

221830

County Clay
Quad Felton SW
Quad ID 285C

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

Entry Date04/07/1988

Update Date02/14/2014

Received Date

Well NameED DULLEA CO. Township142 Range47 Dir SectionW 30 SubsectionCCDCAD Elevation890 ft. Elev. Method7.5 minute topographic map (+/- 5 feet)	Well Depth204 ft. Depth Completed202 ft. Date Well Completed06/22/1970 Drill Method Drill Fluid																																																							
Address C/WGEORGETOWN MN	Use domestic StatusActive																																																							
Stratigraphy Information <table><thead><tr><th>Geological Material</th><th>From</th><th>To (ft.)</th><th>Color</th><th>Hardness</th></tr></thead><tbody><tr><td>TOP SOIL</td><td>0</td><td>2</td><td>BLACK</td><td></td></tr><tr><td>SHALE</td><td>2</td><td>18</td><td>YELLOW</td><td></td></tr><tr><td>SHALE</td><td>18</td><td>122</td><td>BLUE</td><td></td></tr><tr><td>CLAY</td><td>122</td><td>144</td><td>BLUE</td><td></td></tr><tr><td>SAND-WASHED</td><td>144</td><td>146</td><td>BROWN</td><td></td></tr><tr><td>CLAY</td><td>146</td><td>162</td><td>BLUE</td><td></td></tr><tr><td>SAND</td><td>162</td><td>164</td><td>BROWN</td><td></td></tr><tr><td>CLAY</td><td>164</td><td>195</td><td>BLUE</td><td></td></tr><tr><td>COARSE SAND</td><td>195</td><td>202</td><td>BROWN</td><td></td></tr><tr><td>CLAY</td><td>202</td><td>204</td><td>BLUE</td><td></td></tr></tbody></table>	Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	2	BLACK		SHALE	2	18	YELLOW		SHALE	18	122	BLUE		CLAY	122	144	BLUE		SAND-WASHED	144	146	BROWN		CLAY	146	162	BLUE		SAND	162	164	BROWN		CLAY	164	195	BLUE		COARSE SAND	195	202	BROWN		CLAY	202	204	BLUE		Well Hydrofractured? Yes☐ No☐ From To Casing TypeSingle casing Joint Drive Shoe? Yes☒ No☐ Above/Below Casing DiameterWeightHole Diameter 4 in. To197 ft.lbs./ft.6.2 in. To209 ft.
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Open Hole Fromft. Toft.	Screen?☒ Typestainless Make DiameterSlot/GauzeLengthSet 4 in.355 ft.197 ft.202 ft.																																																							
Static Water Level 18 ft. land surface Measure 06/22/1970																																																								
Pumping Level (below land surface) 160 ft. hrs. Pumping at 3.5 g.p.m.																																																								
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																																																								
Nearest Known Source of Contamination feet Direction Well disinfected upon completion?☐ Yes☐ No Type																																																								
Pump ☐ Not Installed Date Installed Manufacturer's nameBERKELEY Model Number4AM11HP0.5 Volt220 Length of drop pipe171 ft Capacityg.p. TypSubmersible																																																								
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 Stratclay-gray Depth to Bedrockft Located byMinnesota Geological Survey Locate MethodDigitization (Screen) - Map (1:24,000) (15 meters or SystemUTM - NAD83, Zone 15, MetersX220192Y5220565 Unique Number VerificationInformation from Input Date06/02/2000																																																								
Remarks	Angled Drill Hole																																																							
	Well Contractor Ltp Enterprises91353PULKRABEK, C. Licensee BusinessLic. or Reg. No.Name of Driller																																																							