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County

Becker

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Quad ID

258D

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date

06/14/1991

Update Date

08/27/2014

Received Date

Well Name ENGLE, TERRY Township 139 Range 38 Dir W Section 30 Subsection ADCCAA Elevation 1508 Elev. Method 7.5 minute topographic map (+/- 5 feet)	Well Depth 55 ft. Depth Completed 55 ft. Date Well Completed 11/02/1990 Drill Method Non-specified Rotary Drill Fluid Bentonite Use domestic Status Active Well Hydrofractured? Yes ☐ No ☐ From To Casing Type Single casing Joint Drive Shoe? Yes ☐ No ☒ Above/Below 1 ft. Casing Diameter 4 in. Weight 50 ft. Hole Diameter 8 in. To 40 ft. Open Hole From ft. To ft. Screen? ☒ Type stainless Make JOHNSON Diameter 4 in. Slot/Gauze 18 Length 5 ft. Set 50 ft. ft. Static Water Level 31 ft. land surface Measure 11/02/1990 Pumping Level (below land surface) 55 ft. 1 hrs. Pumping at 70 g.p.m. Wellhead Completion Pitless adapter manufacturer MONITOR Model 7PSB45S4C1 ☐ Casing Protection ☐ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY) Grouting Information Well Grouted? ☒ Yes ☐ No ☐ Not Specified Material neat cement Amount 0 From 0 ft. To 30 ft. Nearest Known Source of Contamination 65 feet Northwes Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No Pump ☐ Not Installed Date Installed 11/00/1990 Manufacturer's name GRUNFOS Model Number 10S05-9-11- HP 0.5 Volt 230 Length of drop pipe 35 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 Quat. buried Last Strat gravel (+larger)-gray Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters X 307414 Y 5188862 Unique Number Verification Information from Input Date 01/15/1998 Angled Drill Hole Well Contractor Antonsen Well Co. 56132 DAVE/JERRY Licensee Business Lic. or Reg. No. Name of Driller																														
Address C/W RR 2 FRAZEE MN 56544	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>GRAVEL AND ROCKS</td><td>0</td><td>7</td><td>BROWN</td><td>HARD</td></tr><tr><td>SAND-CLAY</td><td>7</td><td>17</td><td>GRY/BLU</td><td>SOFT</td></tr><tr><td>CLAY</td><td>17</td><td>35</td><td>BLUE</td><td>HARD</td></tr><tr><td>GRAVEL AND CLAY</td><td>35</td><td>47</td><td>BLU/GRY</td><td>HARD</td></tr><tr><td>GRAVEL</td><td>47</td><td>55</td><td>GRAY</td><td>SOFT</td></tr></tbody></table>	Geological Material	From	To (ft.)	Color	Hardness	GRAVEL AND ROCKS	0	7	BROWN	HARD	SAND-CLAY	7	17	GRY/BLU	SOFT	CLAY	17	35	BLUE	HARD	GRAVEL AND CLAY	35	47	BLU/GRY	HARD	GRAVEL	47	55	GRAY	SOFT
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