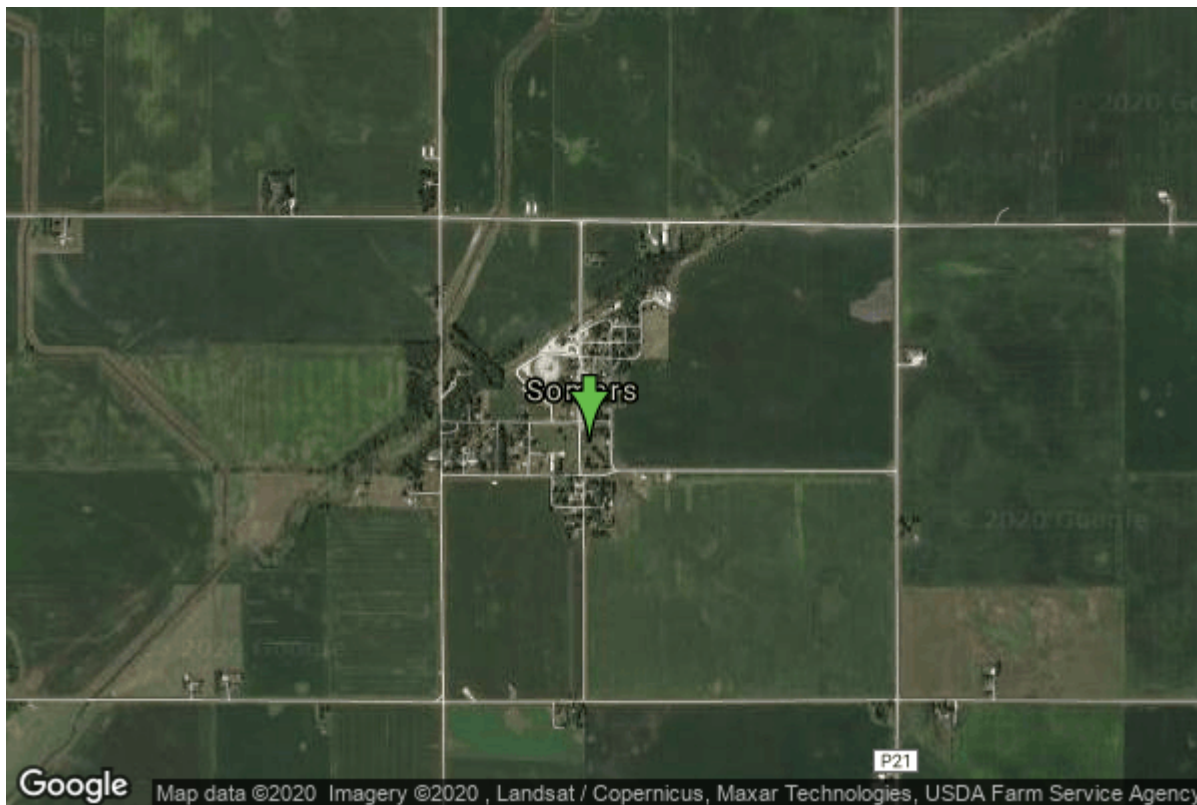


Well W#21059 Information



Date Received		State	Iowa
Owner Name	Somers, City Of	County	Calhoun
Alt Name	#1	Quadrangle	Knierem, Iowa
WNumber	21059	Township	T87N
PWTS ID	0	Range	R31W
PWS ID	1381073	Section	2
Storet ID	0	Quarter	NW SE SW
SDWIS ID	2410055	Latitude	42.3767800000
USGS ID	0	Longitude	-94.4292100000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	382336
		UTM Y	4692600

Site Type	Drilled hole	Drilling Company	Thorpe Well Co.
Well Status	Active	Drilling Date	08/31/1968
Field Located	No	Drilling Method	Unknown
Elevation	1154 ft	Bedrock Depth	0 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	410 ft
Landscape Position	Unknown	Total Depth	410 ft
		Well Types	Municipal, Public Supply
		Aquifers	Mississippian

Casing Construction Information

Date	08/31/1968	Casing Type	Unknown
Start Depth	-3.00 ft	End Depth	317.00 ft

Diameter	6.00 in	Amount	320.00 ft
Comments			

Log Information

Date	04/01/1970
Log Types	Strip log
Prepared By	Unknown
Comments	

Date	
Log Types	Drillers log
Prepared By	Somers, City Of
Comments	

Stratigraphy Information

System	Quaternary		
Series	Pleistocene Series		
Group	Wisconsinan Episode		
Formation	Dows		
Member			
Submember			
Start Depth	0.00 ft	End Depth	20.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Oxidized And Unleached	Percent	100
Secondary Lithology	Unknown	Percent	0
Tertiary Lithology	Unknown	Percent	0
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Wisconsinan Episode		
Formation	Dows		
Member			
Submember			
Start Depth	20.00 ft	End Depth	76.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Unoxidized And Unleached	Percent	100
Secondary Lithology	Unknown	Percent	0
Tertiary Lithology	Unknown	Percent	0
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group			
Formation			
Member			
Submember			
Start Depth	76.00 ft	End Depth	100.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sand And Gravel	Percent	85
Secondary Lithology	Till - Unoxidized And Unleached	Percent	15
Tertiary Lithology	Unknown	Percent	0
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group			
Formation			
Member			
Submember			
Start Depth	100.00 ft	End Depth	143.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Unoxidized And Unleached	Percent	75
Secondary Lithology	Sand And Gravel	Percent	25
Tertiary Lithology	Unknown	Percent	0
Comments			

System	Pennsylvanian (Subsystem Of Carboniferous System)		
Series			
Group	Cherokee		
Formation			
Member			
Submember			
Start Depth	143.00 ft	End Depth	305.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	0
Secondary Lithology	Shale	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group			
Formation	St. Louis		

Member			
Submember			
Start Depth	305.00 ft	End Depth	345.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology	Sandstone	Percent	0
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Augusta		
Formation			
Member			
Submember			
Start Depth	345.00 ft	End Depth	410.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			

Water Production Information

Date	08/31/1968	Start Time	
Aquifer	Unknown		
Static Water Level	102.00 ft	Yield	50 gallons per minute
Pumping Water Level	111 ft	Yield Method	Unknown
Measurement	Unknown	Pump Test	No
Pump Method	Unknown	Duration	0 mins
Comments			

Chip Storage Information

Date	10/17/1968		
Storage	PL7-642	Bin	
Number of Boxes	1	Number of Samples	82
Sample Intervals	5	Sample Gaps	
Sample Top	0 ft	Sample Bottom	410 ft
Washed Top	319 ft	Washed Bottom	410 ft
Duplicate Storage			
Comments			