

800391

County Douglas
Quad Brandon
Quad ID 181A

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

Entry Date 11/26/2014
Update Date 05/26/2021
Received Date 09/22/2014

Well Name LICHTY,	Township 128	Range 39	Dir Section W 1	Subsection BCABDA	Well Depth 126 ft.	Depth Completed 120 ft.	Date Well Completed 11/27/2013
Elevation 1473	Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary	Drill Fluid Bentonite
Address Well 3443 BUGLE CT NW GARFIELD MN					Use domestic	Status Active	
Stratigraphy Information Geological Material From To (ft.) Color Hardness CLAY 0 13 YELLOW GRAVEL 13 21 YELLOW SAND COARSE 21 77 YELLOW SAND FINE 77 93 YELLOW SAND MEDIUM-CLAY 93 121 CLAY 121 126 BLUE					Well Hydrofractured? Yes ☐ No ☒ From To		
					Casing Type Single casing Joint		
					Drive Shoe? Yes ☐ No ☒ Above/Below		
					Casing Diameter 5 in. To 115 ft. Weight lbs./ft. Hole Diameter 8.7 in. To ft.		
					Open Hole From ft. To ft.		
					Screen? ☒ Type plastic Make JOHNSON Diameter Slot/Gauze Length Set 5 in. 10 5 ft. 115 ft. 120 ft.		
					Static Water Level 58 ft. land surface Measure 11/27/2013		
					Pumping Level (below land surface) 82 ft. 2 hrs. Pumping at 15 g.p.m.		
					Wellhead Completion Pitless adapter manufacturer Model ☐ 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 8 Sacks ft. 107 ft.		
Nearest Known Source of Contamination 50 feet Direction <u>Septic tank/drain field</u> Type Well disinfected upon completion? ☒ Yes ☐ No							
Pump ☒ Not Installed Date Installed Manufacturer's name Model Number HP Volt Length of drop pipe ft Capacity g.p. Typ							
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 clay-gray 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 304090 Y 5089319 Unique Number Verification Address verification Input Date 03/02/2021							
Angled Drill Hole							
Well Contractor Thein Well Co., Inc. 1337 BASORE, R. Licensee Business Lic. or Reg. No. Name of Driller							

Remarks