

147400

County Winona
Quad Witoka
Quad ID 25A

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

Entry Date 04/17/1988
Update Date 08/18/2014
Received Date

Well Name BROMMERICH, 106					Township 6		Range W 17		Dir Section BBABC		Subsection		Well Depth 680 ft.		Depth Completed 680 ft.		Date Well Completed 07/20/1979		
Elevation 1265					Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary					Drill Fluid				
Address												Use domestic		Status Active					
												Well Hydrofractured? Yes ☐ No ☐		From		To			
Stratigraphy Information												Casing Type Step down		Joint Welded					
												Drive Shoe? Yes ☒ No ☐		Above/Below					
Geological Material												Casing Diameter		Weight					
DIRT & CLAY												4 in. To		627 ft. lbs./ft.					
LIMEROCK												8 in. To		13 ft. lbs./ft.					
SANDSTONE																			
BROKEN SANDSTONE																			
LIMEROCK																			
ROCK																			
LIMEROCK																			
SAND																			
SHALE ROCK																			
SHALE																			
SHALE ROCK																			
SAND																			
SHALE																			
SHALE & SAND																			
												Open Hole From 627 ft. To 680 ft.							
												Screen? ☐		Type		Make			
												Static Water Level 600 ft. land surface		Measure		10/23/1978			
												Pumping Level (below land surface)							
												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			
												neat cement		6 Cubic yards		0 ft. 627 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		Prairie Du Chien Group		Aquifer Eau Claire			
												Last Strat		Eau Claire Formation		Depth to Bedrock 12 ft			
												Located by		Minnesota Geological Survey					
												Locate Method		Digitized - scale 1:24,000 or larger (Digitizing Table)					
												System		UTM - NAD83, Zone 15, Meters		X 614097 Y 4871888			
												Unique Number Verification		Information from		Input Date 01/01/1990			
												Angled Drill Hole							
												Well Contractor Larson Well Co.		23150		ENGELHARDT, R			
												Licensee Business		Lic. or Reg. No.		Name of Driller			