

639055

County Sherburne
Quad Lake
Quad ID 137A

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

Entry Date 06/01/2000
Update Date 03/01/2011
Received Date

Well Name IHLE, RANDY	Township 34	Range 26	Dir W	Section 8	Subsection BBBABD	Well Depth 92 ft.	Depth Completed 92 ft.	Date Well Completed 11/01/1999															
Elevation 980 ft.	Elev. Method 7.5 minute topographic map (+/- 5 feet)				Drill Method Non-specified Rotary	Drill Fluid Bentonite																	
Address C/W 13557 269TH ST ZIMMERMAN MN 55398						Use domestic	Status Active																
Stratigraphy Information						Well Hydrofractured? Yes ☐ No ☐	From	To															
<table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>SAND</td><td>0</td><td>80</td><td>BROWN</td><td></td></tr><tr><td>WATER SAND</td><td>80</td><td>92</td><td></td><td></td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	SAND	0	80	BROWN		WATER SAND	80	92			Casing Type Single casing	Joint	
Geological Material	From	To (ft.)	Color	Hardness																			
SAND	0	80	BROWN																				
WATER SAND	80	92																					
						Drive Shoe? Yes ☐ No ☐	Above/Below																
						Casing Diameter 4 in.	Weight To 82 ft.	lbs./ft. lbs./ft.															
						Open Hole	From ft.	To ft.															
						Screen? ☒	Type stainless	Make JOHNSON															
						Diameter 4 in.	Slot/Gauze 12	Length 10 ft.															
						Set 84 ft.	92 ft.																
						Static Water Level 26 ft.	land surface	Measure 11/01/1999															
						Pumping Level (below land surface) 80 ft.	3 hrs.	Pumping at 15 g.p.m.															
						Wellhead Completion Pitless adapter manufacturer	SNAPPY	Model															
						☐ Casing Protection	☒ 12 in. above grade																
						☐ At-grade (Environmental Wells and Borings ONLY)																	
						Grouting Information	Well Grouted? ☒ Yes ☐ No ☐ Not Specified																
						Material high solids bentonite	Amount 2 Sacks	From 0 ft.															
						To 40 ft.																	
						Nearest Known Source of Contamination 100 feet	South Direction	Septic tank/drain field Type															
						Well disinfected upon completion?	☐ Yes ☐ No																
						Pump ☐ Not Installed	Date Installed 11/01/1999																
						Manufacturer's name AERMOTOR																	
						Model Number T12-50	HP 0.5	Volt 230															
						Length of drop pipe 60 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	Aquifer	Quat. Water															
						Last Strat sand	Depth to Bedrock	ft															
						Located by Minnesota Geological Survey																	
						Locate Method GPS SA Off (averaged) (15 meters)																	
						System UTM - NAD83, Zone 15, Meters	X 452145	Y 5033963															
						Unique Number Verification	Address verification	Input Date 11/12/2010															
						Angled Drill Hole																	
						Well Contractor Bjorklund S.r. Well 71550 TORGERSON WEL																	
						Licensee Business Lic. or Reg. No. Name of Driller																	