

**163163**County Norman  
Quad Lockhart  
Quad ID 309AMINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING REPORT**  
Minnesota Statutes Chapter 1031Entry Date 03/08/1991  
Update Date 02/14/2014  
Received Date

<b>Well Name</b> KURPIUS, JOE	<b>Township</b> 146	<b>Range</b> 46	<b>Dir Section</b> W 9	<b>Subsection</b> CCCCDA	<b>Well Depth</b> 302 ft.	<b>Depth Completed</b> 299 ft.	<b>Date Well Completed</b> 10/23/1979
<b>Elevation</b> 902 ft.	<b>Elev. Method</b> 7.5 minute topographic map (+/- 5 feet)	<b>Drill Method</b> Non-specified Rotary		<b>Drill Fluid</b>			
<b>Address</b> C/W ADA MN 56510					<b>Use</b> domestic	<b>Status</b> Active	
<b>Stratigraphy Information</b>					<b>Well Hydrofractured?</b> Yes <input type="checkbox"/> No <input type="checkbox"/> <b>From</b> <b>To</b>		
Geological Material From To (ft.) Color Hardness					<b>Casing Type</b> Single casing <b>Joint</b> Threaded		
TOPSOIL 0 2 BLACK					<b>Drive Shoe?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <b>Above/Below</b> 2 ft.		
CLAY 2 12 BROWN					<b>Casing Diameter</b> <b>Weight</b> <b>Hole Diameter</b>		
CLAY 12 110 BLUE SOFT					4 in. To 296 ft. lbs./ft. 6 in. To 299 ft.		
SANDY CLAY 110 128 BLUE					<b>Open Hole</b> From ft. To ft.		
SAND 128 129 VARIED					<b>Screen?</b> <input checked="" type="checkbox"/> <b>Type</b> stainless <b>Make</b> JOHNSON		
SANDY CLAY 129 138 BLUE					Diameter Slot/Gauze Length Set		
SAND WITH CLAY 138 141 BLUE					4 in. 8 5 ft. 294 ft. 295 ft.		
SAND 141 143 VARIED					<b>Static Water Level</b>		
SANDY CLAY 143 146 BLUE					0 ft. land surface Measure 10/23/1979		
SAND 146 147 VARIED					<b>Pumping Level (below land surface)</b>		
SANDY CLAY & ROCK 147 163 BLUE					151 ft. hrs. Pumping at 60 g.p.m.		
SAND 163 165 VARIED					<b>Wellhead Completion</b>		
SANDY CLAY 165 277 BLUE					Pitless adapter manufacturer Model		
FINE SAND 277 287 VARIED					<input type="checkbox"/> Casing Protection <input checked="" type="checkbox"/> 12 in. above grade		
SANDY CLAY 287 292 BLUE					<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)		
FINE SAND 292 302 VARIED					<b>Grouting Information</b> Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified		
					Material Amount From To		
					neat cement 0 0 ft. 42 ft.		
					<b>Nearest Known Source of Contamination</b>		
					feet Direction Type		
					Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No		
					<b>Pump</b> <input checked="" type="checkbox"/> Not Installed Date Installed		
					Manufacturer's name		
					Model Number HP $\Omega$ Volt		
					Length of drop pipe ft Capacity g.p. Typ		
					<b>Abandoned</b>		
					Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No		
					<b>Variance</b>		
					Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No		
					<b>Miscellaneous</b>		
					First Bedrock Aquifer Quat. buried		
					Last Strat sand Depth to Bedrock ft		
					Located by Minnesota Geological Survey		
					Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table)		
					System UTM - NAD83, Zone 15, Meters X 233559 Y 5263503		
					Unique Number Verification Name on mailbox Input Date 09/21/1994		
					<b>Angled Drill Hole</b>		
					<b>Well Contractor</b>		
					Ltp Enterprises 91353 SALAZAR, B.		
					Licensee Business Lic. or Reg. No. Name of Driller		