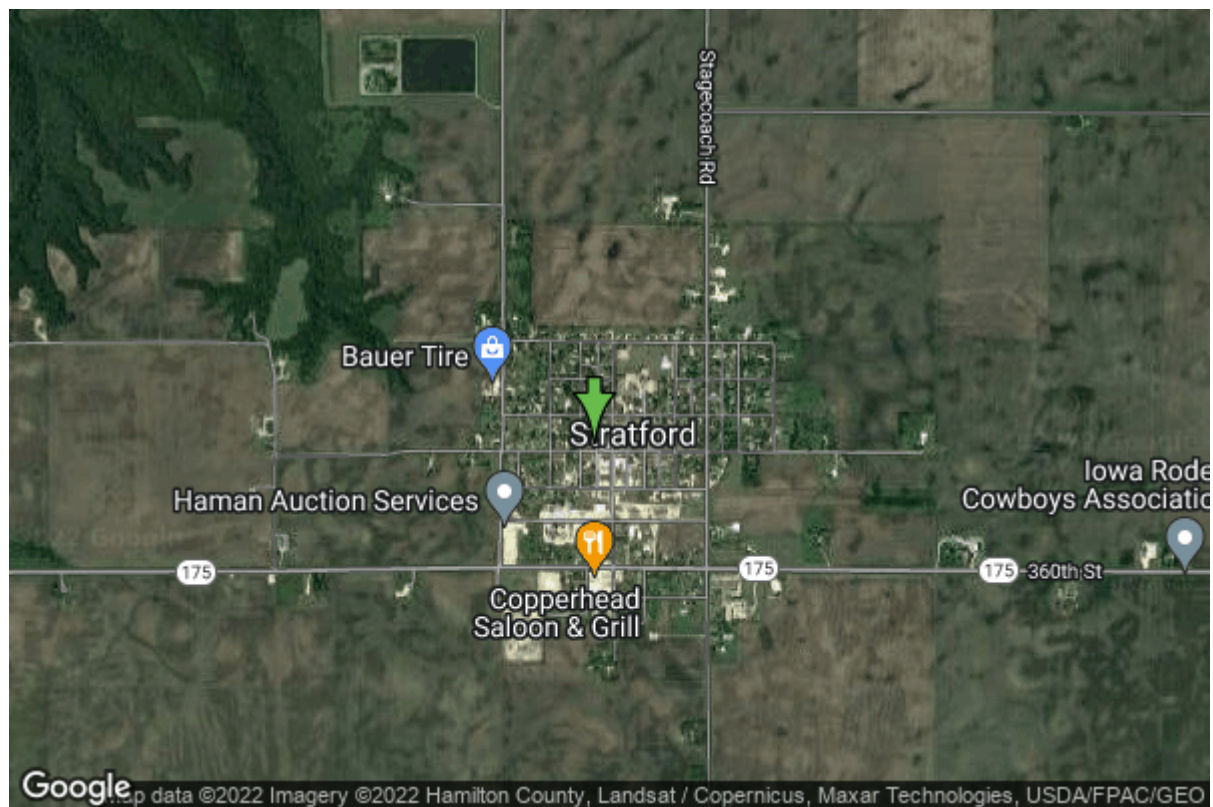


# Well W#10811 Information



<b>Date Received</b>		<b>State</b>	Iowa
<b>Owner Name</b>	Stratford, City Of	<b>County</b>	Hamilton
<b>Alt Name</b>	#3	<b>Quadrangle</b>	Stratford, Iowa
<b>WNumber</b>	10811	<b>Township</b>	T86N
<b>PWTS ID</b>	0	<b>Range</b>	R26W
<b>PWS ID</b>	4051002	<b>Section</b>	7
<b>Storet ID</b>	0	<b>Quarter</b>	SW NW SE
<b>SDWIS ID</b>	2408653	<b>Latitude</b>	42.2717440000
<b>USGS ID</b>	0	<b>Longitude</b>	-93.9272680000
<b>Project</b>	Source Water Protection	<b>Accuracy</b>	
<b>Operator</b>	Unknown	<b>UTM X</b>	423533
		<b>UTM Y</b>	4680365

<b>Site Type</b>	Drilled hole	<b>Drilling Company</b>	Thorpe Well Co.
<b>Well Status</b>	Not Used	<b>Drilling Date</b>	08/20/1959
<b>Field Located</b>	No	<b>Drilling Method</b>	Rotary
<b>Elevation</b>	1110 ft	<b>Bedrock Depth</b>	0 ft
<b>Elevation Accuracy</b>	Digital Elevation Model Accurate to 5 ft	<b>Well Depth</b>	550 ft
<b>Landscape Position</b>	Unknown	<b>Total Depth</b>	1345 ft
		<b>Well Types</b>	Municipal, Public Supply
		<b>Aquifers</b>	Mississippian

## Casing Construction Information

<b>Date</b>	01/01/1959	<b>Casing Type</b>	Steel
<b>Start Depth</b>	0.00 ft	<b>End Depth</b>	355.00 ft

<b>Diameter</b>	12.00 in	<b>Amount</b>	355.00 ft
<b>Comments</b>			
<b>Date</b>	01/01/1959	<b>Casing Type</b>	Steel
<b>Start Depth</b>	355.00 ft	<b>End Depth</b>	480.00 ft
<b>Diameter</b>	8.00 in	<b>Amount</b>	125.00 ft
<b>Comments</b>			
<b>Date</b>	01/01/1959	<b>Casing Type</b>	Steel
<b>Start Depth</b>	500.00 ft	<b>End Depth</b>	520.00 ft
<b>Diameter</b>	8.00 in	<b>Amount</b>	20.00 ft
<b>Comments</b>			
<b>Date</b>	01/01/1959	<b>Casing Type</b>	Perforated Steel
<b>Start Depth</b>	480.00 ft	<b>End Depth</b>	500.00 ft
<b>Diameter</b>	8.00 in	<b>Amount</b>	20.00 ft
<b>Comments</b>			
<b>Date</b>	01/01/1959	<b>Casing Type</b>	Perforated Steel
<b>Start Depth</b>	0.00 ft	<b>End Depth</b>	0.00 ft
<b>Diameter</b>	0.00 in	<b>Amount</b>	0.00 ft
<b>Comments</b>			

## Log Information

<b>Date</b>	01/01/1960		
<b>Log Types</b>	Strip log		
<b>Prepared By</b>	Unknown		
<b>Comments</b>			
<b>Date</b>			
<b>Log Types</b>	Drillers log		
<b>Prepared By</b>	Stratford, City Of		
<b>Comments</b>			

## Stratigraphy Information

<b>System</b>	Quaternary		
<b>Series</b>	Pleistocene Series		
<b>Group</b>			
<b>Formation</b>			
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	0.00 ft	<b>End Depth</b>	318.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Till	<b>Percent</b>	0

<b>Secondary Lithology</b>	Sand And Gravel	<b>Percent</b>	0
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Pennsylvanian (Subsystem Of Carboniferous System)		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>			
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	318.00 ft	<b>End Depth</b>	360.00 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>	Coal	<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>			
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	360.00 ft	<b>End Depth</b>	371.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Secondary Lithology</b>	Limestone	<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>	Sub-Augusta		
<b>Formation</b>	Gilmore City		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	371.00 ft	<b>End Depth</b>	495.00 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>	Unknown	<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>	Sub-Augusta		

<b>Formation</b>	Gilmore City		
<b>Member</b>	Iowa Falls Dolomite		
<b>Submember</b>			
<b>Start Depth</b>	495.00 ft	<b>End Depth</b>	545.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Secondary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	0
<b>Tertiary Lithology</b>	Limestone	<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>	Sub-Augusta		
<b>Formation</b>	Maynes Creek		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	545.00 ft	<b>End Depth</b>	624.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Secondary Lithology</b>	Chert/Chalcedony	<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>	North Hill		
<b>Formation</b>	Prospect Hill		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	624.00 ft	<b>End Depth</b>	638.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Siltstone	<b>Percent</b>	0
<b>Secondary Lithology</b>	Sand	<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>	638.00 ft	<b>End Depth</b>	675.00 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>			
<b>System</b>	Devonian		
<b>Series</b>			
<b>Group</b>	Yellow Spring (New Albany)		
<b>Formation</b>	Lime Creek		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	675.00 ft	<b>End Depth</b>	789.00 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>			

<b>System</b>	Devonian		
<b>Series</b>			
<b>Group</b>	Cedar Valley		
<b>Formation</b>	Coralville		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	789.00 ft	<b>End Depth</b>	995.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Secondary Lithology</b>	Limestone	<b>Percent</b>	0
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

<b>System</b>	Devonian		
<b>Series</b>			
<b>Group</b>	Cedar Valley		
<b>Formation</b>	Little Cedar		
<b>Member</b>	Rapid		
<b>Submember</b>			
<b>Start Depth</b>	995.00 ft	<b>End Depth</b>	1215.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Secondary Lithology</b>	Gypsum/Anhydrite	<b>Percent</b>	0
<b>Tertiary Lithology</b>	Shale	<b>Percent</b>	0
<b>Comments</b>			

<b>System</b>	Devonian		
<b>Series</b>			
<b>Group</b>	Cedar Valley		

<b>Formation</b>	Little Cedar		
<b>Member</b>	Solon		
<b>Submember</b>			
<b>Start Depth</b>	1215.00 ft	<b>End Depth</b>	1257.00 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>	Shale	<b>Percent</b>	0
<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>	1257.00 ft	<b>End Depth</b>	1297.00 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>			

## Water Production Information

<b>Date</b>	01/01/1959	<b>Start Time</b>	
<b>Aquifer</b>	Unknown		
<b>Static Water Level</b>	105.00 ft	<b>Yield</b>	250 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>	Unknown	<b>Duration</b>	0 mins
<b>Comments</b>			

## Chip Storage Information

<b>Date</b>	08/10/1959		
<b>Storage</b>	SB1-16; SB2-1,2	<b>Bin</b>	
<b>Number of Boxes</b>	3	<b>Number of Samples</b>	269
<b>Sample Intervals</b>	5	<b>Sample Gaps</b>	90-95
<b>Sample Top</b>	0 ft	<b>Sample Bottom</b>	1345 ft
<b>Washed Top</b>	360 ft	<b>Washed Bottom</b>	1345 ft
<b>Duplicate Storage</b>			
<b>Comments</b>			