

595331

County Chippewa
Quad Kerkhoven
Quad ID 128D

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

Entry Date03/09/2000
Update Date11/30/2016
Received Date

Well Name ULFERTS,	Township 118	Range 37	Dir W	Section 22	Subsection CBBABA	Well Depth 280 ft.	Depth Completed 280 ft.	Date Well Completed 07/23/1998																																																								
Elevation 1074	Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary	Drill Fluid Bentonite																																																									
Address C/W 160 140TH AV SE RAYMOND MN 56282						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>3</td><td>BLACK</td><td>SOFT</td></tr><tr><td>CLAY</td><td>3</td><td>14</td><td>YELLOW</td><td>SOFT</td></tr><tr><td>CLAY</td><td>14</td><td>62</td><td>BLUE</td><td>SOFT</td></tr><tr><td>CLAY</td><td>62</td><td>68</td><td>GREEN</td><td>SOFT</td></tr><tr><td>CLAY</td><td>68</td><td>75</td><td>BLUE</td><td>SOFT</td></tr><tr><td>CLAY</td><td>75</td><td>95</td><td>DK. BRN</td><td>SOFT</td></tr><tr><td>CLAY</td><td>95</td><td>231</td><td>BLUE</td><td>SOFT</td></tr><tr><td>CLAY & SANDY</td><td>231</td><td>238</td><td>BLUE</td><td>SOFT</td></tr><tr><td>CLAY</td><td>238</td><td>274</td><td>BLUE</td><td>SOFT</td></tr><tr><td>SAND</td><td>274</td><td>279</td><td>GRAY</td><td>SOFT</td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	3	BLACK	SOFT	CLAY	3	14	YELLOW	SOFT	CLAY	14	62	BLUE	SOFT	CLAY	62	68	GREEN	SOFT	CLAY	68	75	BLUE	SOFT	CLAY	75	95	DK. BRN	SOFT	CLAY	95	231	BLUE	SOFT	CLAY & SANDY	231	238	BLUE	SOFT	CLAY	238	274	BLUE	SOFT	SAND	274	279	GRAY	SOFT	Well Hydrofractured? Yes ☐ No ☐			From To
						Geological Material	From	To (ft.)	Color	Hardness																																																						
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Casing Type Single casing			Joint																																																													
Drive Shoe? Yes ☐ No ☐			Above/Below																																																													
Casing Diameter 5 in.			Weight 274. ft. 2.9 lbs./ft.																																																													
Open Hole From ft. To ft.																																																																
Screen? ☒ Diameter in.			Type stainless Length ft.																																																													
Slot/Gauze 10			Make Set ft.																																																													
JOHNSON			ft.																																																													
Static Water Level 17 ft. land surface Measure 07/23/1998																																																																
Pumping Level (below land surface) 55 ft. 4 hrs. Pumping at 16.5 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 Material Amount From To bentonite 0 ft. 50 ft.																																																																
Nearest Known Source of Contamination feet Direction Type Well disinfected upon completion? ☒ Yes ☐ No																																																																
Pump ☒ Not Installed Date Installed Manufacturer's name Model Number HP Volt Length of drop pipe ft Capacity g.p. Typ																																																																
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 Quat. buried Last Strat sand-gray Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 318190 Y 4987160 Unique Number Verification Address verification Input Date 08/11/2016																																																																
Angled Drill Hole																																																																
Well Contractor Marcus Well Co. 34071 MARCUS, D. Licensee Business Lic. or Reg. No. Name of Driller																																																																