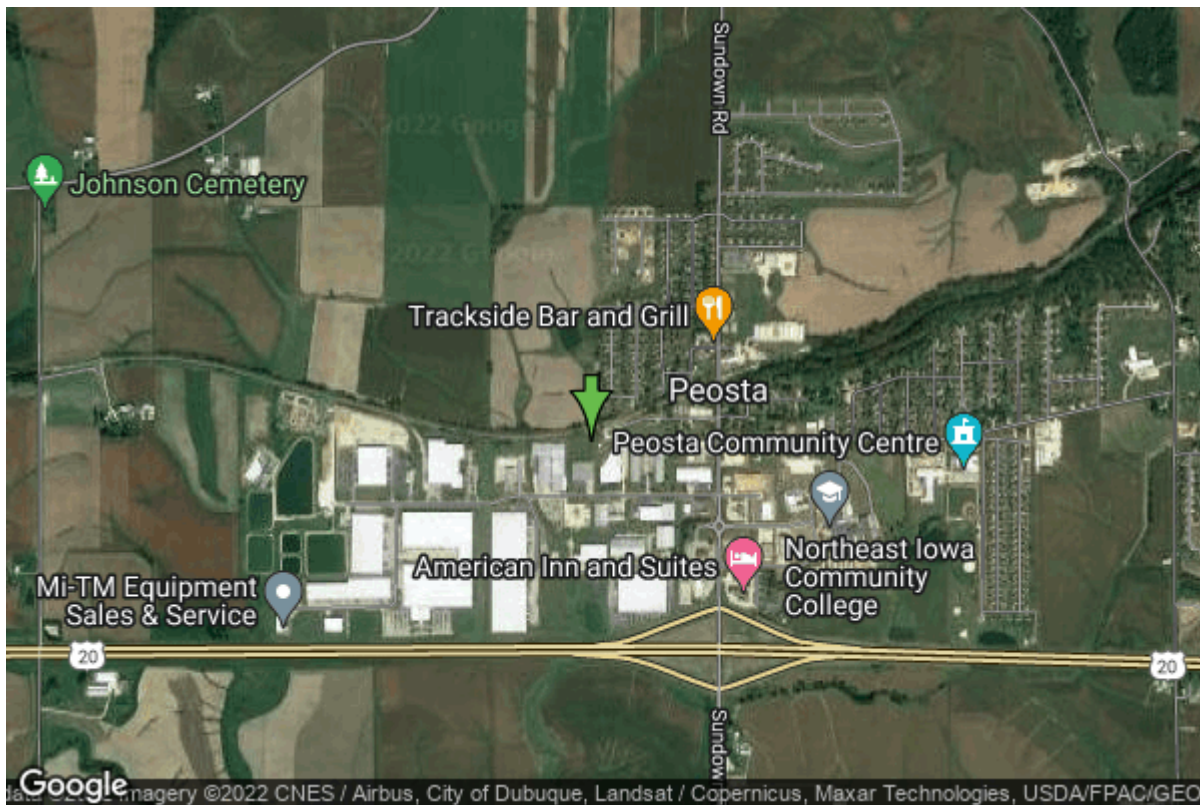


Well W#56720 Information



Date Received	12/05/2002	State	Iowa
Owner Name	Peosta, City Of	County	Dubuque
Alt Name	#3	Quadrangle	Peosta, Iowa
WNumber	56720	Township	T88N
PWTS ID	0	Range	R1E
PWS ID	3170001	Section	9
Storet ID	0	Quarter	SW NE NW
SDWIS ID	2584482	Latitude	42.4474520000
USGS ID	0	Longitude	-90.8552140000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	676380
		UTM Y	4701687

Site Type	Drilled hole	Drilling Company	Shawver Well Co.
Well Status	Active	Drilling Date	10/22/2002
Field Located	No	Drilling Method	Rotary
Elevation	1045 ft	Bedrock Depth	48 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	1105 ft
Landscape Position	Unknown	Total Depth	1105 ft
		Well Types	Municipal, Public Supply
		Aquifers	Cambrian-Ordovician

Hole Construction Information

Date	12/09/2002	Depth	16.00 ft
Diameter	23.00 in		

Comments

Date	12/09/2002	Depth	151.00 ft
Diameter	21.00 in		
Comments			

Date	12/09/2002	Depth	155.00 ft
Diameter	12.25 in		
Comments			

Date	12/09/2002	Depth	1105.00 ft
Diameter	15.00 in		
Comments			

Casing Construction Information

Date	12/09/2002	Casing Type	Unknown
Start Depth	-1.00 ft	End Depth	151.00 ft
Diameter	16.00 in	Amount	152.00 ft
Comments			

Date	12/09/2002	Casing Type	Unknown
Start Depth	-1.00 ft	End Depth	745.00 ft
Diameter	10.00 in	Amount	746.00 ft
Comments			

Grout Construction Information

Date	12/09/2002	Grout Placement	Unknown
Grout Type	Cement	End Depth	745.00 ft
Start Depth	0.00 ft		
Comments			

Log Information

Date	01/26/2009
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	48.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Unoxidized And Unleached	Percent	50
Secondary Lithology	Till - Oxidized And Unleached	Percent	25
Tertiary Lithology	Till - Oxidized And Leached	Percent	25
Comments			

System	Silurian		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	48.00 ft	End Depth	190.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	78
Secondary Lithology	Chert/Chalcedony	Percent	12
Tertiary Lithology	Clay	Percent	10
Comments			

System	Ordovician		
Series			
Group			
Formation	Maquoketa		
Member			
Submember			
Start Depth	190.00 ft	End Depth	260.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	98
Secondary Lithology	Dolomite	Percent	2
Tertiary Lithology		Percent	
Comments			

System	Ordovician
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Series
Group
Formation Maquoketa
Member Elgin Limestone
Submember
Start Depth 260.00 ft **End Depth** 340.00 ft
Contact Accuracy
Penetration
Primary Lithology Dolomite **Percent** 85
Secondary Lithology Clay **Percent** 15
Tertiary Lithology
Comments

System Ordovician
Series
Group Galena
Formation
Member
Submember
Start Depth 340.00 ft **End Depth** 430.00 ft
Contact Accuracy
Penetration
Primary Lithology Dolomite **Percent** 99
Secondary Lithology Clay **Percent** 1
Tertiary Lithology
Comments

System Ordovician
Series
Group Galena
Formation Dunleith
Member
Submember
Start Depth 430.00 ft **End Depth** 547.00 ft
Contact Accuracy
Penetration
Primary Lithology Dolomite **Percent** 75
Secondary Lithology Limestone **Percent** 18
Tertiary Lithology Chert/Chalcedony **Percent** 7
Comments

System Ordovician
Series
Group Galena
Formation Decorah/Platteville Undiff.
Member
Submember
Start Depth 547.00 ft **End Depth** 650.00 ft
Contact Accuracy

Penetration			
Primary Lithology	Limestone	Percent	90
Secondary Lithology	Dolomite	Percent	10
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Ancell		
Formation	Glenwood		
Member			
Submember			
Start Depth	650.00 ft	End Depth	651.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	90
Secondary Lithology	Shale	Percent	10
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Ancell		
Formation	St. Peter Sandstone		
Member	Tonti		
Submember			
Start Depth	651.00 ft	End Depth	700.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	97
Secondary Lithology	Limestone	Percent	3
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Ancell		
Formation	St. Peter Sandstone		
Member	Readstown		
Submember			
Start Depth	700.00 ft	End Depth	730.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	40
Secondary Lithology	Dolomite	Percent	30
Tertiary Lithology	Chert/Chalcedony	Percent	30
Comments			

System	Ordovician		
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Series			
Group	Prairie Du Chien		
Formation	Shakopee		
Member	Willow River		
Submember			
Start Depth	730.00 ft	End Depth	800.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	80
Secondary Lithology	Chert/Chalcedony	Percent	20
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Prairie Du Chien		
Formation	Shakopee		
Member	New Richmond		
Submember			
Start Depth	800.00 ft	End Depth	810.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	70
Secondary Lithology	Dolomite	Percent	30
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Prairie Du Chien		
Formation	Oneota		
Member			
Submember			
Start Depth	810.00 ft	End Depth	955.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	94
Secondary Lithology	Chert/Chalcedony	Percent	6
Tertiary Lithology		Percent	
Comments			

System	Cambrian		
Series			
Group			
Formation	Jordan		
Member	Coon Valley		
Submember			
Start Depth	955.00 ft	End Depth	1030.00 ft
Contact Accuracy			

Penetration			
Primary Lithology	Dolomite	Percent	98
Secondary Lithology	Chert/Chalcedony	Percent	2
Tertiary Lithology		Percent	
Comments			

System	Cambrian		
Series			
Group			
Formation	Jordan		
Member			
Submember			
Start Depth	1030.00 ft	End Depth	1105.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	60
Secondary Lithology	Dolomite	Percent	40
Tertiary Lithology		Percent	
Comments			

Water Production Information

Date	01/01/2014	Start Time	
Aquifer			
Static Water Level	468.00 ft	Yield	0 gallons per minute
Pumping Water Level	479 ft	Yield Method	
Measurement		Pump Test	No
Pump Method		Duration	0 mins
Comments	Reported on DNR 2014 Jordan Questionnaire		

Date	10/22/2002	Start Time	
Aquifer	Bedrock		
Static Water Level	406.00 ft	Yield	75 gallons per minute
Pumping Water Level	0 ft	Yield Method	Unknown
Measurement	Unknown	Pump Test	Yes
Pump Method	Unknown	Duration	0 mins
Comments			

Chip Storage Information

Date	12/16/2002		
Storage	OD4-746>749	Bin	
Number of Boxes	4	Number of Samples	220
Sample Intervals	5	Sample Gaps	
Sample Top	0 ft	Sample Bottom	1105 ft
Washed Top	50 ft	Washed Bottom	1105 ft
Duplicate Storage			

Comments

<https://www.ihr.uiowa.edu/igs/geosam/well/56720/general-information>