></tr><tr><td>MARL/QUARTZ</td><td>153</td><td>165</td><td>WHITE</td><td>SOFT</td></tr><tr><td>QUARTZ</td><td>165</td><td>170</td><td>WHITE</td><td>SOFT</td></tr><tr><td>MARL</td><td>170</td><td>171</td><td>WHITE</td><td>M.HARD</td></tr><tr><td>MARL</td><td>171</td><td></td><td>BLUE</td><td>HARD</td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	SANDY CLAY	0	3	BROWN	SOFT	SAND/GRAVEL	3	13	BROWN	SOFT	SANDY CLAY	13	29	BROWN	SOFT	SANDY CLAY	29	42	BROWN	SOFT	CLAY	42	132	GRAY	HARD	MARL	132	153	WHITE	HARD	MARL/QUARTZ	153	165	WHITE	SOFT	QUARTZ	165	170	WHITE	SOFT	MARL	170	171	WHITE	M.HARD	MARL	171		BLUE	HARD	Well Hydrofractured? Yes ☐ No ☐ From To		
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Casing Type Single casing ☐ Joint ☐																																																															
Drive Shoe? Yes ☐ No ☐ Above/Below																																																															
Casing Diameter 5 in. To 168 ft. lbs./ft.																																																															
Open Hole From ft. To ft.																																																															
Screen? ☒ Type other Make TEMPCO																																																															
Diameter Slot/Gauze Length Set																																																															
4 in. 20 4 ft. 166 ft. 170 ft.																																																															
Static Water Level 24 ft. land surface Measure 11/19/1983																																																															
Pumping Level (below land surface) 44 ft. 1 hrs. Pumping at 10 g.p.m.																																																															
Wellhead Completion Pitless adapter manufacturer MAASS Model JC-1 ☐ 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 7 ft. 39 ft.																																																															
Nearest Known Source of Contamination feet Direction Type Well disinfected upon completion? ☒ Yes ☐ No																																																															
Pump ☐ Not Installed Date Installed 04/25/1984 Manufacturer's name PIONEER Model Number CA-10 HP 0.5 Volt 230 Length of drop pipe 60 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 Aquifer Last Strat Depth to Bedrock ft Located by Locate Method System UTM - NAD83, Zone 15, Meters X Y Unique Number Verification Input Date																																																															
Angled Drill Hole																																																															
Well Contractor Traut M.J. Well Co. 71536 MARK & PAT Licensee Business Lic. or Reg. No. Name of Driller																																																															