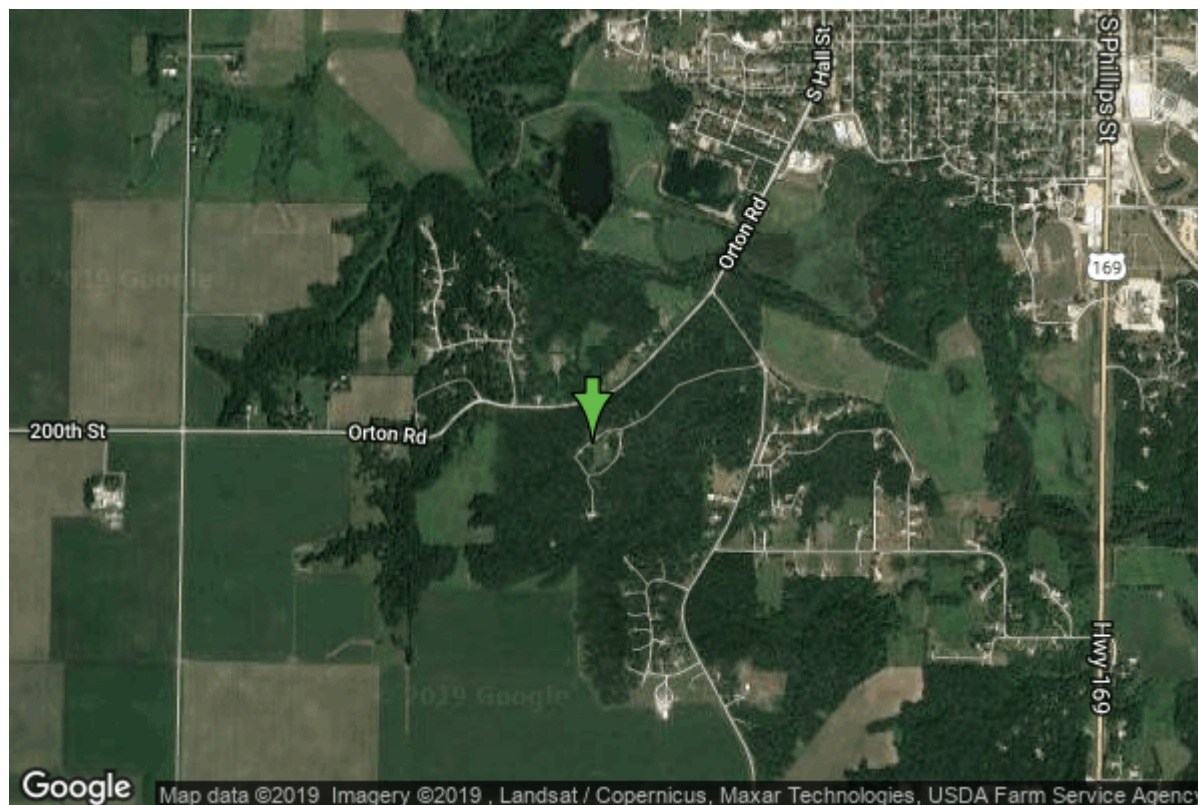


# Well W#76838 Information



<b>Date Received</b>	12/27/2013	<b>State</b>	Iowa
<b>Owner Name</b>	Ambrose A Call State Park	<b>County</b>	Kossuth
<b>Alt Name</b>	Well #4	<b>Quadrangle</b>	Algona, Iowa
<b>WNumber</b>	76838	<b>Township</b>	T95N
<b>PWTS ID</b>	0	<b>Range</b>	R29W
<b>PWS ID</b>	5502944	<b>Section</b>	15
<b>Storet ID</b>	0	<b>Quarter</b>	NE NE NE
<b>SDWIS ID</b>	2589189	<b>Latitude</b>	43.0522550000
<b>USGS ID</b>	0	<b>Longitude</b>	-94.2483930000
<b>Project</b>	Source Water Protection	<b>Accuracy</b>	
<b>Operator</b>	Unknown	<b>UTM X</b>	398331
		<b>UTM Y</b>	4767374

<b>Site Type</b>	Drilled hole	<b>Drilling Company</b>	Schumacher Well Co.
<b>Well Status</b>	Primary	<b>Drilling Date</b>	01/01/2007
<b>Field Located</b>	No	<b>Drilling Method</b>	Rotary
<b>Elevation</b>	1215 ft	<b>Bedrock Depth</b>	0 ft
<b>Elevation Accuracy</b>	Topo Map Accurate to 2 ft	<b>Well Depth</b>	195 ft
<b>Landscape Position</b>	Hillside	<b>Total Depth</b>	195 ft
		<b>Well Types</b>	Public Supply
		<b>Aquifers</b>	

## Hole Construction Information

<b>Date</b>	01/01/2007	<b>Depth</b>	195.00 ft
<b>Diameter</b>	11.00 in		

## Comments

# Casing Construction Information

Date	01/01/2007	Casing Type	PVC
Start Depth	-2.00 ft	End Depth	185.00 ft
Diameter	6.25 in	Amount	187.00 ft
Comments			

# Screen Construction Information

Date	01/01/2007	Slot Size	0.03
Screen Type	Steel	End Depth	195.00 ft
Start Depth	185.00 ft	Amount	10 ft
Diameter	6.00 in		
Comments			

# Grout Construction Information

Date	01/01/2007	Grout Placement	Unknown
Grout Type	Bentonite (Clay)	End Depth	170.00 ft
Start Depth	0.00 ft		
Comments			

# Gravel Pack Construction Information

Date	01/01/2007	Slot Size	
Gravel Pack Type	Unknown	End Depth	195.00 ft
Start Depth	175.00 ft		
Comments			

# Log Information

Date	01/01/2007		
Log Types	Drillers log		
Prepared By	Schumacher Well Co.		
Comments			

# Formation Information

Formation Color	Black	Formation Lithology	soil or fill
Start Depth	0.00 ft	End Depth	2.00 ft
Comments			

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<b>Formation Color</b>	Yellow	<b>Formation Lithology</b>	clay
<b>Start Depth</b>	2.00 ft	<b>End Depth</b>	18.00 ft
<b>Comments</b>			

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<b>Formation Color</b>	Blue	<b>Formation Lithology</b>	clay
<b>Start Depth</b>	18.00 ft	<b>End Depth</b>	63.00 ft
<b>Comments</b>			

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<b>Formation Color</b>	Black	<b>Formation Lithology</b>	coal
<b>Start Depth</b>	63.00 ft	<b>End Depth</b>	68.00 ft
<b>Comments</b>	with wood & shale		

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<b>Formation Color</b>	Blue	<b>Formation Lithology</b>	clay
<b>Start Depth</b>	68.00 ft	<b>End Depth</b>	87.00 ft
<b>Comments</b>			

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<b>Formation Color</b>	Tan	<b>Formation Lithology</b>	limestone
<b>Start Depth</b>	87.00 ft	<b>End Depth</b>	88.00 ft
<b>Comments</b>			

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<b>Formation Color</b>	Brown	<b>Formation Lithology</b>	wood debris
<b>Start Depth</b>	88.00 ft	<b>End Depth</b>	90.00 ft
<b>Comments</b>			

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<b>Formation Color</b>	Brown	<b>Formation Lithology</b>	clay
<b>Start Depth</b>	90.00 ft	<b>End Depth</b>	91.00 ft
<b>Comments</b>	sticky		

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<b>Formation Color</b>	Yellow	<b>Formation Lithology</b>	clay
<b>Start Depth</b>	91.00 ft	<b>End Depth</b>	96.00 ft
<b>Comments</b>			

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<b>Formation Color</b>	Gray	<b>Formation Lithology</b>	clay
<b>Start Depth</b>	96.00 ft	<b>End Depth</b>	100.00 ft
<b>Comments</b>			

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<b>Formation Color</b>	No Color Noted	<b>Formation Lithology</b>	shale
<b>Start Depth</b>	100.00 ft	<b>End Depth</b>	131.00 ft
<b>Comments</b>	with gravel		

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<b>Formation Color</b>	Gray	<b>Formation Lithology</b>	clay
<b>Start Depth</b>	131.00 ft	<b>End Depth</b>	160.00 ft
<b>Comments</b>			

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<b>Formation Color</b>	Gray	<b>Formation Lithology</b>	clay
<b>Start Depth</b>	160.00 ft	<b>End Depth</b>	172.00 ft
<b>Comments</b>			

<b>Comments</b>	with shale		
<b>Formation Color</b>	Red	<b>Formation Lithology</b>	clay
<b>Start Depth</b>	172.00 ft	<b>End Depth</b>	173.00 ft
<b>Comments</b>			
<b>Formation Color</b>	Red	<b>Formation Lithology</b>	sand
<b>Start Depth</b>	173.00 ft	<b>End Depth</b>	175.00 ft
<b>Comments</b>			
<b>Formation Color</b>	Tan	<b>Formation Lithology</b>	sand
<b>Start Depth</b>	175.00 ft	<b>End Depth</b>	190.00 ft
<b>Comments</b>			
<b>Formation Color</b>	Tan	<b>Formation Lithology</b>	sand
<b>Start Depth</b>	190.00 ft	<b>End Depth</b>	195.00 ft
<b>Comments</b>	coarse		

## Water Production Information

<b>Date</b>	01/01/2007	<b>Start Time</b>	
<b>Aquifer</b>	Unknown		
<b>Static Water Level</b>	104.00 ft	<b>Yield</b>	50 gallons per minute
<b>Pumping Water Level</b>	140 ft	<b>Yield Method</b>	Estimate
<b>Measurement</b>	Tape	<b>Pump Test</b>	No
<b>Pump Method</b>	Unknown	<b>Duration</b>	0 mins
<b>Comments</b>			

<https://www.iihr.uiowa.edu/igs/geosam/well/76838/general-information>