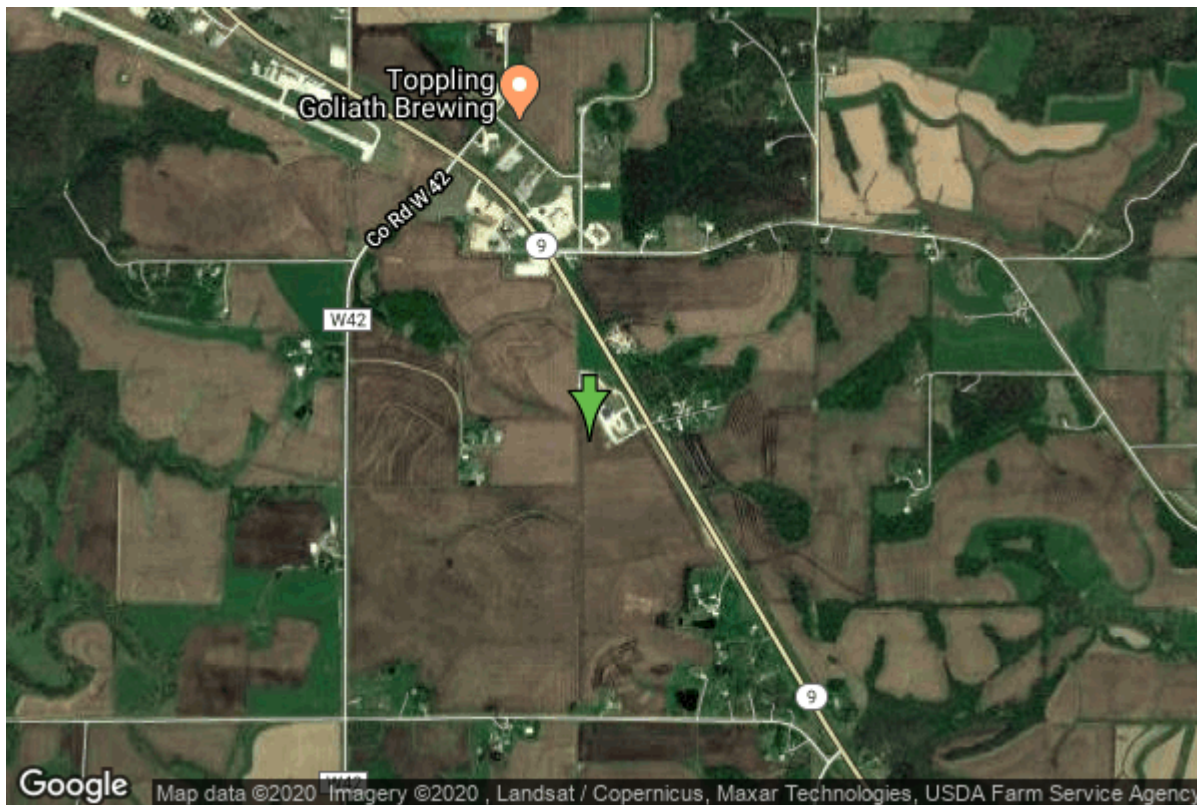


# Well W#77795 Information



<b>Date Received</b>		<b>State</b>	Iowa
<b>Owner Name</b>	Henning Commercial Subdivision	<b>County</b>	Winneshiek
<b>Alt Name</b>		<b>Quadrangle</b>	Freeport, Iowa
<b>WNumber</b>	77795	<b>Township</b>	T98N
<b>PWTS ID</b>	0	<b>Range</b>	R7W
<b>PWS ID</b>	9630209	<b>Section</b>	31
<b>Storet ID</b>	0	<b>Quarter</b>	NW SW SW
<b>SDWIS ID</b>	0	<b>Latitude</b>	43.2641296600
<b>USGS ID</b>	0	<b>Longitude</b>	-91.7226402900
<b>Project</b>	Unknown	<b>Accuracy</b>	
<b>Operator</b>	Unknown	<b>UTM X</b>	603670
		<b>UTM Y</b>	4790938

<b>Site Type</b>	Drilled hole	<b>Drilling Company</b>	Shawver Well Co.
<b>Well Status</b>	Unknown	<b>Drilling Date</b>	05/30/2006
<b>Field Located</b>	No	<b>Drilling Method</b>	Rotary
<b>Elevation</b>	1181 ft	<b>Bedrock Depth</b>	15 ft
<b>Elevation Accuracy</b>	Topo Map Accurate to 2 ft	<b>Well Depth</b>	596 ft
<b>Landscape Position</b>	Unknown	<b>Total Depth</b>	596 ft
		<b>Well Types</b>	Public Supply
		<b>Aquifers</b>	

## Hole Construction Information

<b>Date</b>	05/30/2006	<b>Depth</b>	20.00 ft
<b>Diameter</b>	12.25 in		

## Comments

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Date	05/30/2006	Depth	462.00 ft
Diameter	9.88 in		
Comments			

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Date	05/30/2006	Depth	596.00 ft
Diameter	6.25 in		
Comments			

## Casing Construction Information

Date	05/30/2006	Casing Type	Steel
Start Depth	-4.00 ft	End Depth	462.00 ft
Diameter	7.00 in	Amount	466.00 ft
Comments			

## Grout Construction Information

Date	05/30/2006	Grout Placement	Tremie
Grout Type	Bentonite (Clay)	End Depth	462.00 ft
Start Depth	0.00 ft		
Comments			

## Log Information

Date	05/30/2006
Log Types	Drillers log
Prepared By	Shawver Well Co.
Comments	

## Formation Information

Formation Color	Brown	Formation Lithology	clay
Start Depth	0.00 ft	End Depth	15.00 ft
Comments			

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Formation Color	Brown	Formation Lithology	limestone
Start Depth	15.00 ft	End Depth	18.00 ft
Comments			

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Formation Color	Gray	Formation Lithology	shale
Start Depth	18.00 ft	End Depth	42.00 ft
Comments			

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<b>Formation Color</b>	Brown	<b>Formation Lithology</b>	shale
<b>Start Depth</b>	42.00 ft	<b>End Depth</b>	54.00 ft
<b>Comments</b>			

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<b>Formation Color</b>	Brown	<b>Formation Lithology</b>	limestone
<b>Start Depth</b>	54.00 ft	<b>End Depth</b>	84.00 ft
<b>Comments</b>			

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<b>Formation Color</b>	Brown	<b>Formation Lithology</b>	limestone
<b>Start Depth</b>	84.00 ft	<b>End Depth</b>	144.00 ft
<b>Comments</b>			

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<b>Formation Color</b>	Gray	<b>Formation Lithology</b>	limestone
<b>Start Depth</b>	144.00 ft	<b>End Depth</b>	148.00 ft
<b>Comments</b>			

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<b>Formation Color</b>	Brown	<b>Formation Lithology</b>	limestone
<b>Start Depth</b>	148.00 ft	<b>End Depth</b>	150.00 ft
<b>Comments</b>			

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<b>Formation Color</b>	Gray/Brownish	<b>Formation Lithology</b>	limestone
<b>Start Depth</b>	150.00 ft	<b>End Depth</b>	164.00 ft
<b>Comments</b>			

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<b>Formation Color</b>	Gray/Brownish	<b>Formation Lithology</b>	limestone
<b>Start Depth</b>	164.00 ft	<b>End Depth</b>	274.00 ft
<b>Comments</b>			

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<b>Formation Color</b>	Blue	<b>Formation Lithology</b>	shale
<b>Start Depth</b>	274.00 ft	<b>End Depth</b>	314.00 ft
<b>Comments</b>			

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<b>Formation Color</b>	Brown	<b>Formation Lithology</b>	limestone
<b>Start Depth</b>	314.00 ft	<b>End Depth</b>	340.00 ft
<b>Comments</b>			

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<b>Formation Color</b>	Blue	<b>Formation Lithology</b>	shale
<b>Start Depth</b>	340.00 ft	<b>End Depth</b>	345.00 ft
<b>Comments</b>			

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<b>Formation Color</b>	White	<b>Formation Lithology</b>	sandstone
<b>Start Depth</b>	345.00 ft	<b>End Depth</b>	412.00 ft
<b>Comments</b>			

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<b>Formation Color</b>	Brown	<b>Formation Lithology</b>	limestone
<b>Start Depth</b>	412.00 ft	<b>End Depth</b>	457.00 ft
<b>Comments</b>			

## Comments

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<b>Formation Color</b>	White	<b>Formation Lithology</b>	sandstone
<b>Start Depth</b>	457.00 ft	<b>End Depth</b>	462.00 ft
<b>Comments</b>			

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<b>Formation Color</b>	Brown	<b>Formation Lithology</b>	limestone
<b>Start Depth</b>	462.00 ft	<b>End Depth</b>	470.00 ft
<b>Comments</b>			

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<b>Formation Color</b>	White	<b>Formation Lithology</b>	sandstone
<b>Start Depth</b>	470.00 ft	<b>End Depth</b>	480.00 ft
<b>Comments</b>			

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<b>Formation Color</b>	Brown	<b>Formation Lithology</b>	limestone
<b>Start Depth</b>	480.00 ft	<b>End Depth</b>	596.00 ft
<b>Comments</b>			

## Water Production Information

<b>Date</b>	05/30/2006	<b>Start Time</b>	
<b>Aquifer</b>	Unknown		
<b>Static Water Level</b>	318.00 ft	<b>Yield</b>	50 gallons per minute
<b>Pumping Water Level</b>	440 ft	<b>Yield Method</b>	Estimate
<b>Measurement</b>	Electric Line	<b>Pump Test</b>	No
<b>Pump Method</b>	Unknown	<b>Duration</b>	0 mins
<b>Comments</b>			

<https://www.iuhr.uiowa.edu/igs/geosam/well/77795/general-information>