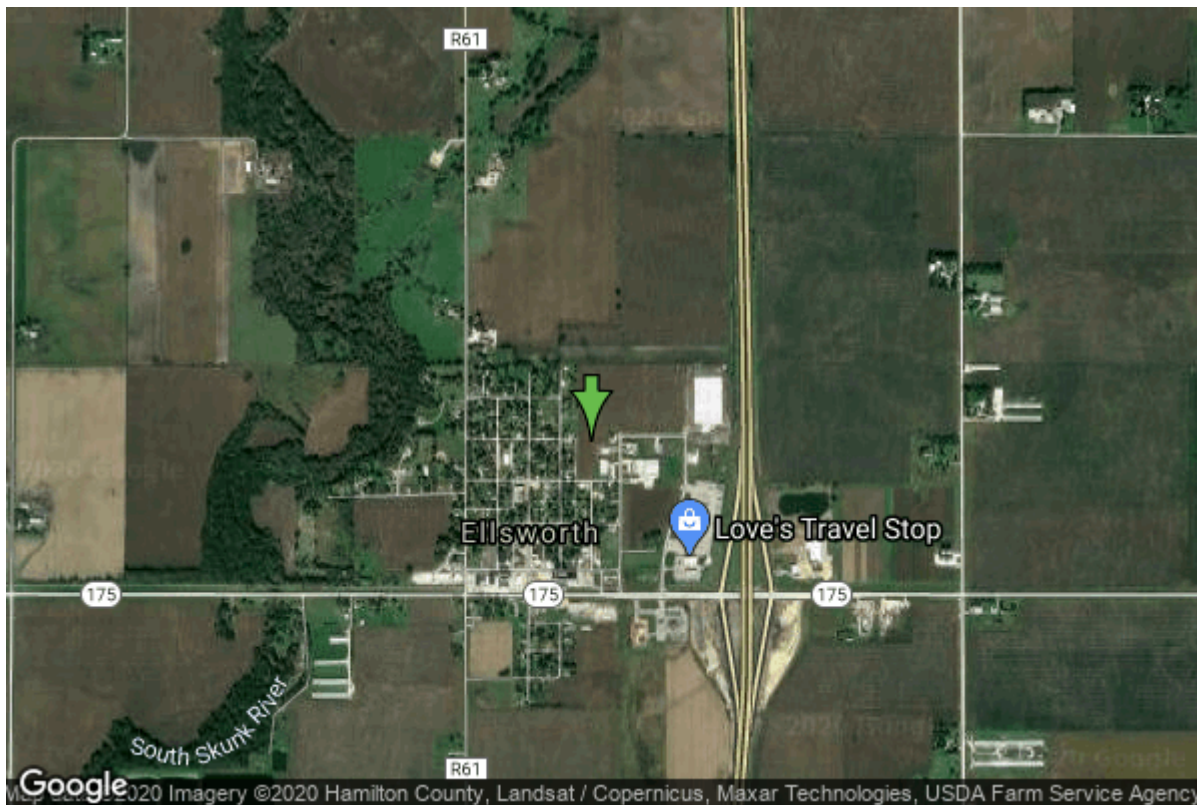


Well W#85847 Information



Date Received		State	Iowa
Owner Name	Ellsworth, City of	County	Hamilton
Alt Name	#6	Quadrangle	Ellsworth, Iowa
WNumber	85847	Township	T87N
PWTS ID	0	Range	R23W
PWS ID	4009016	Section	30
Storet ID	0	Quarter	SW NE SW
SDWIS ID	0	Latitude	42.3153060000
USGS ID	0	Longitude	-93.5754380000
Project		Accuracy	
Operator		UTM X	452580
		UTM Y	4684946

Site Type	Drilled hole	Drilling Company	Shawver Well Co.
Well Status	Active	Drilling Date	03/21/2017
Field Located	No	Drilling Method	Unknown
Elevation	1088 ft	Bedrock Depth	142 ft
Elevation Accuracy	Topo Map Accurate to 2 ft	Well Depth	416 ft
Landscape Position	Unknown	Total Depth	416 ft
		Well Types	Municipal, Public Supply
		Aquifers	

Hole Construction Information

Date	03/21/2017	Depth	41.00 ft
Diameter	21.00 in		

Comments

Date	03/21/2017	Depth	148.00 ft
Diameter	17.00 in		
Comments			

Date	03/21/2017	Depth	416.00 ft
Diameter	11.88 in		
Comments			

Casing Construction Information

Date	03/21/2017	Casing Type	Steel
Start Depth	-1.00 ft	End Depth	41.00 ft
Diameter	18.63 in	Amount	42.00 ft
Comments			

Date	03/21/2017	Casing Type	Steel
Start Depth	-1.00 ft	End Depth	148.00 ft
Diameter	12.75 in	Amount	149.00 ft
Comments			

Log Information

Date	06/06/2017
Log Types	Pump Test
Prepared By	Shawver Well Co.
Comments	

Date	03/21/2017
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	5.00 ft
Comments			

Formation Color	No Color Noted	Formation Lithology	sand and gravel
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Start Depth	5.00 ft	End Depth	12.00 ft
Comments			
Formation Color	Tan	Formation Lithology	clay
Start Depth	12.00 ft	End Depth	19.00 ft
Comments			
Formation Color	Blue	Formation Lithology	clay and gravel
Start Depth	19.00 ft	End Depth	98.00 ft
Comments			
Formation Color	No Color Noted	Formation Lithology	sand and gravel
Start Depth	98.00 ft	End Depth	104.00 ft
Comments			
Formation Color	Blue	Formation Lithology	clay
Start Depth	104.00 ft	End Depth	109.00 ft
Comments			
Formation Color	No Color Noted	Formation Lithology	sand
Start Depth	109.00 ft	End Depth	121.00 ft
Comments			
Formation Color	Blue	Formation Lithology	clay
Start Depth	121.00 ft	End Depth	124.00 ft
Comments			
Formation Color	No Color Noted	Formation Lithology	sand
Start Depth	124.00 ft	End Depth	142.00 ft
Comments			
Formation Color	Tan	Formation Lithology	limestone
Start Depth	142.00 ft	End Depth	148.00 ft
Comments			
Formation Color	Gray	Formation Lithology	limestone
Start Depth	148.00 ft	End Depth	151.00 ft
Comments			
Formation Color	Tan	Formation Lithology	limestone and shale
Start Depth	151.00 ft	End Depth	164.00 ft
Comments	blue green shale		
Formation Color	Gray/Brownish	Formation Lithology	limestone
Start Depth	164.00 ft	End Depth	183.00 ft
Comments			

Formation Color	Brown	Formation Lithology	limestone
Start Depth	183.00 ft	End Depth	341.00 ft
Comments			
Formation Color	Brown	Formation Lithology	limestone
Start Depth	341.00 ft	End Depth	367.00 ft
Comments			
Formation Color	Brown	Formation Lithology	shale
Start Depth	367.00 ft	End Depth	372.00 ft
Comments			
Formation Color	Brown	Formation Lithology	limestone
Start Depth	372.00 ft	End Depth	402.00 ft
Comments			
Formation Color	Brown	Formation Lithology	limestone
Start Depth	402.00 ft	End Depth	408.00 ft
Comments			
Formation Color	Tan	Formation Lithology	limestone
Start Depth	408.00 ft	End Depth	412.00 ft
Comments			
Formation Color	Gray	Formation Lithology	limestone
Start Depth	412.00 ft	End Depth	416.00 ft
Comments			

Water Production Information

Date	06/05/2017	Start Time	09:30
Aquifer	Unknown	Yield	600 gallons per minute
Static Water Level	59.00 ft	Yield Method	Unknown
Pumping Water Level	99 ft	Pump Test	Yes
Measurement	Unknown	Duration	605 mins
Pump Method	Unknown		
Comments			
Date	03/21/2017	Start Time	
Aquifer	Unknown	Yield	500 gallons per minute
Static Water Level	60.00 ft	Yield Method	Unknown
Pumping Water Level	136 ft	Pump Test	No
Measurement	Unknown	Duration	0 mins
Pump Method	Unknown		
Comments			

Chip Storage Information

Date		Bin	TC 5B
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.iihr.uiowa.edu/igs/geosam/well/85847/general-information>