

629602

County Carlton
Quad Esko
Quad ID 224A

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

Entry Date 07/20/2000
Update Date 06/02/2006
Received Date

Well Name COSSALTER,	Township 48	Range 16	Dir W	Section 13	Subsection BDCACD	Well Depth 475 ft.	Depth Completed 475 ft.	Date Well Completed 08/23/1999
Elevation 960 ft.	Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary	Drill Fluid Other	
Address						Use domestic	Status Active	
Well 1803 23 HY CARLTON MN 55718						Well Hydrofractured? Yes ☐ No ☐ From To		
Contact P.O. BOX 323 ESKO MN 55733						Casing Type Single casing Joint Welded		
Stratigraphy Information						Drive Shoe? Yes ☒ No ☐ Above/Below		
Geological Material		From	To (ft.)	Color	Hardness	Casing Diameter Weight Hole Diameter		
SAND		0	44	BROWN	SOFT	5 in. To 273 ft. 14 lbs./ft. 5 in. To 475 ft.		
CLAY GRAVEL		44	62	BROWN	MEDIUM			
CLAY		62	104	RED	SOFT			
COMPACT SAND		104	273	BROWN	HARD			
SANDSTONE		273	475	RED	HARD			
						Open Hole From 273 ft. To 475 ft.		
						Screen? ☐ Type Make		
						Static Water Level		
						250 ft. land surface Measure 08/23/1999		
						Pumping Level (below land surface)		
						270 ft. 5 hrs. Pumping at 2 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		
						well grouted, type unknown 6 Sacks 0 ft. 30 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 Fond du Lac Formation Aquifer Fond Du Lac		
						Last Strat Fond du Lac Formation Depth to Bedrock 273 ft		
						Located by Minnesota Geological Survey		
						Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or		
						System UTM - NAD83, Zone 15, Meters X 552421 Y 5165685		
						Unique Number Verification Tag on well Input Date 06/16/2005		
						Angled Drill Hole		
						Well Contractor		
						Bleau Well Drilling 68672 BLEAU, D.		
						Licensee Business Lic. or Reg. No. Name of Driller		