

897349

County Kittson
Quad
Quad ID

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

Entry Date 04/27/2026
Update Date 04/27/2026
Received Date 12/11/2025

Well Name BORSETH,	Township 160	Range 45	Dir W	Section 25	Subsection DDC
Elevation	Elev. Method				
Address					
Well 1696 490TH AV KARLSTAD MN 56732					
Contact 4140 4TH AV S FARGO ND 58103					
Stratigraphy Information					
Geological Material		From	To (ft.)	Color	Hardness
COARSE SAND		0	9	BROWN	MEDIUM
SANDY CLAY		9	20	BROWN	MEDIUM
CLAY + ROCK		20	90	GRAY	MEDIUM
CLAY		90	142	GRAY	HARD
CLAY		142	201	GRAY	MEDIUM
SAND		201	210	GRAY	MEDIUM
CLAY		210	220	GRAY	MEDIUM
Well Depth 220 ft. Depth Completed 210 ft. Date Well Completed 10/03/2025					
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		Weight		Hole Diameter	
4 in. To		202 ft. 1.9 lbs./ft.		8 in. To 20 ft.	
				6.7 in. To 220 ft.	
Open Hole From ft. To ft.					
Screen? ☒		Type stainless		Make JOHNSON	
Diameter		Slot/Gauze Length		Set	
4 in.		7 8 ft.		202 ft. 210 ft.	
Static Water Level					
24 ft.		land surface		Measure 10/03/2025	
Pumping Level (below land surface)					
ft.		hrs. Pumping at		40 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		4.5 Sacks		ft. 70 ft.	
Nearest Known Source of Contamination					
51 feet		East Direction		Sewer 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			
Last Strat		Depth to Bedrock		ft	
Located by					
Locate Method					
System		UTM - NAD83, Zone 15, Meters		X Y	
Unique Number Verification				Input Date	
Angled Drill Hole					
Well Contractor					
Calder Well Drilling, Inc.		1663		CALDER, B	
Licensee Business		Lic. or Reg. No.		Name of Driller	
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