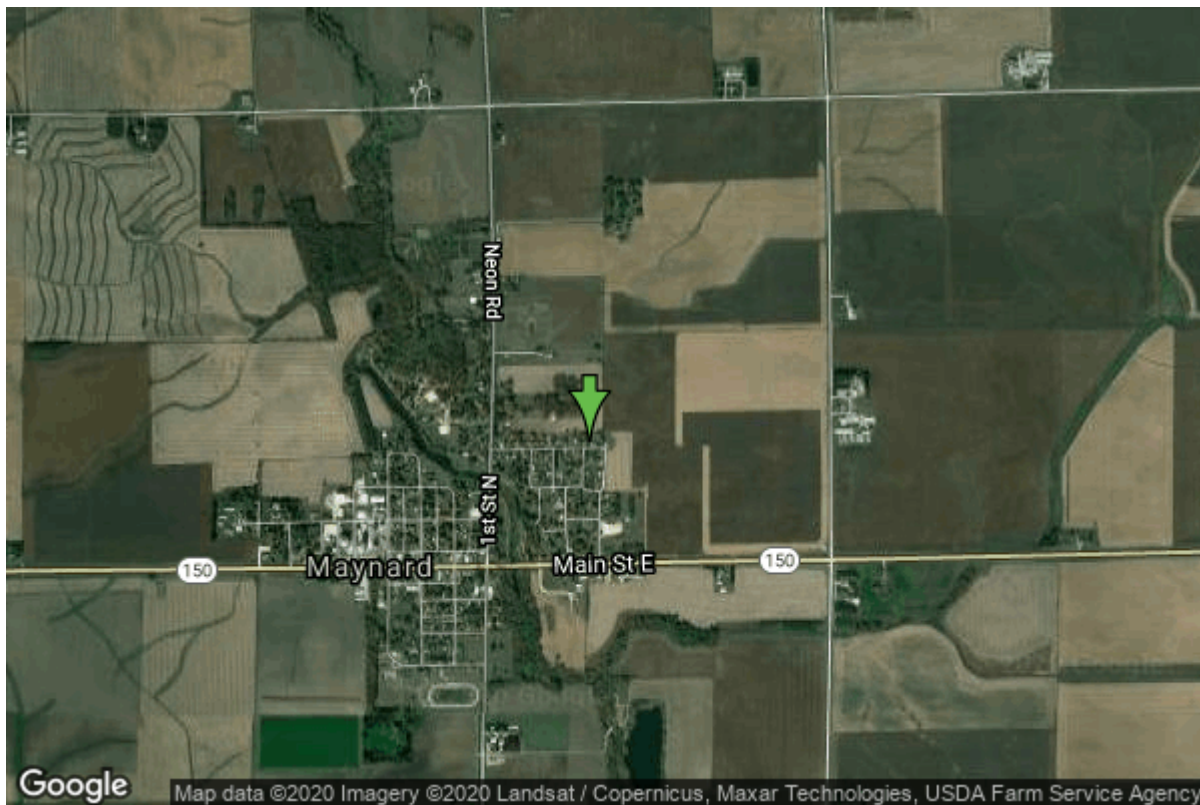


# Well W#59883 Information



<b>Date Received</b>	01/25/2005	<b>State</b>	Iowa
<b>Owner Name</b>	Maynard, City Of	<b>County</b>	Fayette
<b>Alt Name</b>	well #3	<b>Quadrangle</b>	Fayette, Iowa
<b>WNumber</b>	59883	<b>Township</b>	T9N
<b>PWTS ID</b>	0	<b>Range</b>	R9W
<b>PWS ID</b>	3350059	<b>Section</b>	14
<b>Storet ID</b>	0	<b>Quarter</b>	SE NW SW
<b>SDWIS ID</b>	2585718	<b>Latitude</b>	42.7777380000
<b>USGS ID</b>	0	<b>Longitude</b>	-91.8722340000
<b>Project</b>	Source Water Protection	<b>Accuracy</b>	
<b>Operator</b>	Unknown	<b>UTM X</b>	592253
		<b>UTM Y</b>	4736750

<b>Site Type</b>	Drilled hole	<b>Drilling Company</b>	Shawver Well Co.
<b>Well Status</b>	Active	<b>Drilling Date</b>	12/22/2004
<b>Field Located</b>	No	<b>Drilling Method</b>	Rotary
<b>Elevation</b>	1098 ft	<b>Bedrock Depth</b>	16 ft
<b>Elevation Accuracy</b>	Topo Map Accurate to 2 ft	<b>Well Depth</b>	1221 ft
<b>Landscape Position</b>	Unknown	<b>Total Depth</b>	1221 ft
		<b>Well Types</b>	Municipal, Public Supply
		<b>Aquifers</b>	Cambrian-Ordovician

## Hole Construction Information

<b>Date</b>	12/22/2004	<b>Depth</b>	57.00 ft
<b>Diameter</b>	17.50 in		

## Comments

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Date	12/22/2004		
Diameter	13.00 in	Depth	882.00 ft
Comments			

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Date	12/22/2004		
Diameter	7.78 in	Depth	1221.00 ft
Comments			

## Casing Construction Information

Date	12/22/2004	Casing Type	Steel
Start Depth	-2.00 ft	End Depth	51.00 ft
Diameter	14.00 in	Amount	53.00 ft
Comments			

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Date	12/22/2004	Casing Type	Steel
Start Depth	-2.00 ft	End Depth	873.00 ft
Diameter	8.00 in	Amount	875.00 ft
Comments			

## Grout Construction Information

Date	12/22/2004		
Grout Type	Cement	Grout Placement	Unknown
Start Depth	0.00 ft	End Depth	875.00 ft
Comments			

## Log Information

Date	02/28/2009		
Log Types	Strip log		
Prepared By	Unknown		
Comments			

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Date			
Log Types	Drillers log		
Prepared By	Unknown		
Comments			

## Stratigraphy Information

System	Quaternary
Series	

<b>Group</b>			
<b>Formation</b>			
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	0.00 ft	<b>End Depth</b>	16.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Sand	<b>Percent</b>	100
<b>Secondary Lithology</b>	Unknown	<b>Percent</b>	0
<b>Tertiary Lithology</b>	Unknown	<b>Percent</b>	0
<b>Comments</b>			

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<b>System</b>	Silurian		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>			
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	16.00 ft	<b>End Depth</b>	45.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Silurian		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>	Blanding		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	45.00 ft	<b>End Depth</b>	200.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	65
<b>Secondary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	35
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>	Maquoketa		
<b>Member</b>	Brainard Shale		
<b>Submember</b>			
<b>Start Depth</b>	200.00 ft	<b>End Depth</b>	275.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			

<b>Primary Lithology</b>	Shale	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>	Maquoketa		
<b>Member</b>	Ft. Atkinson Limestone		
<b>Submember</b>			
<b>Start Depth</b>	275.00 ft	<b>End Depth</b>	350.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	40
<b>Secondary Lithology</b>	Dolomite	<b>Percent</b>	30
<b>Tertiary Lithology</b>	Limestone	<b>Percent</b>	30
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>	Maquoketa		
<b>Member</b>	Clermont Shale		
<b>Submember</b>			
<b>Start Depth</b>	350.00 ft	<b>End Depth</b>	400.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	41
<b>Secondary Lithology</b>	Limestone	<b>Percent</b>	40
<b>Tertiary Lithology</b>	Shale	<b>Percent</b>	19
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>	Maquoketa		
<b>Member</b>	Elgin Limestone		
<b>Submember</b>			
<b>Start Depth</b>	400.00 ft	<b>End Depth</b>	462.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Limestone	<b>Percent</b>	50
<b>Secondary Lithology</b>	Dolomite	<b>Percent</b>	48
<b>Tertiary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	2
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			

<b>Group</b>	Galena		
<b>Formation</b>			
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	462.00 ft	<b>End Depth</b>	630.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Limestone	<b>Percent</b>	99
<b>Secondary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	1
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>	Galena		
<b>Formation</b>	Decorah		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	630.00 ft	<b>End Depth</b>	695.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Shale	<b>Percent</b>	65
<b>Secondary Lithology</b>	Limestone	<b>Percent</b>	35
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>	Galena		
<b>Formation</b>	Platteville		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	695.00 ft	<b>End Depth</b>	770.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Ls/Dol Mixed	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>	Ancell		
<b>Formation</b>	Glenwood		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	770.00 ft	<b>End Depth</b>	771.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			

<b>Primary Lithology</b>	Sandstone	<b>Percent</b>	99
<b>Secondary Lithology</b>	Shale	<b>Percent</b>	1
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>	Ancell		
<b>Formation</b>	St. Peter Sandstone		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	771.00 ft	<b>End Depth</b>	815.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Sandstone	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>	Prairie Du Chien		
<b>Formation</b>	Shakopee		
<b>Member</b>	Willow River		
<b>Submember</b>			
<b>Start Depth</b>	815.00 ft	<b>End Depth</b>	942.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	99
<b>Secondary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	1
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>	Prairie Du Chien		
<b>Formation</b>	Shakopee		
<b>Member</b>	New Richmond		
<b>Submember</b>			
<b>Start Depth</b>	942.00 ft	<b>End Depth</b>	975.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Sandstone	<b>Percent</b>	80
<b>Secondary Lithology</b>	Dolomite	<b>Percent</b>	20
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			

<b>Group</b>	Prairie Du Chien		
<b>Formation</b>	Oneota		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	975.00 ft	<b>End Depth</b>	1178.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	90
<b>Secondary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	10
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Cambrian		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>	Jordan		
<b>Member</b>	Coon Valley		
<b>Submember</b>			
<b>Start Depth</b>	1178.00 ft	<b>End Depth</b>	1195.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Sandstone	<b>Percent</b>	85
<b>Secondary Lithology</b>	Dolomite	<b>Percent</b>	15
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Cambrian		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>	Jordan		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	1195.00 ft	<b>End Depth</b>	1221.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Sandstone	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

## Water Production Information

<b>Date</b>	05/22/2014	<b>Start Time</b>	
<b>Aquifer</b>			
<b>Static Water Level</b>	353.00 ft	<b>Yield</b>	0 gallons per minute
<b>Pumping Water Level</b>	365 ft	<b>Yield Method</b>	Unknown
<b>Measurement</b>	Unknown	<b>Pump Test</b>	No
<b>Pump Method</b>	Unknown	<b>Duration</b>	0 mins

**Comments** Water levels from DNR Jordan questionnaire.

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<b>Date</b>	12/22/2004	<b>Start Time</b>	
<b>Aquifer</b>	Bedrock		
<b>Static Water Level</b>	0.00 ft	<b>Yield</b>	485 gallons per minute
<b>Pumping Water Level</b>	0 ft	<b>Yield Method</b>	Unknown
<b>Measurement</b>	Unknown	<b>Pump Test</b>	Yes
<b>Pump Method</b>	Airlifted	<b>Duration</b>	400 mins
<b>Comments</b>			

## Chip Storage Information

<b>Date</b>	03/19/2007		
<b>Storage</b>	OD4-1430>1434	<b>Bin</b>	
<b>Number of Boxes</b>	5	<b>Number of Samples</b>	241
<b>Sample Intervals</b>	5	<b>Sample Gaps</b>	815-820; 1010-1015; 1200-1205
<b>Sample Top</b>	0 ft	<b>Sample Bottom</b>	1221 ft
<b>Washed Top</b>	15 ft	<b>Washed Bottom</b>	1221 ft
<b>Duplicate Storage</b>			
<b>Comments</b>			

<https://www.iihr.uiowa.edu/igs/geosam/well/59883/general-information>