

660662

County Kandiyohi
Quad Lake
Quad ID 143B

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

Entry Date 02/04/2002
Update Date 10/14/2016
Received Date

Well Name WESTRUD, JIM	Township 122	Range 36	Dir W	Section 5	Subsection CBBBBBC																														
Elevation 1279	Elev. Method LiDAR 1m DEM (MNDNR)																																		
Address Well 13924 292ND AV NW BROOTEN MN 56316 Contact 3511 WYOMING AV ST LOUIS PARK MN 55426																																			
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>TOPSOIL</td><td>0</td><td>1</td><td></td><td></td></tr><tr><td>CLAY MIXED W/ROCK</td><td>1</td><td>60</td><td>YELLOW</td><td></td></tr><tr><td>CLAY MIXED</td><td>60</td><td>105</td><td>BLUE</td><td></td></tr><tr><td>LIMESTONE MIXED</td><td>105</td><td>111</td><td>BLUE</td><td></td></tr><tr><td>MED. TO COARSE</td><td>111</td><td>118</td><td></td><td></td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	TOPSOIL	0	1			CLAY MIXED W/ROCK	1	60	YELLOW		CLAY MIXED	60	105	BLUE		LIMESTONE MIXED	105	111	BLUE		MED. TO COARSE	111	118		
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Well Depth 118 ft.																																			
Depth Completed 118 ft.																																			
Date Well Completed 08/17/2001																																			
Drill Method Non-specified Rotary																																			
Drill Fluid Bentonite																																			
Use domestic																																			
Status Active																																			
Well Hydrofractured? Yes ☐ No ☒ From To																																			
Casing Type Single casing																																			
Joint Glued																																			
Drive Shoe? Yes ☐ No ☒ Above/Below																																			
Casing Diameter 4 in.																																			
Weight 113 ft.																																			
Hole Diameter 4 in.																																			
Weight lbs./ft.																																			
Hole Diameter 8 in.																																			
Open Hole From ft. To ft.																																			
Screen? ☒ Type plastic Make CERTA-LOK																																			
Diameter Slot/Gauze Length Set																																			
4 in. 12 5 ft. 113 ft. 118 ft.																																			
Static Water Level 60 ft. land surface Measure 08/17/2001																																			
Pumping Level (below land surface) 65 ft. 6 hrs. Pumping at 20 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 0 ft. 103 ft.																																			
pearock 103 ft. 118 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 +larger 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 325104 Y 5030391																																			
Unique Number Verification Name on mailbox Input Date 12/02/2015																																			
Angled Drill Hole																																			
Well Contractor Blue Water Well Co. 73413 KNIGHT, B.																																			
Licensee Business Lic. or Reg. No. Name of Driller																																			
Minnesota Well Index Report		660662		Printed on 10/02/2026 HE-01205-15																															