

613021

County Norman
Quad Ada
Quad ID 309D

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

Entry Date 04/11/2000
Update Date 11/01/2017
Received Date

Well Name BALZUM,	Township 144	Range 46	Dir W	Section 5	Subsection CDDDBC	Well Depth 185 ft.	Depth Completed 182 ft.	Date Well Completed 09/14/1999
Elevation 899 ft.	Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary	Drill Fluid Water	
Address						Use domestic	Status Active	
Contact P. O. BOX 172 ADA MN 56510						Well Hydrofractured? Yes ☐ No ☒ From To		
Well RR 2 ADA MN 56510						Casing Type Single casing Joint Unknown		
Stratigraphy Information						Drive Shoe? Yes ☐ No ☐ Above/Below		
Geological Material		From	To (ft.)	Color	Hardness	Casing Diameter Weight		
SOIL		0	2	BLACK	SOFT	4 in. To 177 ft. lbs./ft.		
CLAY		2	17	YELLOW	SOFT			
CLAY		17	94	GRAY	SOFT			
CLAY/GRAVEL		94	103	GRAY	M.HARD			
CLAY		103	136	GRAY	M.SOFT			
MUDDY/SAND		136	138	GRAY	SOFT			
CLAY		138	167	GRAY	MEDIUM			
FINE SAND		167	175	GRAY	SOFT			
WATER		175	185					
						Open Hole From ft. To ft.		
						Screen? ☒ Type stainless Make JOHNSON		
						Diameter Slot/Gauze Length Set		
						2 in. 12 5 ft. 177 ft. 182 ft.		
						Static Water Level		
						14 ft. land surface Measure 09/14/1999		
						Pumping Level (below land surface)		
						182 ft. 2 hrs. Pumping at 40 g.p.m.		
						Wellhead Completion		
						Pitless adapter manufacturer MONITOR Model 6PS45		
						☐ 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 9 Sacks 6 ft. 30 ft.		
						Nearest Known Source of Contamination		
						75 feet Northwes Direction Septic tank/drain field Type		
						Well disinfected upon completion? ☒ Yes ☐ No		
						Pump ☐ Not Installed Date Installed 09/14/1999		
						Manufacturer's name GRUNDFOS		
						Model Number 10G HP 0.5 Volt 230		
						Length of drop pipe 80 ft Capacity 10 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		
						Last Strat Depth to Bedrock ft		
						Located by Minnesota Department of Health		
						Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or		
						System UTM - NAD83, Zone 15, Meters X 232937 Y 5245787		
						Unique Number Verification Address with parcel Input Date 11/01/2017		
						Angled Drill Hole		
						Well Contractor		
						Olson Well Service 54134 DAHL, L.		
						Licensee Business Lic. or Reg. No. Name of Driller		