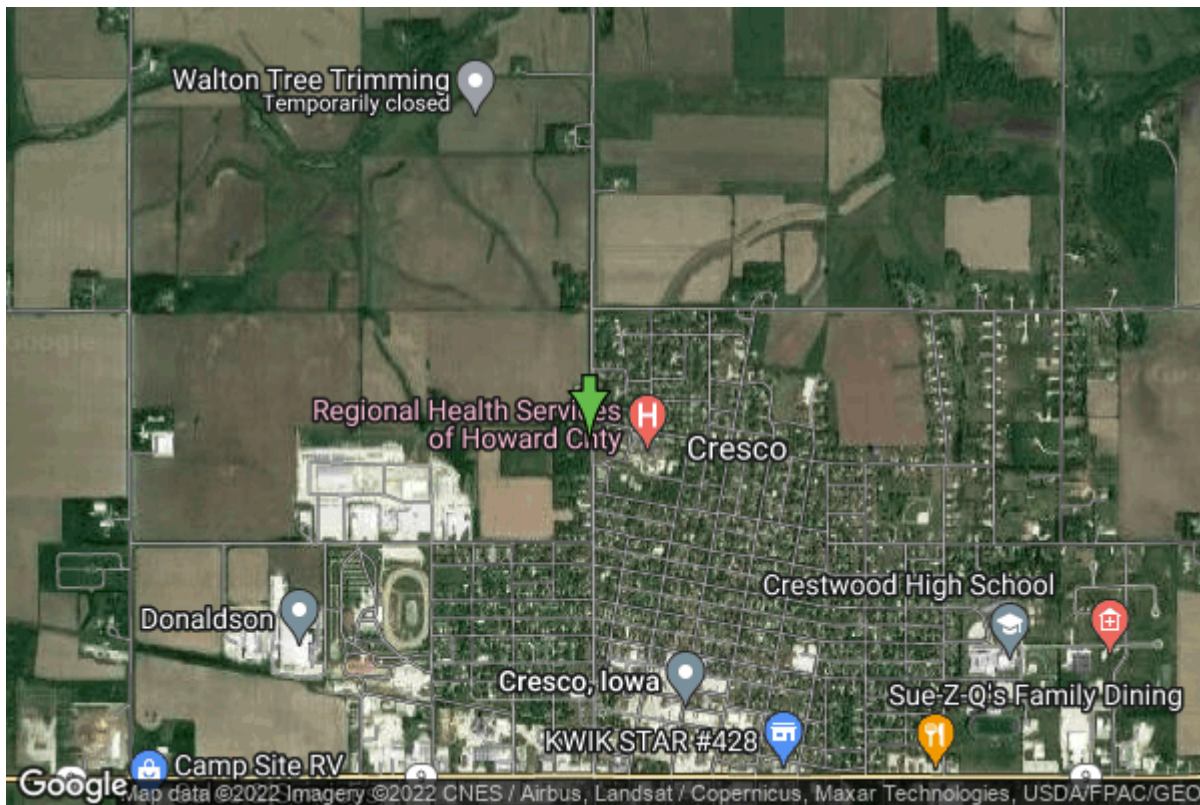


Well W#17075 Information



Date Received		State	Iowa
Owner Name	Cresco, City Of	County	Howard
Alt Name	#3	Quadrangle	Cresco Ne, Iowa
WNumber	17075	Township	T99N
PWTS ID	0	Range	R11W
PWS ID	4515087	Section	23
Storet ID	0	Quarter	NW SW NW
SDWIS ID	2408065	Latitude	43.3815320000
USGS ID	0	Longitude	-92.1196800000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	571308
		UTM Y	4803561

Site Type	Drilled hole	Drilling Company	Hoeg & Ames (H.M. White)
Well Status	Active	Drilling Date	06/21/1965
Field Located	No	Drilling Method	Cable
Elevation	1312 ft	Bedrock Depth	5 ft
Elevation Accuracy	Digital Elevation Model	Well Depth	1145 ft
	Accurate to 5 ft	Total Depth	1145 ft
Landscape Position	Upland	Well Types	Municipal, Public Supply
		Aquifers	Cambrian-Ordovician

Hole Construction Information

Date	06/21/1965	Depth	85.00 ft
Diameter	24.00 in		
Comments			
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Date	06/21/1965	Depth	260.00 ft
Diameter	21.50 in		
Comments			
<hr/>			
Date	06/21/1965	Depth	661.00 ft
Diameter	19.50 in		
Comments			
<hr/>			
Date	06/21/1965	Depth	700.00 ft
Diameter	17.50 in		
Comments			
<hr/>			
Date	06/21/1965	Depth	1145.00 ft
Diameter	12.00 in		
Comments			

Casing Construction Information

Date	06/21/1965	Casing Type	Steel
Start Depth	0.00 ft	End Depth	0.00 ft
Diameter	21.50 in	Amount	85.00 ft
Comments			
<hr/>			
Date	06/21/1965	Casing Type	Steel
Start Depth	0.00 ft	End Depth	0.00 ft
Diameter	19.50 in	Amount	131.00 ft
Comments			
<hr/>			
Date	06/21/1965	Casing Type	Steel
Start Depth	0.00 ft	End Depth	0.00 ft
Diameter	17.50 in	Amount	186.00 ft
Comments			
<hr/>			
Date	06/21/1965	Casing Type	Steel
Start Depth	0.00 ft	End Depth	465.70 ft
Diameter	14.00 in	Amount	0.00 ft
Comments			
<hr/>			
Date	06/21/1965	Casing Type	Steel
Start Depth	465.70 ft	End Depth	700.00 ft

Diameter	12.00 in	Amount	234.30 ft
Comments			

Grout Construction Information

Date	06/21/1965		
Grout Type	Cement	Grout Placement	Unknown
Start Depth	0.00 ft	End Depth	85.00 ft
Comments			

Log Information

Date	07/01/1965
Log Types	Strip log
Prepared By	Unknown
Comments	

Date	06/08/1965
Log Types	Pump Test
Prepared By	
Comments	

Date	
Log Types	Drillers log
Prepared By	Unknown
Comments	

Stratigraphy Information

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	0.00 ft	End Depth	5.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Devonian
Series	
Group	Cedar Valley

Formation Member Submember	Little Cedar Bassett		
Start Depth	5.00 ft	End Depth	30.00 ft
Contact Accuracy Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			
<hr/>			
System Series	Devonian		
Group Formation Member Submember	Wapsipinicon		
Start Depth	30.00 ft	End Depth	80.00 ft
Contact Accuracy Penetration			
Primary Lithology	Ls/Dol Mixed	Percent	0
Secondary Lithology	Sandstone	Percent	0
Tertiary Lithology		Percent	
Comments			
<hr/>			
System Series	Devonian		
Group Formation Member Submember	Wapsipinicon Spillville		
Start Depth	80.00 ft	End Depth	150.00 ft
Contact Accuracy Penetration			
Primary Lithology	Dolomite	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
<hr/>			
System Series	Devonian		
Group Formation Member Submember	Wapsipinicon Spillville Lake Meyer		
Start Depth	150.00 ft	End Depth	165.00 ft
Contact Accuracy Penetration			
Primary Lithology	Dolomite	Percent	0

Secondary Lithology	Sandstone	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			

System	Ordovician		
Series			
Group			
Formation	Maquoketa		
Member			
Submember			
Start Depth	165.00 ft	End Depth	275.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Ls/Dol Mixed	Percent	0
Secondary Lithology	Shale	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Dubuque		
Member			
Submember			
Start Depth	275.00 ft	End Depth	300.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Wise Lake		
Member			
Submember			
Start Depth	300.00 ft	End Depth	365.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Ls/Dol Mixed	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Galena		

Formation Member Submember	Dunleith		
Start Depth	365.00 ft	End Depth	500.00 ft
Contact Accuracy Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			

System Series	Ordovician		
Group Formation Member Submember	Galena Decorah Ion		
Start Depth	500.00 ft	End Depth	520.00 ft
Contact Accuracy Penetration			
Primary Lithology	Shale	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology		Percent	
Comments			

System Series	Ordovician		
Group Formation Member Submember	Galena Decorah Guttenberg		
Start Depth	520.00 ft	End Depth	525.00 ft
Contact Accuracy Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Shale	Percent	0
Tertiary Lithology		Percent	
Comments			

System Series	Ordovician		
Group Formation Member Submember	Galena Decorah Spechts Ferry		
Start Depth	525.00 ft	End Depth	550.00 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	550.00 ft	End Depth	580.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Ancell		
Formation	Glenwood		
Member			
Submember			
Start Depth	580.00 ft	End Depth	585.00 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	585.00 ft	End Depth	650.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Prairie Du Chien		

Formation Member Submember	Shakopee		
Start Depth	650.00 ft	End Depth	810.00 ft
Contact Accuracy Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Sandstone	Percent	0
Tertiary Lithology		Percent	
Comments			
<hr/>			
System Series	Ordovician		
Group Formation Member Submember	Prairie Du Chien Oneota		
Start Depth	810.00 ft	End Depth	955.00 ft
Contact Accuracy Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			
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System Series	Cambrian		
Group Formation Member Submember	Jordan		
Start Depth	955.00 ft	End Depth	1065.00 ft
Contact Accuracy Penetration			
Primary Lithology	Sandstone	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology		Percent	
Comments			
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System Series	Cambrian		
Group Formation Member Submember	St. Lawrence		
Start Depth	1065.00 ft	End Depth	1145.00 ft
Contact Accuracy Penetration			
Primary Lithology	Dolomite	Percent	100

Secondary Lithology
Tertiary Lithology
Comments

Percent
Percent

Water Production Information

Date	01/01/2014	Start Time	
Aquifer		Yield	0 gallons per minute
Static Water Level	343.00 ft	Yield Method	
Pumping Water Level	358 ft	Pump Test	No
Measurement	Airline	Duration	0 mins
Pump Method			
Comments			

Date	06/09/1965	Start Time	
Aquifer	Unknown	Yield	895 gallons per minute
Static Water Level	332.00 ft	Yield Method	Unknown
Pumping Water Level	367 ft	Pump Test	Yes
Measurement	Unknown	Duration	3100 mins
Pump Method	Pumped		
Comments	WELL WAS DYNAMITED.		

Chip Storage Information

Date	03/17/1965		
Storage	PL6-32->34	Bin	
Number of Boxes	3	Number of Samples	230
Sample Intervals	5	Sample Gaps	
Sample Top	0 ft	Sample Bottom	1145 ft
Washed Top	10 ft	Washed Bottom	1145 ft
Duplicate Storage			
Comments			

<https://www.iihr.uiowa.edu/igs/geosam/well/17075/general-information>