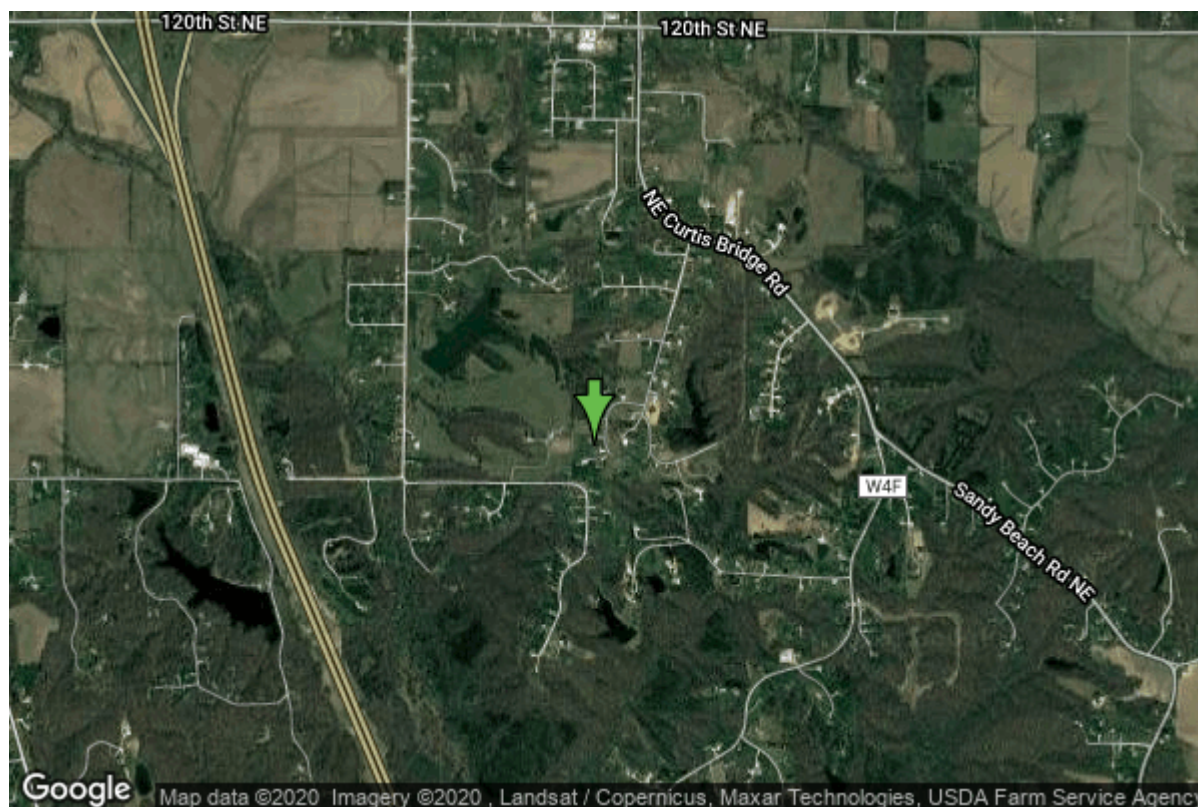


# Well W#63845 Information



<b>Date Received</b>	06/20/2007	<b>State</b>	Iowa
<b>Owner Name</b>	Lakewoods #1 Gaddis	<b>County</b>	Johnson
<b>Alt Name</b>	GADDIS	<b>Quadrangle</b>	Swisher, Iowa
<b>WNumber</b>	63845	<b>Township</b>	T81N
<b>PWTS ID</b>	0	<b>Range</b>	R7W
<b>PWS ID</b>	5280305	<b>Section</b>	10
<b>Storet ID</b>	0	<b>Quarter</b>	SW SE SE
<b>SDWIS ID</b>	2586242	<b>Latitude</b>	41.8343080000
<b>USGS ID</b>	0	<b>Longitude</b>	-91.6473110000
<b>Project</b>	Source Water Protection	<b>Accuracy</b>	
<b>Operator</b>	Unknown	<b>UTM X</b>	612318
		<b>UTM Y</b>	4632264

<b>Site Type</b>	Drilled hole	<b>Drilling Company</b>	Gingerich Well Co.
<b>Well Status</b>	Active	<b>Drilling Date</b>	05/07/2007
<b>Field Located</b>	No	<b>Drilling Method</b>	Rotary
<b>Elevation</b>	840 ft	<b>Bedrock Depth</b>	276 ft
<b>Elevation Accuracy</b>	Digital Elevation Model Accurate to 5 ft	<b>Well Depth</b>	520 ft
<b>Landscape Position</b>	Upland	<b>Total Depth</b>	520 ft
		<b>Well Types</b>	Public Supply
		<b>Aquifers</b>	Silurian

## Hole Construction Information

<b>Date</b>	05/07/2007	<b>Depth</b>	400.00 ft
<b>Diameter</b>	12.80 in		

## Comments

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Date	05/07/2007		
Diameter	8.00 in	Depth	520.00 ft
Comments			

## Casing Construction Information

Date	05/07/2007	Casing Type	Steel
Start Depth	-1.00 ft	End Depth	400.00 ft
Diameter	8.00 in	Amount	401.00 ft
Comments			

## Grout Construction Information

Date	05/07/2007		
Grout Type	Cement	Grout Placement	Haliburton With Plug
Start Depth	0.00 ft	End Depth	400.00 ft
Comments			

## Log Information

Date	06/09/2011
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	Pleistocene Series		
Group			
Formation			
Member			
Submember			
Start Depth	0.00 ft	End Depth	276.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till	Percent	57
Secondary Lithology	Sand And Gravel	Percent	35

<b>Tertiary Lithology</b>	Silt	<b>Percent</b>	8
<b>Comments</b>	contact based in part on drillers log		
<b>System</b>	Silurian		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>			
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	276.00 ft	<b>End Depth</b>	450.00 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>			
<b>System</b>	Silurian		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>	Blanding		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	450.00 ft	<b>End Depth</b>	517.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	88
<b>Secondary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	12
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			
<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>	517.00 ft	<b>End Depth</b>	520.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Shale	<b>Percent</b>	60
<b>Secondary Lithology</b>	Dolomite	<b>Percent</b>	40
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

## Water Production Information

<b>Date</b>	05/08/2007	<b>Start Time</b>	14:30
<b>Aquifer</b>	Bedrock		
<b>Static Water Level</b>	170.00 ft	<b>Yield</b>	90 gallons per minute
<b>Pumping Water Level</b>	240 ft	<b>Yield Method</b>	Estimate
<b>Measurement</b>	Estimate	<b>Pump Test</b>	Yes
<b>Pump Method</b>	Airlifted	<b>Duration</b>	4 mins
<b>Comments</b>			

## Chip Storage Information

<b>Date</b>	07/18/2007		
<b>Storage</b>	OD4-1484>1485	<b>Bin</b>	
<b>Number of Boxes</b>	2	<b>Number of Samples</b>	103
<b>Sample Intervals</b>	5	<b>Sample Gaps</b>	395-400
<b>Sample Top</b>	0 ft	<b>Sample Bottom</b>	520 ft
<b>Washed Top</b>	280 ft	<b>Washed Bottom</b>	520 ft
<b>Duplicate Storage</b>			
<b>Comments</b>			

<https://www.iuhr.uiowa.edu/igs/geosam/well/63845/general-information>