

463608

County

Blue Earth

Quad

Mankato

Quad ID

55B

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date

06/17/1997

Update Date

02/14/2014

Received Date

Well NameMOCK, Township108 Range26 DirW 16 SubsectionCDAAAD Elevation1002 Elev. Method7.5 minute topographic map (+/- 5 feet) Address Contact2645 HOFFMAN RD MANKATO 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>SOFT</td></tr><tr><td>CLAY</td><td>2</td><td>20</td><td>YELLOW</td><td>SOFT</td></tr><tr><td>CLAY</td><td>20</td><td>65</td><td>BLUE</td><td>SOFT</td></tr><tr><td>CLAY SAND</td><td>65</td><td>85</td><td>GRAY</td><td></td></tr><tr><td>SAND</td><td>85</td><td>90</td><td>GRAY</td><td>HARD</td></tr><tr><td>CLAY</td><td>90</td><td>160</td><td>BLUE</td><td>SOFT</td></tr><tr><td>CLAY SAND</td><td>160</td><td>200</td><td>GRAY</td><td>HARD</td></tr><tr><td>CLAY</td><td>200</td><td>235</td><td>BLUE</td><td>SOFT</td></tr><tr><td>SAND</td><td>235</td><td>240</td><td>GRN/GRY</td><td>HARD</td></tr></tbody></table>					Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	2	BLACK	SOFT	CLAY	2	20	YELLOW	SOFT	CLAY	20	65	BLUE	SOFT	CLAY SAND	65	85	GRAY		SAND	85	90	GRAY	HARD	CLAY	90	160	BLUE	SOFT	CLAY SAND	160	200	GRAY	HARD	CLAY	200	235	BLUE	SOFT	SAND	235	240	GRN/GRY	HARD	Well Depth240 ft. Depth Completed240 ft. Date Well Completed05/11/1990 Drill MethodCable Tool Drill Fluid Use domestic StatusSealed Well Hydrofractured? Yes No From To Casing TypeSingle casing JointThreaded Drive Shoe? Yes No Above/Below2 ft. Casing DiameterWeightHole Diameter 5 in. To 237 ft. lbs./ft. 5 in. To 240 ft. Open HoleFromft.Toft. Screen? Type stainless Make JOHNSON DiameterSlot/GauzeLengthSet 4 in. 12 4 ft. 237 ft. 24 ft. Static Water Level 100 ft. land surface Measure 05/11/1990 Pumping Level (below land surface) 130 ft. 3 hrs. Pumping at 20 g.p.m. Wellhead Completion Pitless adapter manufacturer MONITOR Model PS56BN Casing Protection 12 in. above grade At-grade (Environmental Wells and Borings ONLY) Grouting InformationWell Grouted? Yes No Not Specified Nearest Known Source of Contamination 80 feet North Direction Septic tank/drain field Type Well disinfected upon completion? Yes No PumpNot Installed Date Installed05/16/1990 Manufacturer's name GOULDS Model Number10EJO7 HP 0.75 Volt 230 Length of drop pipe130 ft Capacity15 g.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 Strat sand 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 423293 Y 4889575 Unique Number Verification Address verification Input Date 06/02/2000 Angled Drill Hole Well Contractor Denn Well Co. 07120 DENN, L. Licensee Business Lic. or Reg. No. Name of Driller				
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