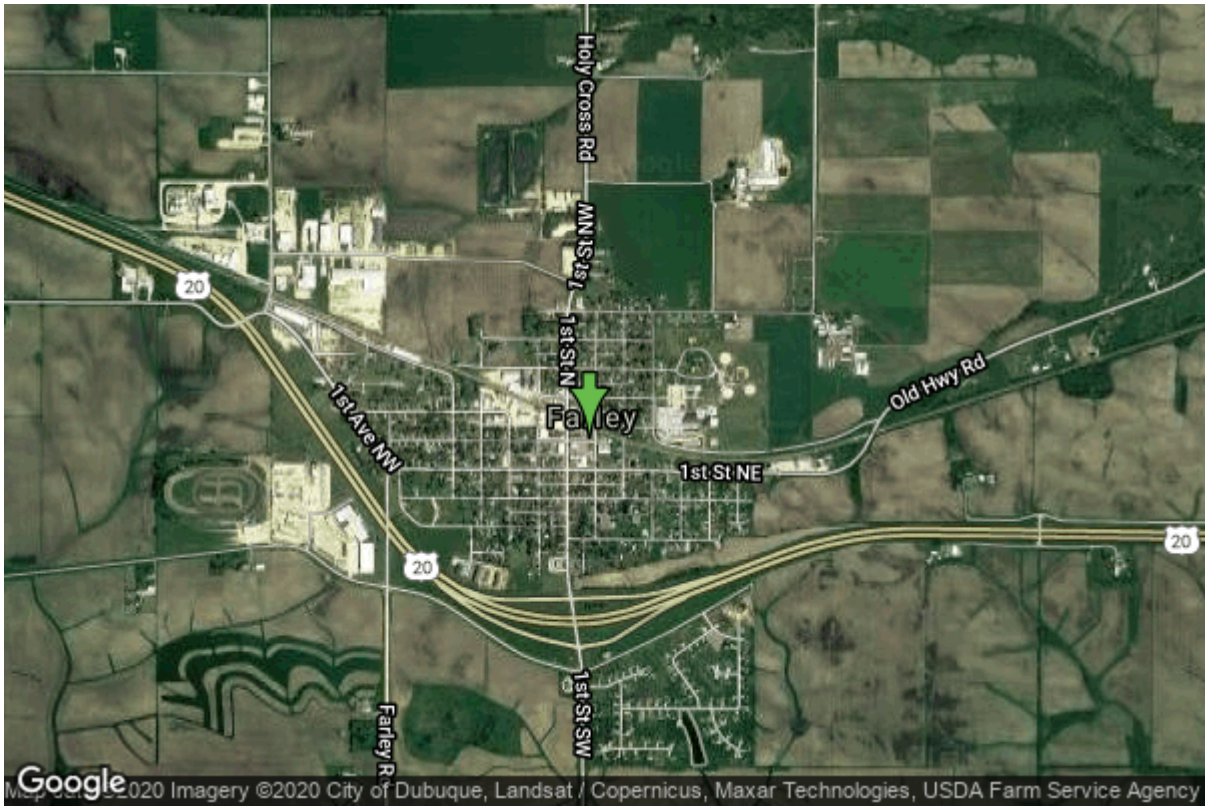
Well W#17980 Information



Date Received		**State**	Iowa
Owner Name	Farley, City Of	**County**	Dubuque
Alt Name	#2	**Quadrangle**	Dyersville East, Iowa
WNumber	17980	**Township**	T88N
PWTS ID	0	**Range**	R1W
PWS ID	3135018	**Section**	7
Storet ID	0	**Quarter**	SE SW NW
SDWIS ID	2413134	**Latitude**	42.4437390000
USGS ID	0	**Longitude**	-91.0045450000
Project	Source Water Protection	**Accuracy**	
Operator	Unknown	**UTM X**	664109
		UTM Y	4700975

Site Type	Drilled hole	**Drilling Company**	Hoeg & Ames (H.M. White)
Well Status	Active		
Field Located	No	**Drilling Date**	02/23/1966
Elevation	1110 ft	**Drilling Method**	Cable
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	**Bedrock Depth**	0 ft
		Well Depth	1233 ft
Landscape Position	Unknown	**Total Depth**	1233 ft
		Well Types	Municipal, Public Supply
		Aquifers	Cambrian-Ordovician, Ordovician, Silurian

Hole Construction Information

Date	02/23/1966		
Diameter	12.00 in	**Depth**	218.00 ft
Comments			

Date	02/23/1966		
Diameter	10.00 in	**Depth**	628.50 ft
Comments			

Date	02/23/1966		
Diameter	8.00 in	**Depth**	763.00 ft
Comments			

Date	02/23/1966		
Diameter	7.00 in	**Depth**	1233.00 ft
Comments			

Casing Construction Information

Date	02/23/1966	**Casing Type**	Steel
Start Depth	0.00 ft	**End Depth**	60.00 ft
Diameter	12.00 in	**Amount**	60.00 ft
Comments			

Date	02/23/1966	**Casing Type**	Steel
Start Depth	217.20 ft	**End Depth**	470.00 ft
Diameter	10.00 in	**Amount**	252.80 ft
Comments			

Date	02/23/1966	**Casing Type**	Steel
Start Depth	628.50 ft	**End Depth**	763.00 ft
Diameter	8.00 in	**Amount**	134.50 ft
Comments			

Date	02/23/1966	**Casing Type**	Steel
Start Depth	763.00 ft	**End Depth**	847.00 ft
Diameter	6.50 in	**Amount**	84.00 ft
Comments			

Grout Construction Information

Date	02/23/1966		
Grout Type	Cement	**Grout Placement**	Unknown
Start Depth	0.00 ft	**End Depth**	60.00 ft

Comments

Log Information

Date	02/28/1966
Log Types	Strip log
Prepared By	Unknown
Comments	

Date	02/23/1966
Log Types	Drillers log
Prepared By	Hoeg & Ames
Comments	

Date	02/22/1966
Log Types	Pump Test
Prepared By	
Comments	

Stratigraphy Information

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	0.00 ft	**End Depth**	20.00 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	30.00 ft	**End Depth**	155.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	0
Secondary Lithology	Chert/Chalcedony	**Percent**	0
Tertiary Lithology		**Percent**	

Comments

System	Silurian		
Series			
Group			
Formation	Blanding		
Member			
Submember			
Start Depth	155.00 ft	**End Depth**	200.00 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	200.00 ft	**End Depth**	232.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	0
Secondary Lithology	Chert/Chalcedony	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Ordovician		
Series			
Group			
Formation	Maquoketa		
Member			
Submember			
Start Depth	232.00 ft	**End Depth**	425.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	**Percent**	0
Secondary Lithology	Dolomite	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Ordovician
Series	
Group	
Formation	Maquoketa
Member	Elgin Limestone

Submember			
Start Depth	425.00 ft	**End Depth**	460.00 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	460.00 ft	**End Depth**	505.00 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	505.00 ft	**End Depth**	570.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Dunleith		
Member			
Submember			
Start Depth	570.00 ft	**End Depth**	690.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	0
Secondary Lithology	Chert/Chalcedony	**Percent**	0
Tertiary Lithology	Limestone	**Percent**	0

Comments

System	Ordovician		
Series			
Group	Galena		
Formation	Decorah		
Member			
Submember			
Start Depth	690.00 ft	**End Depth**	720.00 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	Decorah		
Member	Spechts Ferry		
Submember			
Start Depth	720.00 ft	**End Depth**	730.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	**Percent**	0
Secondary Lithology	Limestone	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Platteville		
Member			
Submember			
Start Depth	730.00 ft	**End Depth**	780.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Ls/Dol Mixed	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Ordovician
Series	
Group	Ancell
Formation	Glenwood
Member	

Submember			
Start Depth	780.00 ft	**End Depth**	782.00 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	782.00 ft	**End Depth**	824.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Ordovician		
Series			
Group	Ancell		
Formation	St. Peter Sandstone		
Member	Readstown		
Submember			
Start Depth	824.00 ft	**End Depth**	830.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Ordovician		
Series			
Group	Prairie Du Chien		
Formation	Shakopee		
Member			
Submember			
Start Depth	830.00 ft	**End Depth**	937.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	0
Secondary Lithology	Sandstone	**Percent**	0
Tertiary Lithology		**Percent**	

Comments

System	Ordovician		
Series			
Group	Prairie Du Chien		
Formation	Oneota		
Member			
Submember			
Start Depth	937.00 ft	**End Depth**	1115.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	0
Secondary Lithology	Chert/Chalcedony	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Cambrian		
Series			
Group			
Formation	Jordan		
Member			
Submember			
Start Depth	1115.00 ft	**End Depth**	1220.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Cambrian		
Series			
Group			
Formation	St. Lawrence		
Member			
Submember			
Start Depth	1220.00 ft	**End Depth**	1233.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	0
Secondary Lithology	Sandstone	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

Water Production Information

Date	02/23/1966	**Start Time**	
Aquifer	Unknown		

Static Water Level	395.00 ft	**Yield**	225 gallons per minute
Pumping Water Level	475 ft	**Yield Method**	Unknown
Measurement	Airline	**Pump Test**	Yes
Pump Method	Pumped	**Duration**	1900 mins
Comments			

Chip Storage Information

Date	02/25/1966		
Storage	PL6-356->358	**Bin**	
Number of Boxes	3	**Number of Samples**	243
Sample Intervals	5	**Sample Gaps**	1225-1233
Sample Top	0 ft	**Sample Bottom**	1225 ft
Washed Top	30 ft	**Washed Bottom**	1225 ft
Duplicate Storage			
Comments			

https://www.iihr.uiowa.edu/igs/geosam/well/17980/general-information