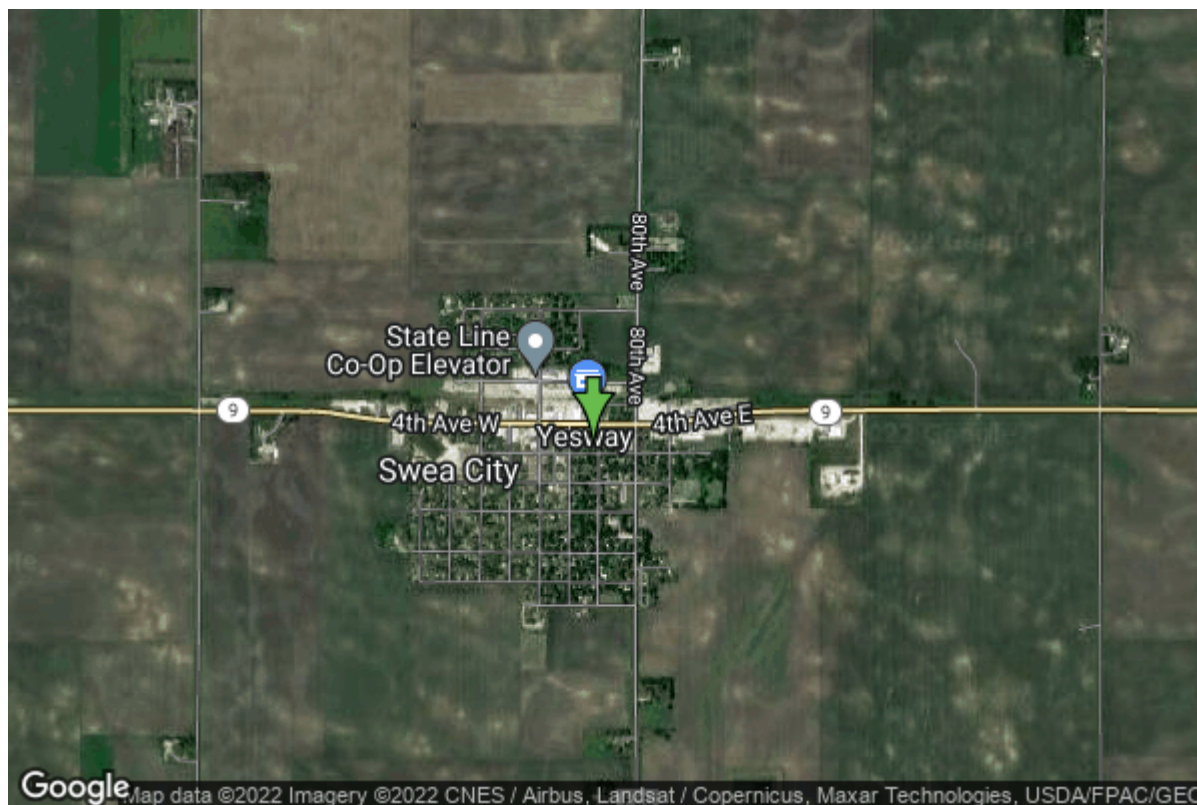


Well W#83633 Information



Date Received	11/03/2016	State	Iowa
Owner Name	Swea City, City of	County	Kossuth
Alt Name	Well #4	Quadrangle	Swea City, Iowa
WNumber	83633	Township	T99N
PWTS ID	0	Range	R29W
PWS ID	5584009	Section	19
Storet ID	0	Quarter	NE NE NE
SDWIS ID	0	Latitude	43.3843280000
USGS ID	0	Longitude	-94.3068910000
Project Operator		Accuracy	
		UTM X	394143
		UTM Y	4804324

Site Type	Drilled hole	Drilling Company	Shawver Well Co.
Well Status	Active	Drilling Date	05/25/2016
Field Located	No	Drilling Method	Unknown
Elevation	1180 ft	Bedrock Depth	143 ft
Elevation Accuracy	Topo Map Accurate to 2 ft	Well Depth	285 ft
Landscape Position	Unknown	Total Depth	285 ft
		Well Types	Public Supply
		Aquifers	

Hole Construction Information

Date	05/25/2016	Depth	20.00 ft
Diameter	19.00 in		

Comments

Date	05/25/2016	Depth	215.00 ft
Diameter	15.00 in		
Comments			

Date	05/25/2016	Depth	285.00 ft
Diameter	9.88 in		
Comments			

Casing Construction Information

Date	05/25/2016	Casing Type	Steel
Start Depth	-2.00 ft	End Depth	215.00 ft
Diameter	10.75 in	Amount	217.00 ft
Comments			

Log Information

Date	05/25/2016
Log Types	Drillers log
Prepared By	Shawver Well Co.
Comments	

Formation Information

Formation Color	No Color Noted	Formation Lithology	soil or fill
Start Depth	0.00 ft	End Depth	2.00 ft
Comments			

Formation Color	Brown	Formation Lithology	clay
Start Depth	2.00 ft	End Depth	6.00 ft
Comments			

Formation Color	Brown	Formation Lithology	clay
Start Depth	6.00 ft	End Depth	10.00 ft
Comments			

Formation Color	Brown	Formation Lithology	clay
Start Depth	10.00 ft	End Depth	16.00 ft
Comments			

Formation Color	Blue	Formation Lithology	clay
Start Depth	16.00 ft	End Depth	45.00 ft
Comments	w/ gravel		

Formation Color	No Color Noted	Formation Lithology	sand
Start Depth	45.00 ft	End Depth	76.00 ft
Comments			

Formation Color	Blue	Formation Lithology	clay
Start Depth	76.00 ft	End Depth	81.00 ft
Comments	w/ gravel		

Formation Color	No Color Noted	Formation Lithology	sand
Start Depth	81.00 ft	End Depth	96.00 ft
Comments			

Formation Color	Blue	Formation Lithology	clay
Start Depth	96.00 ft	End Depth	105.00 ft
Comments	w/ gravel		

Formation Color	Green/Bluish	Formation Lithology	clay
Start Depth	105.00 ft	End Depth	112.00 ft
Comments			

Formation Color	Gray	Formation Lithology	clay
Start Depth	112.00 ft	End Depth	120.00 ft
Comments			

Formation Color	Black	Formation Lithology	sandstone
Start Depth	120.00 ft	End Depth	123.00 ft
Comments	w/ clay		

Formation Color	Gray	Formation Lithology	clay
Start Depth	123.00 ft	End Depth	143.00 ft
Comments			

Formation Color	Tan	Formation Lithology	sandstone
Start Depth	143.00 ft	End Depth	148.00 ft
Comments			

Formation Color	Gray/Brownish	Formation Lithology	limestone
Start Depth	148.00 ft	End Depth	152.00 ft
Comments			

Formation Color	Brown	Formation Lithology	sandstone
Start Depth	152.00 ft	End Depth	169.00 ft
Comments			

Formation Color	Brown	Formation Lithology	sandstone
Start Depth	169.00 ft	End Depth	173.00 ft
Comments			

Comments

Formation Color	No Color Noted	Formation Lithology	sandstone
Start Depth	173.00 ft	End Depth	176.00 ft
Comments	w/ black clay		

Formation Color	White	Formation Lithology	shale
Start Depth	176.00 ft	End Depth	184.00 ft
Comments	w/ sandstone		

Formation Color	White	Formation Lithology	shale
Start Depth	184.00 ft	End Depth	205.00 ft
Comments			

Formation Color	White	Formation Lithology	shale
Start Depth	205.00 ft	End Depth	217.00 ft
Comments	w/ limestone		

Formation Color	Brown	Formation Lithology	limestone
Start Depth	217.00 ft	End Depth	232.00 ft
Comments	w/ shale seams		

Formation Color	Brown	Formation Lithology	limestone
Start Depth	232.00 ft	End Depth	244.00 ft
Comments	w/ shale		

Formation Color	Brown	Formation Lithology	limestone
Start Depth	244.00 ft	End Depth	257.00 ft
Comments			

Formation Color	Brown	Formation Lithology	limestone
Start Depth	257.00 ft	End Depth	285.00 ft
Comments	w/ blue shale seams		

Water Production Information

Date	05/25/2016	Start Time	
Aquifer	Unknown	Yield	340 gallons per minute
Static Water Level	38.00 ft	Yield Method	Unknown
Pumping Water Level	50 ft	Pump Test	No
Measurement	Unknown	Duration	1440 mins
Pump Method	Pumped		
Comments			

Chip Storage Information

Date	12/13/2016		
Storage	OD7-422	Bin	
Number of Boxes	1	Number of Samples	57
Sample Intervals	5	Sample Gaps	
Sample Top	0 ft	Sample Bottom	285 ft
Washed Top	145 ft	Washed Bottom	285 ft
Duplicate Storage			
Comments			

<https://www.iihr.uiowa.edu/igs/geosam/well/83633/general-information>