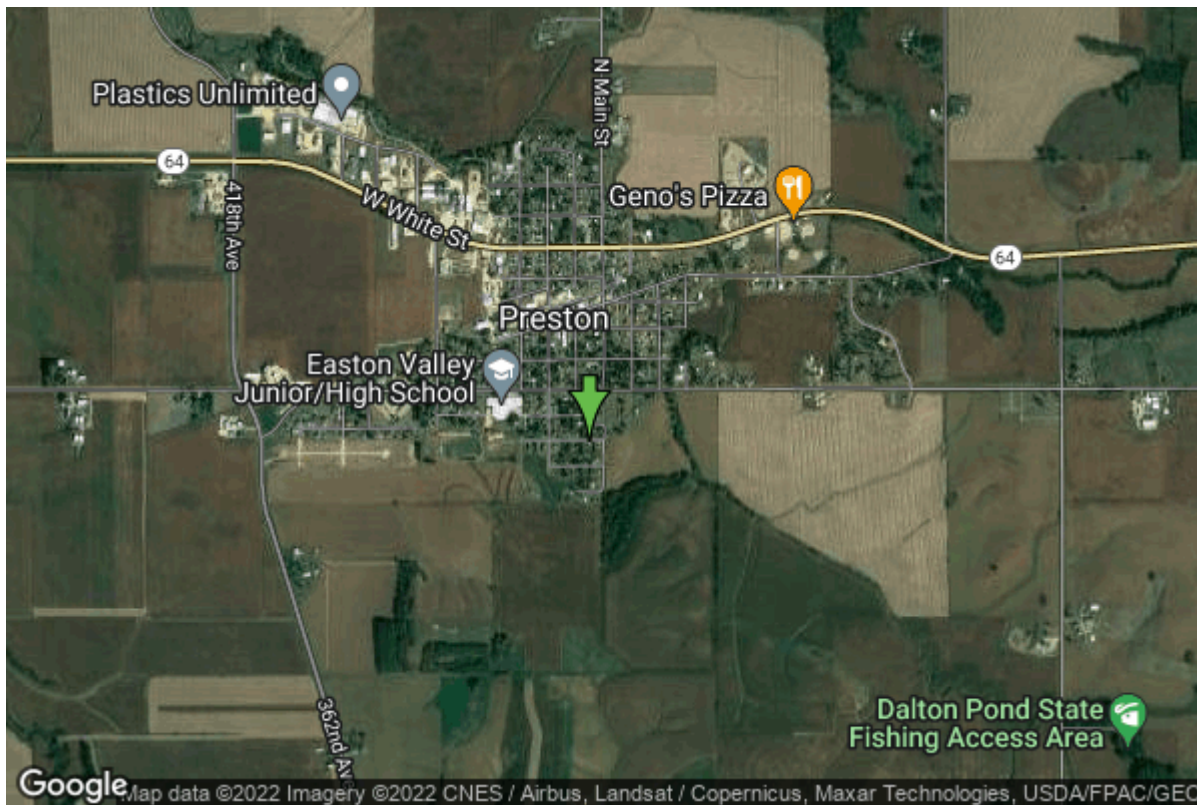


Well W#548 Information



Date Received		State	Iowa
Owner Name	Preston, City Of	County	Jackson
Alt Name	#1	Quadrangle	Preston, Iowa
WNumber	548	Township	T84N
PWTS ID	0	Range	R5E
PWS ID	4965057	Section	33
Storet ID	0	Quarter	NW NW NW
SDWIS ID	2410559	Latitude	42.0463900000
USGS ID	0	Longitude	-90.3938300000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	715688
		UTM Y	4658213

Site Type	Drilled hole	Drilling Company	Davis, George
Well Status	Active	Drilling Date	01/01/1937
Field Located	No	Drilling Method	Unknown
Elevation	744 ft	Bedrock Depth	0 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	720 ft
Landscape Position	Unknown	Total Depth	628 ft
		Well Types	Municipal, Public Supply
		Aquifers	Cambrian-Ordovician

Casing Construction Information

Date	01/01/1937	Casing Type	Steel
Start Depth	0.00 ft	End Depth	274.00 ft

Diameter	8.00 in	Amount	274.00 ft
Comments			

Log Information

Date	07/19/1951
Log Types	Strip log
Prepared By	Screven, Ruth E. Wehner
Comments	

Date	01/01/1939
Log Types	Strip log
Prepared By	Carmody, R.A.
Comments	

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

Stratigraphy Information

System	Quaternary		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	0.00 ft	End Depth	5.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Silt	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Silurian		
Series			
Group			
Formation	Tete Des Morts/Mosalem Undiff.		
Member			
Submember			
Start Depth	5.00 ft	End Depth	45.00 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	45.00 ft	End Depth	255.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology		Percent	
Comments			
System	Ordovician		
Series			
Group	Galena		
Formation			
Member			
Submember			
Start Depth	255.00 ft	End Depth	370.00 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	370.00 ft	End Depth	475.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			
System	Ordovician		
Series			
Group	Galena		
Formation	Decorah		

Member			
Submember			
Start Depth	475.00 ft	End Depth	505.00 ft
Contact Accuracy Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Shale	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Platteville		
Member			
Submember			
Start Depth	505.00 ft	End Depth	560.00 ft
Contact Accuracy Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Ancell		
Formation	Glenwood		
Member			
Submember			
Start Depth	560.00 ft	End Depth	570.00 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	570.00 ft	End Depth	628.00 ft
Contact Accuracy Penetration			
Primary Lithology	Sandstone	Percent	100
Secondary Lithology		Percent	

Tertiary Lithology
Comments

Percent

Water Production Information

Date	01/01/1937	Start Time	
Aquifer	Unknown	Yield	182 gallons per minute
Static Water Level	127.00 ft	Yield Method	Unknown
Pumping Water Level	141 ft	Pump Test	Yes
Measurement	Unknown	Duration	0 mins
Pump Method	Unknown		
Comments			

Chip Storage Information

Date		Bin	
Storage	WD4-8,9	Number of Samples	126
Number of Boxes	2	Sample Gaps	
Sample Intervals	5	Sample Bottom	628 ft
Sample Top	0 ft	Washed Bottom	0 ft
Washed Top	0 ft		
Duplicate Storage			
Comments			

<https://www.iihr.uiowa.edu/igs/geosam/well/548/general-information>