

586355

County Crow Wing
Quad Iron Hub
Quad ID 230D

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

Entry Date 03/12/1997
Update Date 02/14/2014
Received Date

Well Name AUGE, ANGELA					Township 47	Range 28	Dir W	Section 27	Subsection BCBBCA	Well Depth 75 ft.			Depth Completed 74 ft.			Date Well Completed 11/20/1996																													
Elevation 1259					Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Jetted			Drill Fluid Water																																
Address C/W 15126 30 CR AITKIN MN 56431										Use domestic			Status Active																																
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>CLAY</td><td>0</td><td>18</td><td>RED</td><td>SOFT</td></tr><tr><td>SMALL ROCKS & CLAY</td><td>18</td><td>44</td><td>RED</td><td>SOFT</td></tr><tr><td>ROCK & CLAY</td><td>44</td><td>52</td><td>RED</td><td>HARD</td></tr><tr><td>DIRTY GRAVEL</td><td>52</td><td>60</td><td>BLUE</td><td>SOFT</td></tr><tr><td>WATER SAND</td><td>60</td><td>75</td><td>GRAY</td><td>SOFT</td></tr></table>										Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	18	RED	SOFT	SMALL ROCKS & CLAY	18	44	RED	SOFT	ROCK & CLAY	44	52	RED	HARD	DIRTY GRAVEL	52	60	BLUE	SOFT	WATER SAND	60	75	GRAY	SOFT	Well Hydrofractured? Yes ☐ No ☐			From To		
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										Casing Type Single casing			Joint																																
										Drive Shoe? Yes ☐ No ☐			Above/Below																																
										Casing Diameter 4 in. To 69 ft.			Weight 11 lbs./ft.			Hole Diameter 4 in. To 74 ft.																													
Open Hole From ft. To ft.																																													
Screen? ☒ Type stainless Make JOHNSON																																													
Diameter 4 in. Slot/Gauze 10 Length 5 ft. Set 69 ft. 74 ft.																																													
Static Water Level 52 ft. land surface Measure 11/20/1996																																													
Pumping Level (below land surface) 68 ft. 2 hrs. Pumping at 40 g.p.m.																																													
Wellhead Completion Pitless adapter manufacturer BAKER-SNAPPY Model 8PL412U ☐ 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 90 feet <u>Northeas</u> Direction <u>Septic tank/drain field</u> Type Well disinfected upon completion? ☒ Yes ☐ No																																													
Pump ☐ Not Installed Date Installed <u>11/15/1996</u> Manufacturer's name STA-RITE Model Number <u>10P4C02I</u> HP <u>0.5</u> Volt <u>220</u> Length of drop pipe <u>60</u> ft Capacity <u>10</u> g.p. Typ <u>Submersible</u>																																													
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 sand-gray Aquifer Quat. buried Last Strat sand-gray Depth to Bedrock ft Located by Crow Wing Cty. Planning & Zoning Locate Method GPS SA On (averaged) (100 meters) System UTM - NAD83, Zone 15, Meters X 432995 Y 5153288 Unique Number Verification Other, note in Input Date 08/06/1999																																													
Angled Drill Hole																																													
Well Contractor Hasskamp Well Drill 01166 HASSKAMP, N. Licensee Business Lic. or Reg. No. Name of Driller																																													