

467762

County Becker
Quad Flat Lake
Quad ID 258B

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

Entry Date 06/12/1991
Update Date 08/28/2014
Received Date

Well Name LIEN, JOHN					Township 139		Range 40		Dir Section W 4		Subsection DACCCC		Well Depth 74 ft.			Depth Completed 74 ft.			Date Well Completed 10/00/1990							
Elevation 1455					Elev. Method 7.5 minute topographic map (+/- 5 feet)								Drill Method Non-specified Rotary			Drill Fluid Revert										
Address C/W HC 10 BOX 305 ROCHERT MN 56578												Use domestic			Status Active											
												Well Hydrofractured? Yes ☐ No ☐			From			To								
Stratigraphy Information												Casing Type Single casing			Joint											
												Drive Shoe? Yes ☐ No ☒			Above/Below -7 ft.											
Geological Material												Casing Diameter			Weight			Hole Diameter								
TOP SOIL												4 in. To			69 ft.			lbs./ft.			8 in. To 74 ft.					
CLAY																										
SANDY CLAY																										
SAND																										
SAND																										
CLEAN SAND																										
												Open Hole			From			ft.			To			ft.		
												Screen? ☒			Type stainless			Make JOHNSON								
												Diameter			Slot/Gauze			Length			Set					
												3.9 in.			12			5 ft.			69 ft.			74 ft.		
												Static Water Level														
												40 ft.			land surface			Measure			10/00/1990					
												Pumping Level (below land surface)														
												40 ft.			1 hrs.			Pumping at			12 g.p.m.					
												Wellhead Completion														
												Pitless adapter manufacturer			MASS			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					
												neat cement			0			8 ft.			38 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			Q			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 291515			Y 5195423					
												Unique Number Verification			Lot Block			Input Date			08/28/2014					
												Angled Drill Hole														
												Well Contractor														
												Krueger Well Co.			03034			CLEVELAND, T.								
												Licensee Business			Lic. or Reg. No.			Name of Driller								