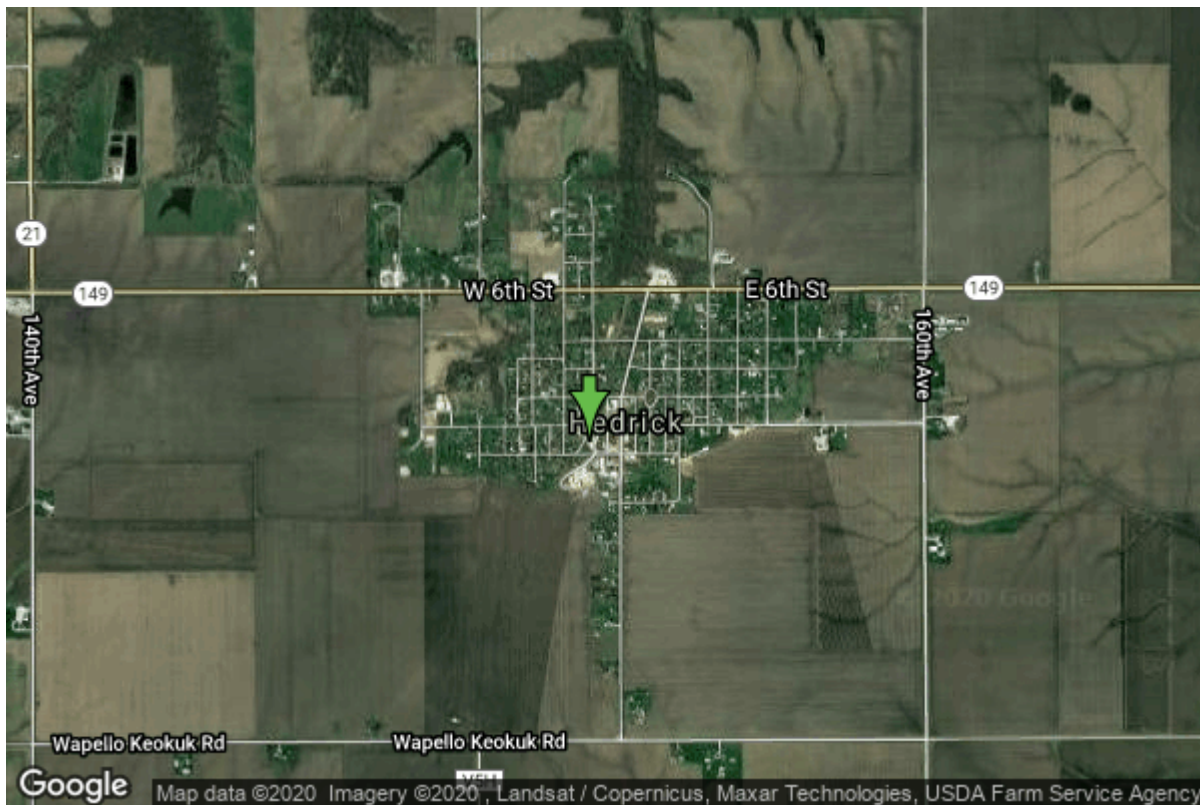


# Well W#1307 Information



<b>Date Received</b>		<b>State</b>	Iowa
<b>Owner Name</b>	Hedrick, City Of	<b>County</b>	Keokuk
<b>Alt Name</b>	OLD DRILLED WELL	<b>Quadrangle</b>	Hedrick, Iowa
<b>WNumber</b>	1307	<b>Township</b>	T74N
<b>PWTS ID</b>	0	<b>Range</b>	R13W
<b>PWS ID</b>	5432042	<b>Section</b>	36
<b>Storet ID</b>	0	<b>Quarter</b>	NW SE NW
<b>SDWIS ID</b>	0	<b>Latitude</b>	41.1718460000
<b>USGS ID</b>	0	<b>Longitude</b>	-92.3096450000
<b>Project</b>	Source Water Protection	<b>Accuracy</b>	
<b>Operator</b>	Unknown	<b>UTM X</b>	557909
		<b>UTM Y</b>	4558064

<b>Site Type</b>	Drilled hole	<b>Drilling Company</b>	Unknown
<b>Well Status</b>	Not Used	<b>Drilling Date</b>	02/01/1941
<b>Field Located</b>	No	<b>Drilling Method</b>	Unknown
<b>Elevation</b>	822 ft	<b>Bedrock Depth</b>	0 ft
<b>Elevation Accuracy</b>	Digital Elevation Model Accurate to 5 ft	<b>Well Depth</b>	530 ft
<b>Landscape Position</b>	Unknown	<b>Total Depth</b>	530 ft
		<b>Well Types</b>	Municipal
		<b>Aquifers</b>	Mississippian

## Log Information

<b>Date</b>	11/17/1946
<b>Log Types</b>	Strip log

**Prepared By** Harris Jr., Stanley E.  
**Comments** Insoluble residue study

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**Date** 10/28/1945  
**Log Types** Strip log  
**Prepared By** Harris Jr., Stanley E.  
**Comments**

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**Date** 10/24/1940  
**Log Types** Strip log  
**Prepared By** Elias, M.M.  
**Comments**

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**Date**  
**Log Types** Unknown  
**Prepared By** Unknown  
**Comments**

## Stratigraphy Information

**System** Quaternary  
**Series** Pleistocene Series  
**Group** Pre-Illinoian  
**Formation**  
**Member**  
**Submember**  
**Start Depth** 0.00 ft      **End Depth** 45.00 ft  
**Contact Accuracy**  
**Penetration**  
**Primary Lithology** Gumbotil      **Percent** 0  
**Secondary Lithology** Sand      **Percent** 0  
**Tertiary Lithology** Unknown      **Percent** 0  
**Comments**

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**System** Quaternary  
**Series** Pleistocene Series  
**Group**  
**Formation**  
**Member**  
**Submember**  
**Start Depth** 45.00 ft      **End Depth** 70.00 ft  
**Contact Accuracy**  
**Penetration**  
**Primary Lithology** Sand And Gravel      **Percent** 0  
**Secondary Lithology**      **Percent**  
**Tertiary Lithology**      **Percent**  
**Comments**

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<b>System</b>	Pennsylvanian (Subsystem Of Carboniferous System)		
<b>Series</b>			
<b>Group</b>	Cherokee		
<b>Formation</b>			
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	70.00 ft	<b>End Depth</b>	144.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Shale	<b>Percent</b>	0
<b>Secondary Lithology</b>	Sandstone	<b>Percent</b>	0
<b>Tertiary Lithology</b>	Siltstone	<b>Percent</b>	0
<b>Comments</b>			

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<b>System</b>	Mississippian (Subsystem Of Carboniferous System)		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>	St. Louis		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	144.00 ft	<b>End Depth</b>	225.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Limestone	<b>Percent</b>	0
<b>Secondary Lithology</b>	Sandstone	<b>Percent</b>	0
<b>Tertiary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Comments</b>			

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<b>System</b>	Mississippian (Subsystem Of Carboniferous System)		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>	Spergen		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	225.00 ft	<b>End Depth</b>	235.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Secondary Lithology</b>	Sandstone	<b>Percent</b>	0
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Mississippian (Subsystem Of Carboniferous System)		
<b>Series</b>			
<b>Group</b>	Augusta		
<b>Formation</b>	Warsaw		
<b>Member</b>			
<b>Submember</b>			

<b>Start Depth</b>	235.00 ft	<b>End Depth</b>	270.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Shale	<b>Percent</b>	0
<b>Secondary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Tertiary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	0
<b>Comments</b>			

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<b>System</b>	Mississippian (Subsystem Of Carboniferous System)		
<b>Series</b>			
<b>Group</b>	Augusta		
<b>Formation</b>	Keokuk		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	270.00 ft	<b>End Depth</b>	315.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Limestone	<b>Percent</b>	0
<b>Secondary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	0
<b>Tertiary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Comments</b>			

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<b>System</b>	Mississippian (Subsystem Of Carboniferous System)		
<b>Series</b>			
<b>Group</b>	Augusta		
<b>Formation</b>	Burlington		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	315.00 ft	<b>End Depth</b>	395.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Ls/Dol Mixed	<b>Percent</b>	0
<b>Secondary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	0
<b>Tertiary Lithology</b>	Shale	<b>Percent</b>	0
<b>Comments</b>			

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<b>System</b>	Unknown		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>			
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	395.00 ft	<b>End Depth</b>	480.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Limestone	<b>Percent</b>	0
<b>Secondary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Tertiary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	0
<b>Comments</b>			

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<b>System</b>	Mississippian (Subsystem Of Carboniferous System)		
<b>Series</b>			
<b>Group</b>	North Hill		
<b>Formation</b>	Mccraney		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	480.00 ft	<b>End Depth</b>	525.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Limestone	<b>Percent</b>	0
<b>Secondary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Devonian		
<b>Series</b>			
<b>Group</b>	Yellow Spring (New Albany)		
<b>Formation</b>	Maple Mill		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	525.00 ft	<b>End Depth</b>	530.00 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>			

## Chip Storage Information

<b>Date</b>			
<b>Storage</b>	WH8-6	<b>Bin</b>	
<b>Number of Boxes</b>	1	<b>Number of Samples</b>	89
<b>Sample Intervals</b>	0	<b>Sample Gaps</b>	0-2
<b>Sample Top</b>	2 ft	<b>Sample Bottom</b>	530 ft
<b>Washed Top</b>	0 ft	<b>Washed Bottom</b>	0 ft
<b>Duplicate Storage</b>	IR-B9		
<b>Comments</b>			

<https://www.iuhr.uiowa.edu/igs/geosam/well/1307/general-information>