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County Otter Tail
Quad Eagle Bend
Quad ID 197B

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

Entry Date

Update Date 11/01/2022

Received Date 02/14/2005

Well Name BROWN, MARK Elevation 1457 Address Well BERTHA MN 56437 Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>TOP</td><td>0</td><td>2</td><td></td><td></td></tr><tr><td>SOIL</td><td>2</td><td>5</td><td>BLACK</td><td></td></tr><tr><td>CLAY</td><td>5</td><td>110</td><td>GRAY</td><td></td></tr><tr><td>SAND</td><td>110</td><td>129</td><td>GRAY</td><td></td></tr></table>	Geological Material	From	To (ft.)	Color	Hardness	TOP	0	2			SOIL	2	5	BLACK		CLAY	5	110	GRAY		SAND	110	129	GRAY		Well Depth 129 ft. Drill Method Non-specified Rotary Use domestic Well Hydrofractured? Yes ☐ No ☒ Casing Type Single casing Drive Shoe? Yes ☐ No ☒ Casing Diameter 4 in. To 125 ft. 2 lbs./ft. Open Hole From ft. To ft. Screen? ☒ Diameter 2 in. Slot/Gauze 12 Length 4 ft. Type Length 4 ft. Make WESTCO Set 125 ft. 129 ft. Static Water Level 25 ft. land surface Measure 08/16/2004 Pumping Level (below land surface) 120 ft. 2 hrs. Pumping at 30 g.p.m. Wellhead Completion Pitless adapter manufacturer MONITOR Model BULLDOG ☐ 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 3 Sacks ft. 40 ft. Nearest Known Source of Contamination 50 feet West Direction Sewer Type Well disinfected upon completion? ☒ Yes ☐ No Pump ☐ Not Installed Date Installed 07/15/2004 Manufacturer's name STA-RITE Model Number 10P4C02I 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 Last Strat sand-gray Aquifer Quat. buried 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 334447 Y 5122984 Unique Number Verification Site Plan Input Date 01/28/2019 Angled Drill Hole Well Contractor Fluegge Well Drilling & Svc 49595 FLUEGGE, D. Licensee Business Lic. or Reg. No. Name of Driller
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