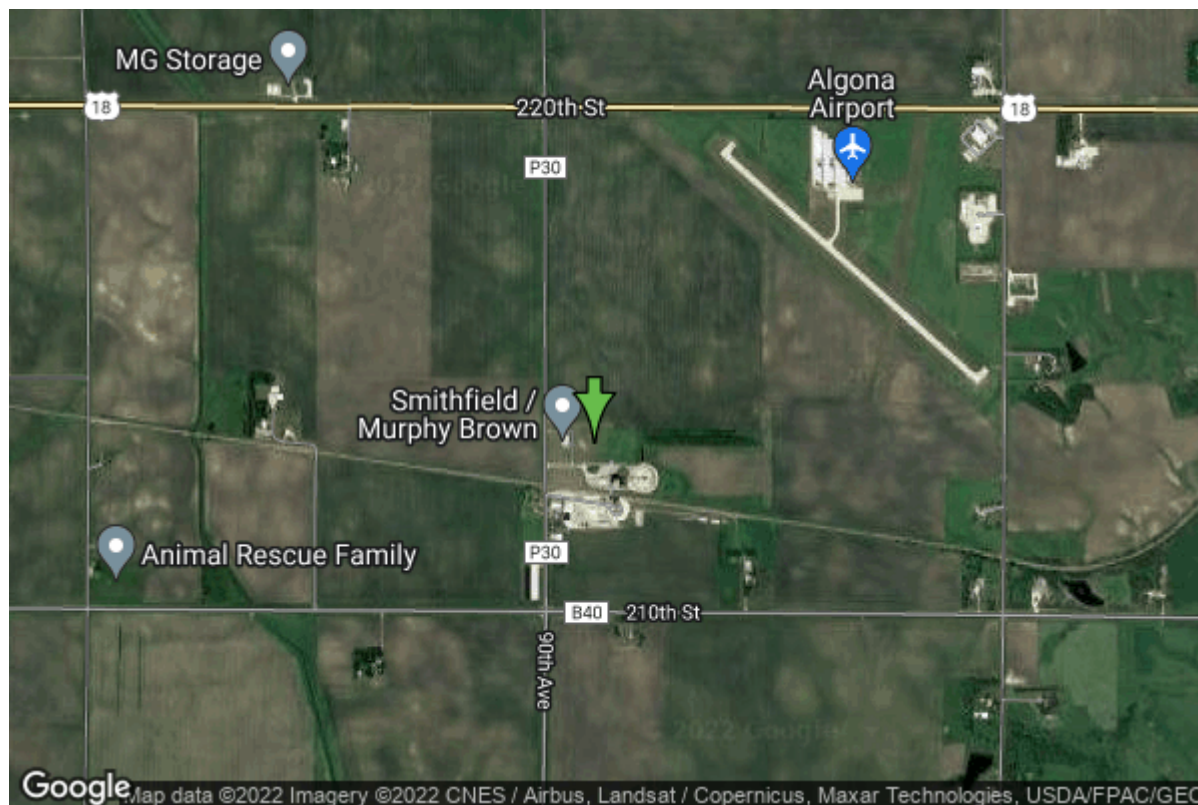


# Well W#83240 Information



<b>Date Received</b>	09/27/2016	<b>State</b>	Iowa
<b>Owner Name</b>	Murphy of Iowa	<b>County</b>	Kossuth
<b>Alt Name</b>	Feed Mill	<b>Quadrangle</b>	Hobarton, Iowa
<b>WNumber</b>	83240	<b>Township</b>	T95N
<b>PWTS ID</b>	0	<b>Range</b>	R29W
<b>PWS ID</b>	5502801	<b>Section</b>	4
<b>Storet ID</b>	0	<b>Quarter</b>	SW NW SE
<b>SDWIS ID</b>	0	<b>Latitude</b>	43.0724000000
<b>USGS ID</b>	0	<b>Longitude</b>	-94.2832000000
<b>Project</b>		<b>Accuracy</b>	
<b>Operator</b>		<b>UTM X</b>	395531
		<b>UTM Y</b>	4769654

<b>Site Type</b>	Drilled hole	<b>Drilling Company</b>	Elbert Bros Well Drilling
<b>Well Status</b>	Active	<b>Drilling Date</b>	07/21/2015
<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>	177 ft
<b>Landscape Position</b>	Unknown	<b>Total Depth</b>	177 ft
		<b>Well Types</b>	Public Supply
		<b>Aquifers</b>	

## Hole Construction Information

<b>Date</b>	07/21/2015	<b>Depth</b>	177.00 ft
<b>Diameter</b>	12.50 in		

## Comments

# Casing Construction Information

Date	07/21/2015	Casing Type	Steel
Start Depth	-2.00 ft	End Depth	6.00 ft
Diameter	10.00 in	Amount	8.00 ft
Comments			

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Date	07/21/2015	Casing Type	PVC
Start Depth	6.00 ft	End Depth	155.00 ft
Diameter	8.00 in	Amount	149.00 ft
Comments			

# Screen Construction Information

Date	07/21/2015	Slot Size	0.02
Screen Type	Steel	End Depth	177.00 ft
Start Depth	155.00 ft	Amount	22 ft
Diameter	8.00 in		
Comments			

# Grout Construction Information

Date	07/21/2015	Grout Placement	Unknown
Grout Type	Bentonite (Clay)	End Depth	145.00 ft
Start Depth	0.00 ft		
Comments	pumped into hole		

# Gravel Pack Construction Information

Date	07/21/2015	Slot Size	
Gravel Pack Type	Gravel	End Depth	177.00 ft
Start Depth	145.00 ft		
Comments			

# Pump Construction Information

Date	08/22/2015	Pump Type	Submersible
Diameter	6.00 in	Rating	85
Depth Intake	140.00 ft		
Comments			

# Log Information

Date 07/21/2015  
Log Types Drillers log  
Prepared By Elbert Bros Well Drilling  
Comments

# Formation Information

Formation Color	Black	Formation Lithology	soil or fill
Start Depth	0.00 ft	End Depth	3.00 ft
Comments			

Formation Color	Yellow	Formation Lithology	clay
Start Depth	3.00 ft	End Depth	21.00 ft
Comments			

Formation Color	Gray	Formation Lithology	clay
Start Depth	21.00 ft	End Depth	145.00 ft
Comments			

Formation Color	Yellow	Formation Lithology	sand
Start Depth	145.00 ft	End Depth	177.00 ft
Comments			

# Water Production Information

Date	08/22/2015	Start Time	
Aquifer	Unknown		
Static Water Level	91.00 ft	Yield	120 gallons per minute
Pumping Water Level	117 ft	Yield Method	Volumetric
Measurement	Electric Line	Pump Test	No
Pump Method	Airlifted	Duration	1440 mins
Comments			

# Chip Storage Information

Date		Bin	TC 5D
Storage	uncut	Number of Samples	0
Number of Boxes	0	Sample Gaps	
Sample Intervals	0	Sample Bottom	0 ft
Sample Top	0 ft	Washed Bottom	0 ft
Washed Top	0 ft		
Duplicate Storage			
Comments			

<https://www.ihr.uiowa.edu/igs/geosam/well/83240/general-information>