

613014

County Norman
Quad
Quad ID

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

Entry Date 12/29/1999
Update Date 03/11/2005
Received Date

Well Name ALLRICH, CHAD	Township 145	Range 47	Dir W	Section 22	Subsection BCA	Well Depth 285 ft.	Depth Completed 285 ft.	Date Well Completed 07/09/1999																																																
Elevation	Elev. Method					Drill Method Non-specified Rotary	Drill Fluid Water																																																	
Address Well RR 1 P. O. BOX 97 HALSTAD MN 56548						Use domestic	Status Active																																																	
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>SOIL</td><td>0</td><td>2</td><td>BLACK</td><td>SOFT</td></tr><tr><td>CLAY</td><td>2</td><td>24</td><td>YELLOW</td><td>SOFT</td></tr><tr><td>CLAY</td><td>24</td><td>143</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY/SAND</td><td>143</td><td>168</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY</td><td>168</td><td>181</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY/SAND</td><td>181</td><td>242</td><td>GRAY</td><td>SOFT</td></tr><tr><td>SAND</td><td>242</td><td>245</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY/SAND</td><td>245</td><td>278</td><td>GRAY</td><td>SOFT</td></tr><tr><td>WATER</td><td>278</td><td>285</td><td></td><td></td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	SOIL	0	2	BLACK	SOFT	CLAY	2	24	YELLOW	SOFT	CLAY	24	143	GRAY	SOFT	CLAY/SAND	143	168	GRAY	SOFT	CLAY	168	181	GRAY	SOFT	CLAY/SAND	181	242	GRAY	SOFT	SAND	242	245	GRAY	SOFT	CLAY/SAND	245	278	GRAY	SOFT	WATER	278	285			Well Hydrofractured? Yes ☐ No ☒ From To
						Geological Material	From	To (ft.)	Color	Hardness																																														
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						CLAY/SAND	245	278	GRAY	SOFT																																														
WATER	278	285																																																						
Casing Type Single casing		Joint Unknown																																																						
Drive Shoe? Yes ☐ No ☒ Above/Below																																																								
Casing Diameter 4 in. To 280 ft. lbs./ft.																																																								
Open Hole From ft. To ft.																																																								
Screen? ☒ Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 2 in. 10 5 ft. ft. ft.																																																								
Static Water Level -3 ft. land surface Measure 07/09/1999																																																								
Pumping Level (below land surface) 285 ft. 3 hrs. Pumping at 12 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 11 Sacks 6 ft. 30 ft.																																																								
Nearest Known Source of Contamination 200 feet East Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No																																																								
Pump ☐ Not Installed Date Installed 07/09/1999 Manufacturer's name AERMOTOR Model Number 12AB HP 0.75 Volt 230 Length of drop pipe 180 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 Locate Method System UTM - NAD83, Zone 15, Meters X Y Unique Number Verification Input Date																																																								
Angled Drill Hole																																																								
Well Contractor Olson Well Service 54134 DAHL, LELAND Licensee Business Lic. or Reg. No. Name of Driller																																																								