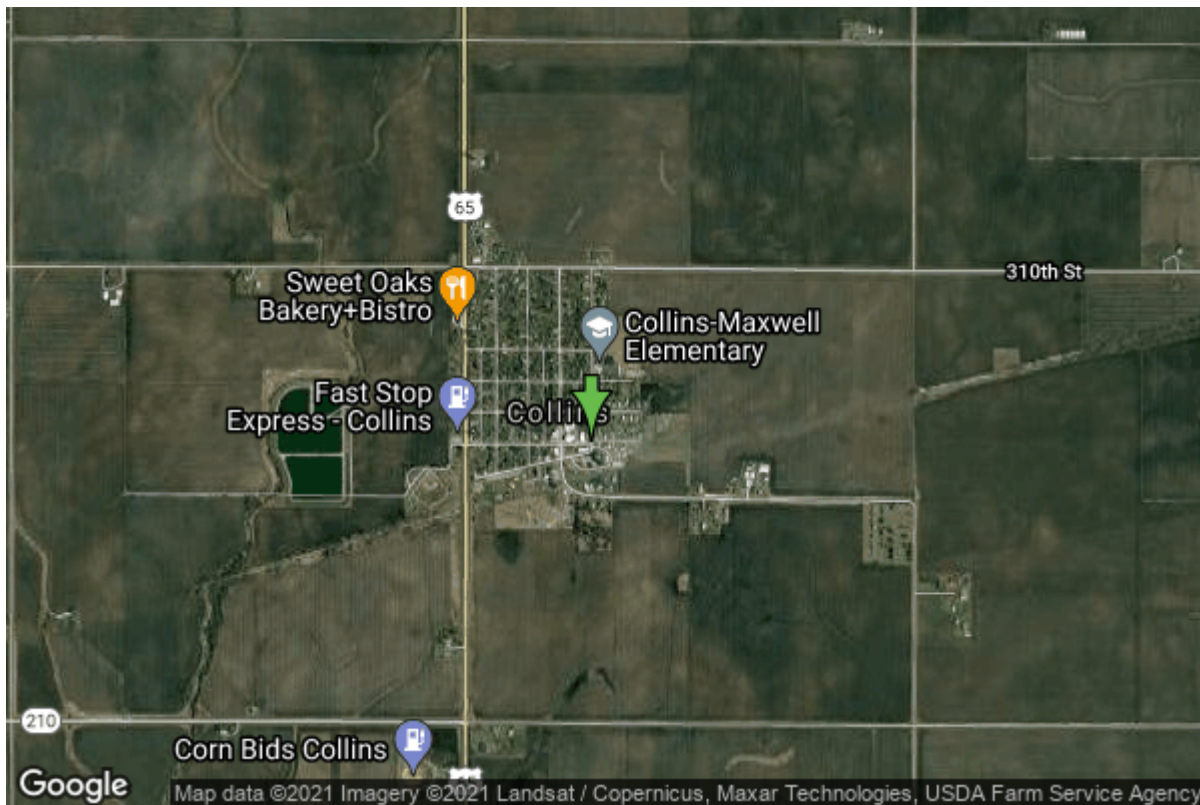


Well W#15568 Information



Date Received		State	Iowa
Owner Name	Collins, City Of	County	Story
Alt Name		Quadrangle	Collins, Iowa
WNumber	15568	Township	T82N
PWTS ID	0	Range	R21W
PWS ID	8515060	Section	21
Storet ID	0	Quarter	NW SE SW
SDWIS ID	2409812	Latitude	41.9009080000
USGS ID	0	Longitude	-93.3029980000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	474867
		UTM Y	4638819

Site Type	Drilled hole	Drilling Company	Thorpe Well Co.
Well Status	Not Used	Drilling Date	01/08/1964
Field Located	No	Drilling Method	Rotary
Elevation	1009 ft	Bedrock Depth	240 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	559 ft
Landscape Position	Hillside	Total Depth	559 ft
		Well Types	Municipal, Public Supply
		Aquifers	Mississippian

Casing Construction Information

Date	01/08/1964	Casing Type	Steel
Start Depth	0.00 ft	End Depth	0.00 ft

Diameter	13.00 in	Amount	312.00 ft
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Date	01/08/1964	Casing Type	Steel
Start Depth	289.00 ft	End Depth	455.00 ft
Diameter	10.00 in	Amount	166.00 ft

Comments

Log Information

Date	01/24/1964
Log Types	Strip log
Prepared By	Unknown

Comments

Date	
Log Types	Drillers log
Prepared By	Unknown

Comments

Stratigraphy Information

System	Quaternary		
Series	Pleistocene Series		
Group			
Formation			
Member			
Submember			
Start Depth	0.00 ft	End Depth	5.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Soil Or Fill	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	

Comments

System	Quaternary		
Series	Pleistocene Series		
Group			
Formation			
Member			
Submember			
Start Depth	5.00 ft	End Depth	240.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till	Percent	100
Secondary Lithology		Percent	

Tertiary Lithology	Percent		
Comments			
System	Pennsylvanian (Subsystem Of Carboniferous System)		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	240.00 ft	End Depth	265.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	60
Secondary Lithology	Shale	Percent	40
Tertiary Lithology		Percent	
Comments			
System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group			
Formation	Spergen		
Member			
Submember			
Start Depth	265.00 ft	End Depth	282.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	80
Secondary Lithology	Sandstone	Percent	15
Tertiary Lithology	Chert/Chalcedony	Percent	5
Comments			
System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Augusta		
Formation			
Member			
Submember			
Start Depth	282.00 ft	End Depth	440.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	85
Secondary Lithology	Chert/Chalcedony	Percent	15
Tertiary Lithology		Percent	
Comments			
System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Sub-Augusta		
Formation			

Member			
Submember			
Start Depth	440.00 ft	End Depth	500.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	90
Secondary Lithology	Chert/Chalcedony	Percent	10
Tertiary Lithology		Percent	
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Sub-Augusta		
Formation	Maynes Creek		
Member			
Submember			
Start Depth	500.00 ft	End Depth	539.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	75
Secondary Lithology	Chert/Chalcedony	Percent	25
Tertiary Lithology	Unknown	Percent	0
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	North Hill		
Formation	Prospect Hill		
Member			
Submember			
Start Depth	539.00 ft	End Depth	550.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Siltstone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Yellow Spring (New Albany)		
Formation	Maple Mill		
Member			
Submember			
Start Depth	550.00 ft	End Depth	559.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	100
Secondary Lithology		Percent	

Tertiary Lithology
Comments

Percent

Water Production Information

Date	01/08/1964	Start Time	
Aquifer	Unknown	Yield	40 gallons per minute
Static Water Level	97.00 ft	Yield Method	Unknown
Pumping Water Level	0 ft	Pump Test	No
Measurement	Unknown	Duration	0 mins
Pump Method	Unknown		
Comments			

Chip Storage Information

Date	11/04/1963	Bin	
Storage	TL5-446	Number of Samples	109
Number of Boxes	1	Sample Gaps	
Sample Intervals	5	Sample Bottom	559 ft
Sample Top	0 ft	Washed Bottom	340 ft
Washed Top	250 ft		
Duplicate Storage			
Comments			

<https://www.iihr.uiowa.edu/igs/geosam/well/15568/general-information>