

743548

County Otter Tail
Quad Lake
Quad ID 198C

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

Entry Date 08/31/2006
Update Date 08/15/2019
Received Date 08/07/2006

Well Name OLSON & SONS	Township 131	Range 38	Dir W	Section 26	Subsection DCCBDD	Well Depth 65 ft.	Depth Completed 65 ft.	Date Well Completed 07/21/2006
Elevation 1459	Elev. Method LiDAR 1m DEM (MNDNR)				Drill Method Non-specified Rotary	Drill Fluid Other		
Address C/W PARKERS PRAIRIE MN 56361						Use irrigation	Status Active	
Stratigraphy Information Geological Material From To (ft.) Color Hardness TOPSOIL 0 1 BLACK SOFT SAND 1 11 BROWN MEDIUM CLAY 11 13 BROWN MEDIUM SAND 13 20 BROWN MEDIUM SAND / CLAY LAYERS 20 40 GRAY MEDIUM SAND 40 65 GRAY MEDIUM						Well Hydrofractured? Yes ☐ No ☒ From To		
						Casing Type Single casing ☐ Joint ☒		
						Drive Shoe? Yes ☐ No ☒ Above/Below		
						Casing Diameter 12 in. To 45 ft. lbs./ft.		
						Hole Diameter 18 in. To 65 ft.		
						Open Hole From ft. To ft.		
						Screen? ☒ Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 12 in. 70 20 ft. 45 ft. 65 ft.		
						Static Water Level 17 ft. land surface Measure 07/21/2006		
						Pumping Level (below land surface) 64 ft. 3 hrs. Pumping at 550 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 7 Sacks ft. 30 ft.								
Nearest Known Source of Contamination feet Direction 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 sand-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 312510 Y 5110632 Unique Number Verification Site Plan Input Date 01/28/2019								
Angled Drill Hole								
Well Contractor Steven M Traut Wells, Inc. 1889 TRAUT, S Licensee Business Lic. or Reg. No. Name of Driller								

Remarks
PILOT HOLE 240' IRON .5 HARD 16