

792383

County Pennington
Quad Viking SE
Quad ID 395D

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

Entry Date12/04/2013
Update Date03/09/2020
Received Date06/21/2013

Well NameHANSON, MARK Township153 Range44 Dir SectionW 35 SubsectionCBAADC	Well Depth150 ft. Depth Completed150 ft. Date Well Completed09/18/2012																																	
Elevation1096 Elev. MethodLiDAR 1m DEM (MNDNR)	Drill MethodNon-specified Rotary Drill FluidBentonite																																	
Address C/W10750 CENTER ST W THIEF RIVER FALLS MN 56701	Use domestic StatusActive																																	
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>TOPSOIL</td><td>0</td><td>2</td><td>DARK</td><td>SOFT</td></tr><tr><td>SAND</td><td>2</td><td>10</td><td>YELLOW</td><td>SOFT</td></tr><tr><td>CLAY</td><td>10</td><td>97</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY</td><td>97</td><td>140</td><td>GRAY</td><td>HARD</td></tr><tr><td>SAND</td><td>140</td><td>150</td><td>GRAY</td><td>SOFT</td></tr></table>	Geological Material	From	To (ft.)	Color	Hardness	TOPSOIL	0	2	DARK	SOFT	SAND	2	10	YELLOW	SOFT	CLAY	10	97	GRAY	SOFT	CLAY	97	140	GRAY	HARD	SAND	140	150	GRAY	SOFT	Well Hydrofractured? Yes☐ No☒ FromTo Casing TypeSingle casingJoint Drive Shoe? Yes☒ No☐ Above/Below Casing DiameterWeightHole Diameter 4 in. To142 ft. 1 lbs./ft.8.7 in. To50 ft. 6.2 in. To150 ft. Open HoleFromft.Toft. Screen?☒TypestainlessMakeJOHNSON DiameterSlot/GauzeLengthSet 4 in.128 ft.142 ft.150 ft. Static Water Level 35 ft. land surfaceMeasure09/18/2012 Pumping Level (below land surface) 65 ft.6 hrs. Pumping at125 g.p.m. Wellhead Completion Pitless adapter manufacturerBAKERModel4J ☐ Casing Protection☒ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY) Grouting InformationWell Grouted?☒ Yes☐ No☐ Not Specified MaterialAmountFromTo high solids bentonite3.5 Sacksft.50 ft. Nearest Known Source of Contamination 125 feetSouthwesDirectionSeptic tank/drain fieldType Well disinfected upon completion?☒ Yes☐ No Pump☐ Not InstalledDate Installed09/18/2012 Manufacturer's nameMCDONALD Model NumberSP10HP0.5Volt230 Length of drop pipe100 ftCapacity10 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 BedrockAquiferQuat. buried Last Strat sand-grayDepth to Bedrockft Located byMinnesota Geological Survey Locate MethodGPS SA Off (averaged) (15 meters) SystemUTM - NAD83, Zone 15, MetersX255502Y5324529 Unique Number VerificationAddress verificationInput Date01/22/2020 <tr><td rowspan="2"> Remarks DRILLING FLUID: MUD </td><td> Angled Drill Hole </td></tr> <tr><td> Well Contractor Robert Davidson Well Co.1410DAVIDSON, D. Licensee BusinessLic. or Reg. No.Name of Driller </td></tr>	Remarks DRILLING FLUID: MUD	Angled Drill Hole	Well Contractor Robert Davidson Well Co.1410DAVIDSON, D. Licensee BusinessLic. or Reg. No.Name of Driller
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