

747382

County Dakota
Quad Orchard
Quad ID 89A

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

Entry Date 09/01/2011
Update Date 07/01/2019
Received Date 06/12/2008

Well Name LAKE MARION	Township 114	Range 21	Dir Section W 24	Subsection CDDBBB
Elevation 1025	Elev. Method LiDAR 1m DEM (MNDNR)			
Address C/W 19740 KENRICK AV LAKEVILLE MN 55044				
Stratigraphy Information				
Geological Material	From	To (ft.)	Color	Hardness
GRAVEL	0	120	BROWN	MEDIUM
CLAY	120	174	GRAY	MEDIUM
SHALE ROCK	174	180	GRAY	MEDIUM
LIME	180	210	GRAY	HARD

Well Depth 210 ft.	Depth Completed 210 ft.	Date Well Completed 05/18/2008
Drill Method Non-specified Rotary	Drill Fluid Qwik gel	
Use domestic	Status Active	
Well Hydrofractured? Yes ☐ No ☒ From To		
Casing Type Single casing	Joint Threaded	
Drive Shoe? Yes ☒ No ☐	Above/Below	
Casing Diameter 4 in. To 180 ft.	Weight 11 lbs./ft.	Hole Diameter 6.2 in. To 180 ft. 4 in. To 210 ft.
Open Hole From 180 ft. To 210 ft.		
Screen? ☐	Type	Make
Static Water Level 120 ft. land surface Measure 05/18/2008		
Pumping Level (below land surface) 120 ft. 2 hrs. Pumping at 50 g.p.m.		
Wellhead Completion Pitless adapter manufacturer MONITOR Model THREAD ☐ 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 5 Sacks ft. 80 ft.		
Nearest Known Source of Contamination 75 feet North Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No		
Pump ☐ Not Installed Date Installed 05/20/2008 Manufacturer's name AERMOTOR Model Number SS100 HP 1 Volt 230 Length of drop pipe 140 ft Capacity 12 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 St.Peter Sandstone Aquifer Prairie Du Chien Last Strat Prairie Du Chien Group Depth to Bedrock 174 ft Located by Dakota Cty. Locate Method Digitization (Screen) - Map (1:12,000) (>15 meters) System UTM - NAD83, Zone 15, Meters X 476992 Y 4945374 Unique Number Verification Information from Input Date 06/04/2019		
Angled Drill Hole		
Well Contractor Jaeckels Well Service, Inc. 1601 JAECKELS, R. Licensee Business Lic. or Reg. No. Name of Driller		