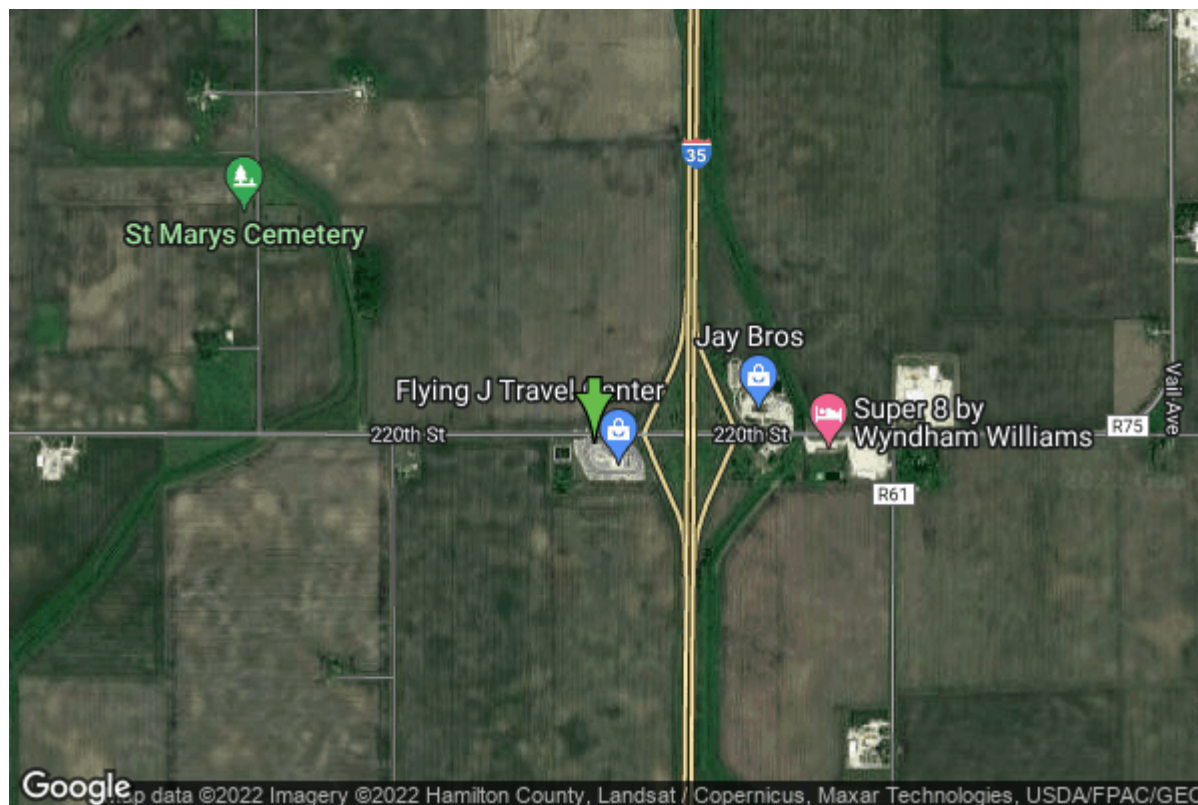


# Well W#75326 Information



<b>Date Received</b>	11/02/2012	<b>State</b>	Iowa
<b>Owner Name</b>	Flying J No 572	<b>County</b>	Hamilton
<b>Alt Name</b>	Well #3	<b>Quadrangle</b>	Williams, Iowa
<b>WNumber</b>	75326	<b>Township</b>	T88N
<b>PWTS ID</b>	0	<b>Range</b>	R23W
<b>PWS ID</b>	4070204	<b>Section</b>	6
<b>Storet ID</b>	0	<b>Quarter</b>	NW NE NE
<b>SDWIS ID</b>	2589360	<b>Latitude</b>	42.4707370000
<b>USGS ID</b>	0	<b>Longitude</b>	-93.5722500000
<b>Project</b>	Source Water Protection	<b>Accuracy</b>	
<b>Operator</b>	Unknown	<b>UTM X</b>	452958
		<b>UTM Y</b>	4702202

<b>Site Type</b>	Drilled hole	<b>Drilling Company</b>	Shawver Well Co.
<b>Well Status</b>	Primary	<b>Drilling Date</b>	10/24/2012
<b>Field Located</b>	No	<b>Drilling Method</b>	Rotary
<b>Elevation</b>	1188 ft	<b>Bedrock Depth</b>	161 ft
<b>Elevation Accuracy</b>	Digital Elevation Model Accurate to 20 ft	<b>Well Depth</b>	403 ft
<b>Landscape Position</b>	Level Surface	<b>Total Depth</b>	403 ft
		<b>Well Types</b>	Municipal, Public Supply
		<b>Aquifers</b>	Mississippian

## Hole Construction Information

<b>Date</b>	10/24/2012	<b>Depth</b>	175.00 ft
<b>Diameter</b>	12.25 in		

## Comments

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Date	10/24/2012	Depth	403.00 ft
Diameter	7.88 in		
Comments			

## Casing Construction Information

Date	10/24/2012	Casing Type	Steel
Start Depth	-3.00 ft	End Depth	175.00 ft
Diameter	8.00 in	Amount	178.00 ft
Comments			

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Date	10/24/2012	Casing Type	Steel
Start Depth	161.00 ft	End Depth	181.00 ft
Diameter	7.00 in	Amount	20.00 ft
Comments			

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Date	10/24/2012	Casing Type	Perforated Steel
Start Depth	181.00 ft	End Depth	403.00 ft
Diameter	7.00 in	Amount	222.00 ft
Comments			

## Grout Construction Information

Date	10/24/2012	Grout Placement	Unknown
Grout Type	Neat Cement	End Depth	403.00 ft
Start Depth	0.00 ft		
Comments			

## Log Information

Date	02/10/2016		
Log Types	Strip log		
Prepared By	Langel, Richard J.		
Comments			

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Date			
Log Types	Drillers log		
Prepared By	Unknown		
Comments			

# Stratigraphy Information

<b>System</b>	Quaternary		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>			
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	0.00 ft	<b>End Depth</b>	160.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Till - Unoxidized And Unleached	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

<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>	160.00 ft	<b>End Depth</b>	165.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Shale	<b>Percent</b>	80
<b>Secondary Lithology</b>	Sandstone	<b>Percent</b>	20
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

<b>System</b>	Mississippian (Subsystem Of Carboniferous System)		
<b>Series</b>			
<b>Group</b>	Sub-Augusta		
<b>Formation</b>	Gilmore City		
<b>Member</b>	Alden Limestone		
<b>Submember</b>			
<b>Start Depth</b>	165.00 ft	<b>End Depth</b>	240.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Limestone	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

<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>	240.00 ft	<b>End Depth</b>	275.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	50
<b>Secondary Lithology</b>	Shale	<b>Percent</b>	30
<b>Tertiary Lithology</b>	Limestone	<b>Percent</b>	20
<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>	Eagle City		
<b>Submember</b>			
<b>Start Depth</b>	275.00 ft	<b>End Depth</b>	305.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Limestone	<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>	Mississippian (Subsystem Of Carboniferous System)		
<b>Series</b>			
<b>Group</b>	Sub-Augusta		
<b>Formation</b>	Maynes Creek		
<b>Member</b>	Wassonville		
<b>Submember</b>			
<b>Start Depth</b>	305.00 ft	<b>End Depth</b>	403.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	80
<b>Secondary Lithology</b>	Limestone	<b>Percent</b>	15
<b>Tertiary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	5
<b>Comments</b>			

## Water Production Information

<b>Date</b>	10/24/2012	<b>Start Time</b>	
<b>Aquifer</b>	Unknown	<b>Yield</b>	60 gallons per minute
<b>Static Water Level</b>	59.00 ft	<b>Yield Method</b>	Estimate
<b>Pumping Water Level</b>	180 ft	<b>Pump Test</b>	Yes
<b>Measurement</b>	Electric Line	<b>Duration</b>	60 mins
<b>Pump Method</b>	Airlifted		
<b>Comments</b>			

# Chip Storage Information

<b>Date</b>	02/26/2013	<b>Bin</b>	
<b>Storage</b>	OD6-496>497	<b>Number of Samples</b>	80
<b>Number of Boxes</b>	2	<b>Sample Gaps</b>	275-80
<b>Sample Intervals</b>	5	<b>Sample Bottom</b>	403 ft
<b>Sample Top</b>	0 ft	<b>Washed Bottom</b>	403 ft
<b>Washed Top</b>	160 ft		
<b>Duplicate Storage</b>			
<b>Comments</b>			

<https://www.iihr.uiowa.edu/igs/geosam/well/75326/general-information>