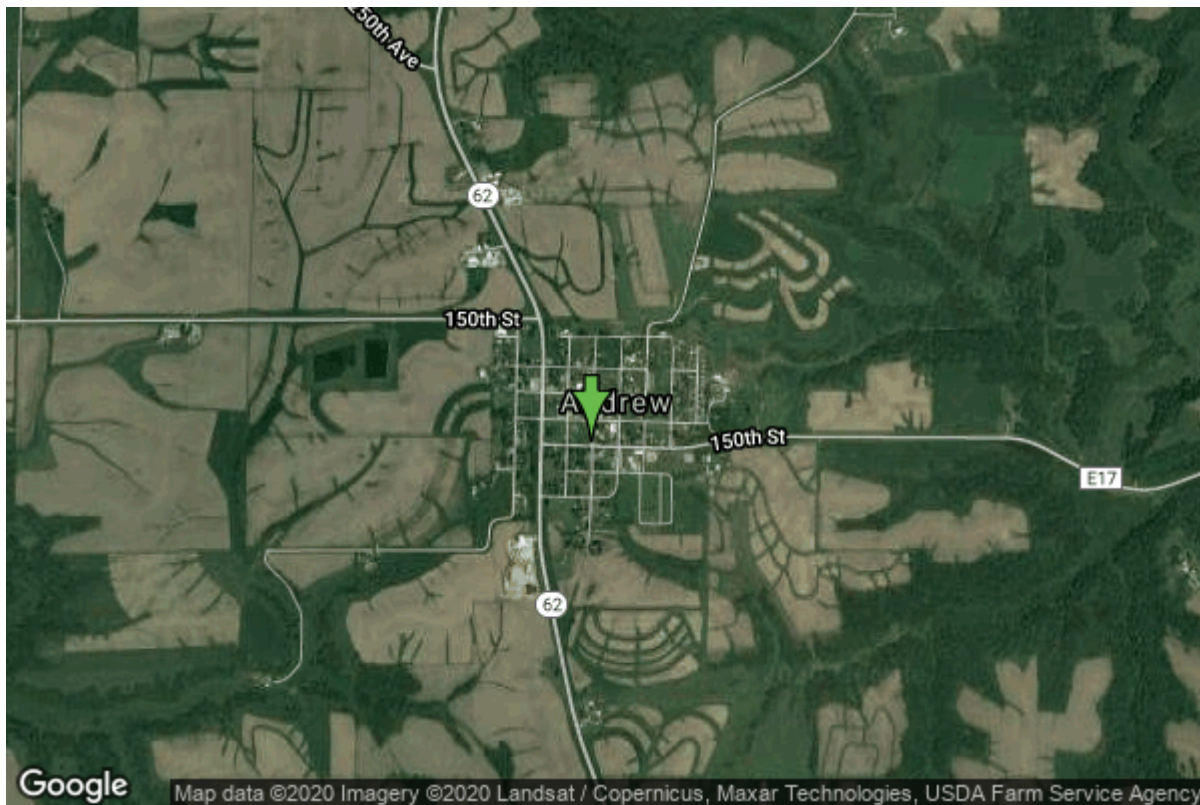


Well W#980 Information



Date Received		State	Iowa
Owner Name	Andrew, City Of	County	Jackson
Alt Name	OLD	Quadrangle	Andrew, Iowa
WNumber	980	Township	T85N
PWTS ID	0	Range	R3E
PWS ID	4903050	Section	22
Storet ID	0	Quarter	SE SE NW
SDWIS ID	0	Latitude	42.1530620000
USGS ID	0	Longitude	-90.5917940000
Project Operator	Source Water Protection Unknown	Accuracy	
		UTM X	698969
		UTM Y	4669578

Site Type	Drilled hole	Drilling Company	Edwards Inc., D.E.
Well Status	Not Used	Drilling Date	06/01/1939
Field Located	No	Drilling Method	Unknown
Elevation	885 ft	Bedrock Depth	53 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	864 ft
Landscape Position	Upland	Total Depth	864 ft
		Well Types	Municipal
		Aquifers	Ordovician (abv St. Peter), Silurian

Casing Construction Information

Date	06/01/1939	Casing Type	Steel
Start Depth	0.00 ft	End Depth	117.60 ft
Diameter	8.00 in	Amount	117.60 ft
Comments			

Date	06/01/1939	Casing Type	Steel
Start Depth	265.50 ft	End Depth	500.00 ft
Diameter	6.00 in	Amount	234.50 ft
Comments			

Log Information

Date	10/21/1939
Log Types	Strip log
Prepared By	Unknown
Comments	

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

Stratigraphy Information

System	Quaternary		
Series	Pleistocene Series		
Group	Wisconsinan Episode		
Formation	Peoria		
Member			
Submember			
Start Depth	0.00 ft	End Depth	27.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Loess	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Quaternary
Series	Pleistocene Series
Group	Pre-Illinoian
Formation	
Member	
Submember	

Start Depth	27.00 ft	End Depth	53.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Silurian		
Series			
Group			
Formation	Hopkinton		
Member			
Submember			
Start Depth	53.00 ft	End Depth	215.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology	Ls/Dol Mixed	Percent	0
Comments			

System	Silurian		
Series			
Group			
Formation	Blanding		
Member			
Submember			
Start Depth	215.00 ft	End Depth	260.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Silurian		
Series			
Group			
Formation	Tete Des Morts/Mosalem Undiff.		
Member			
Submember			
Start Depth	260.00 ft	End Depth	300.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology	Sandstone	Percent	0
Comments			

System	Ordovician		
Series			
Group			
Formation	Maquoketa		
Member			
Submember			
Start Depth	300.00 ft	End Depth	475.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Dubuque		
Member			
Submember			
Start Depth	475.00 ft	End Depth	515.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Wise Lake		
Member			
Submember			
Start Depth	515.00 ft	End Depth	585.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Ls/Dol Mixed	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Dunleith		
Member			
Submember			

Start Depth	585.00 ft	End Depth	695.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Ls/Dol Mixed	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Decorah		
Member			
Submember			
Start Depth	695.00 ft	End Depth	750.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Ls/Dol Mixed	Percent	0
Secondary Lithology	Shale	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Platteville		
Member			
Submember			
Start Depth	750.00 ft	End Depth	797.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Ls/Dol Mixed	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Ancell		
Formation	Glenwood		
Member			
Submember			
Start Depth	797.00 ft	End Depth	802.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Ancell		
Formation	St. Peter Sandstone		
Member			
Submember			
Start Depth	802.00 ft	End Depth	850.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

Water Production Information

Date	06/01/1939	Start Time	
Aquifer	Unknown	Yield	30 gallons per minute
Static Water Level	143.00 ft	Yield Method	Unknown
Pumping Water Level	270 ft	Pump Test	Yes
Measurement	Unknown	Duration	0 mins
Pump Method	Unknown		
Comments			

Chip Storage Information

Date		Bin	
Storage	WF5-10; WF6-1	Number of Samples	177
Number of Boxes	2	Sample Gaps	0-1, 75-80, 495-500, 816-817
Sample Intervals	0	Sample Bottom	850 ft
Sample Top	1 ft	Washed Bottom	0 ft
Washed Top	0 ft		
Duplicate Storage			
Comments			

<https://www.iuhr.uiowa.edu/igs/geosam/well/980/general-information>