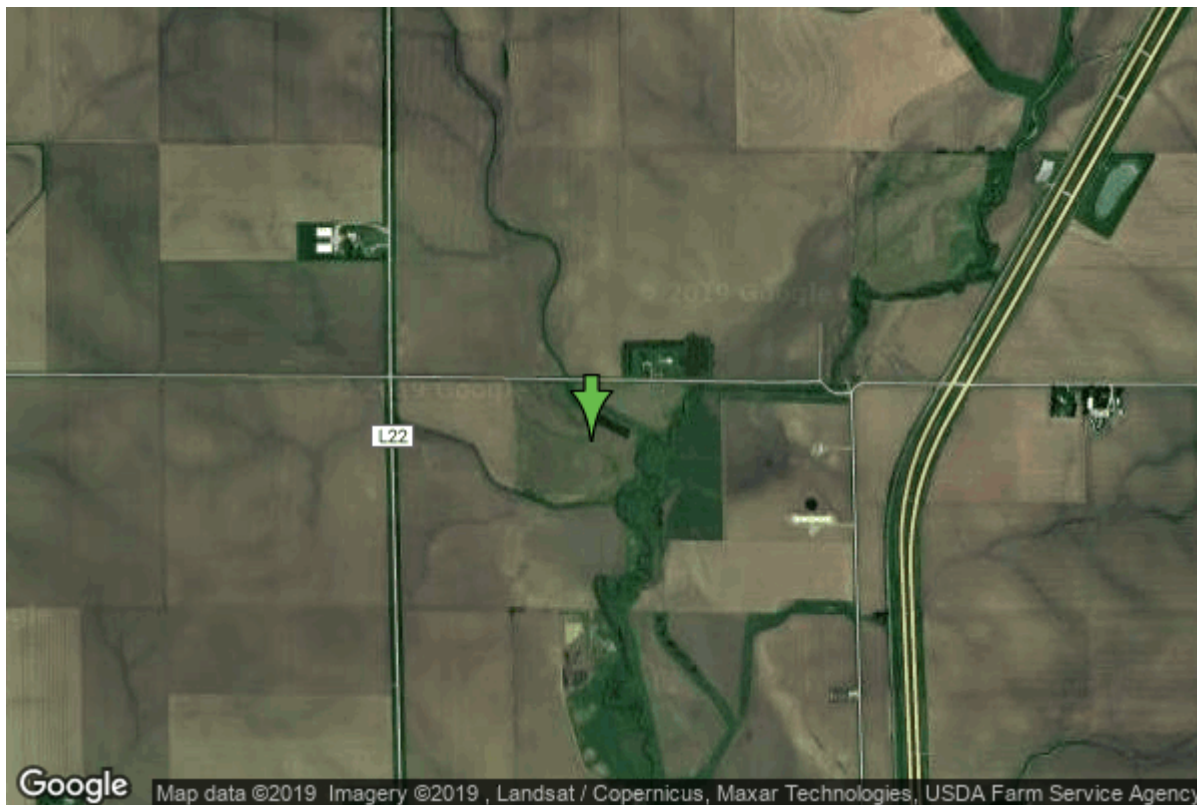


Well W#86073 Information



Date Received		State	Iowa
Owner Name	Rural Water System #1	County	Sioux
Alt Name	PL1-13	Quadrangle	Hospers, Iowa
WNumber	86073	Township	T96N
PWTS ID	0	Range	R43W
PWS ID	0	Section	27
Storet ID	0	Quarter	NW NE SE
SDWIS ID	0	Latitude	43.1109280000
USGS ID	0	Longitude	-95.9110330000
Project		Accuracy	
Operator		UTM X	263147
		UTM Y	4777247

Site Type	Drilled hole	Drilling Company	Sargent Drilling
Well Status	Active	Drilling Date	05/15/2017
Field Located	No	Drilling Method	Other
Elevation	1340 ft	Bedrock Depth	0 ft
Elevation Accuracy	Topo Map Accurate to 2 ft	Well Depth	29 ft
Landscape Position	Unknown	Total Depth	29 ft
		Well Types	Public Supply
		Aquifers	Alluvium

Hole Construction Information

Date	05/15/2017	Depth	54.00 ft
Diameter	29.00 in		

Comments

Casing Construction Information

Date	05/15/2017	Casing Type	Steel
Start Depth	0.00 ft	End Depth	20.30 ft
Diameter	20.00 in	Amount	20.30 ft
Comments			

Date	05/15/2017	Casing Type	Steel
Start Depth	24.50 ft	End Depth	28.50 ft
Diameter	20.00 in	Amount	4.00 ft
Comments			

Screen Construction Information

Date	05/15/2017	Slot Size	0.12
Screen Type	Steel	End Depth	24.50 ft
Start Depth	20.30 ft	Amount	4 ft
Diameter	20.00 in		
Comments			

Grout Construction Information

Date	05/15/2017	Grout Placement	Unknown
Grout Type	Cement	End Depth	17.00 ft
Start Depth	10.00 ft		
Comments			

Date	05/15/2017	Grout Placement	Unknown
Grout Type	Bentonite (Clay)	End Depth	19.00 ft
Start Depth	17.00 ft		
Comments			

Gravel Pack Construction Information

Date	05/15/2017	Slot Size	
Gravel Pack Type	Red Flint	End Depth	29.00 ft
Start Depth	19.00 ft		
Comments			

Log Information

Date 05/15/2017
Log Types Drillers log
Prepared By Sargent Drilling
Comments

Formation Information

Formation Color	Gray	Formation Lithology	clay
Start Depth	0.00 ft	End Depth	11.00 ft
Comments			

Formation Color	Brown	Formation Lithology	sand and gravel
Start Depth	11.00 ft	End Depth	16.00 ft
Comments			

Formation Color	Brown	Formation Lithology	gravel
Start Depth	16.00 ft	End Depth	25.00 ft
Comments			

Formation Color	Brown	Formation Lithology	clay
Start Depth	25.00 ft	End Depth	29.00 ft
Comments			

Water Production Information

Date	06/29/2017	Start Time	
Aquifer	Alluvium	Yield	23 gallons per minute
Static Water Level	14.00 ft	Yield Method	Orifice
Pumping Water Level	20 ft	Pump Test	No
Measurement	Tape	Duration	0 mins
Pump Method	Unknown		
Comments			

Chip Storage Information

Date	08/14/2017	Bin	
Storage	OD7-644	Number of Samples	4
Number of Boxes	1	Sample Gaps	19-29
Sample Intervals	5	Sample Bottom	19 ft
Sample Top	0 ft	Washed Bottom	0 ft
Washed Top	0 ft		
Duplicate Storage			
Comments			

<https://www.ihr.uiowa.edu/igs/geosam/well/86073/general-information>