

715915

CountyOtter Tail
QuadStar Lake
Quad ID238D

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

Entry Date03/25/2005
Update Date02/11/2019
Received Date09/21/2005

Well Name FORSYTHE,	Township 136	Range 41	Dir W	Section 14	Subsection DDCAAB	Well Depth 71 ft.	Depth Completed 71 ft.	Date Well Completed 10/18/2005				
Elevation 1371.9	Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary	Drill Fluid Additive (+ Bentonite)					
Address C/W43150 SHENANDOAH LO DENT MN						Use domestic	Status Active					
						Well Hydrofractured? Yes ☐ No ☒		From To				
Stratigraphy Information						Casing Type Single casing	Joint					
						Drive Shoe? Yes ☐ No ☒		Above/Below				
Geological Material		From	To (ft.)	Color	Hardness	Casing Diameter		Weight	Hole Diameter			
SAND		0	6	BROWN	HARD	4 in. To		66 ft.	lbs./ft.	8 in. To 30 ft.		
CLAY		6	13	BROWN	HARD					6.7 in. To 71 ft.		
FINE SAND		13	42	GRAY	SOFT							
CLAY		42	45	BLUE	HARD							
FINE SAND		45	64	GRAY	SOFT							
SAND		64	71	GRAY	SOFT							
						Open Hole	From	ft.	To	ft.		
						Screen? ☒	Type	stainless	Make	JOHNSON		
						Diameter	Slot/Gauze	Length	Set			
						4 in.	12	5 ft.	66 ft.	71 ft.		
						Static Water Level						
						17 ft.	land surface		Measure	10/18/2004		
						Pumping Level (below land surface)						
						71 ft.	2 hrs.	Pumping at	35	g.p.m.		
						Wellhead Completion						
						Pitless adapter manufacturer		MONITOR	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		
						high solids bentonite			0 ft.	34 ft.		
						Nearest Known Source of Contamination						
						55 feet	Northeas Direction		Septic tank/drain field Type			
						Well disinfected upon completion?		☒ Yes	☐ No			
						Pump ☐	Not Installed		Date Installed	10/26/2004		
						Manufacturer's name					STA RITE	
						Model Number	10P4C02H	HP	0.5	Volt	230	
						Length of drop pipe	40 ft	Capacity	10 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			Aquifer	Quat. buried		
						Last Strat	sand-gray		Depth to Bedrock	ft		
						Located by					Minnesota Department of Health	
						Locate Method					GPS SA Off (averaged) (15 meters)	
						System	UTM - NAD83, Zone 15, Meters		X 285080	Y 5163141		
						Unique Number Verification		Other, note in	Input Date	12/08/2004		
						Angled Drill Hole						
						Well Contractor						
						B & M DRILLING		56740	DEAN, B.			
						Licensee Business		Lic. or Reg. No.	Name of Driller			
Remarks LOCATED BY MDH												

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