

Well W#63890 Information



Date Received	07/25/2007	State	Iowa
Owner Name	Hahn, Jason	County	Cerro Gordo
Alt Name		Quadrangle	Mason City, Iowa
WNumber	63890	Township	T97N
PWTS ID	2126411	Range	R20W
PWS ID	0	Section	28
Storet ID	0	Quarter	SW NW SW NW SW
SDWIS ID	0	Latitude	43.1885800000
USGS ID	0	Longitude	-93.2202900000
Project	Unknown	Accuracy	
Operator	Unknown	UTM X	482100
		UTM Y	4781780

Site Type	Drilled hole	Drilling Company	Shawver Well Co.
Well Status	Primary	Drilling Date	05/17/2007
Field Located	No	Drilling Method	Rotary
Elevation	1139 ft	Bedrock Depth	28 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	396 ft
Landscape Position	Unknown	Total Depth	396 ft
		Well Types	Private
		Aquifers	

Hole Construction Information

Date	05/17/2007	Depth	29.00 ft
Diameter	12.25 in		

Comments

Date	05/17/2007		
Diameter	9.88 in	Depth	166.00 ft
Comments			

Date	05/17/2007		
Diameter	6.38 in	Depth	396.00 ft
Comments			

Casing Construction Information

Date	05/17/2007	Casing Type	Steel
Start Depth	-2.00 ft	End Depth	166.00 ft
Diameter	7.00 in	Amount	168.00 ft
Comments			

Date	05/17/2007	Casing Type	PVC
Start Depth	198.00 ft	End Depth	395.00 ft
Diameter	5.00 in	Amount	0.00 ft
Comments			

Grout Construction Information

Date	05/17/2007		
Grout Type	Bentonite (Clay)	Grout Placement	Tremie
Start Depth	0.00 ft	End Depth	166.00 ft
Comments			

Log Information

Date	01/03/2014		
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	28.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till	Percent	85
Secondary Lithology	Dolomite	Percent	15
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Cedar Valley		
Formation	Shell Rock		
Member			
Submember			
Start Depth	28.00 ft	End Depth	75.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	55
Secondary Lithology	Limestone	Percent	45
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Cedar Valley		
Formation	Lithograph City		
Member			
Submember			
Start Depth	75.00 ft	End Depth	200.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	80
Secondary Lithology	Limestone	Percent	19
Tertiary Lithology	Shale	Percent	1
Comments			

System	Devonian		
Series			
Group	Cedar Valley		
Formation	Coralville		
Member			
Submember			
Start Depth	200.00 ft	End Depth	270.00 ft
Contact Accuracy			
Penetration			

Primary Lithology	Dolomite	Percent	75
Secondary Lithology	Limestone	Percent	25
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Cedar Valley		
Formation	Little Cedar		
Member			
Submember			
Start Depth	270.00 ft	End Depth	396.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	96
Secondary Lithology	Chert/Chalcedony	Percent	2
Tertiary Lithology	Shale	Percent	2
Comments	Dol contains emb Sd.		

Water Production Information

Date	05/17/2007	Start Time	
Aquifer	Unknown		
Static Water Level	58.00 ft	Yield	125 gallons per minute
Pumping Water Level	160 ft	Yield Method	Unknown
Measurement	Unknown	Pump Test	Yes
Pump Method	Airlifted	Duration	0 mins
Comments			

Chip Storage Information

Date		Bin	
Storage	OD5-374>376	Number of Samples	79
Number of Boxes	3	Sample Gaps	
Sample Intervals	5	Sample Bottom	396 ft
Sample Top	0 ft	Washed Bottom	396 ft
Washed Top	25 ft		
Duplicate Storage			
Comments			

<https://www.iuhr.uiowa.edu/igs/geosam/well/63890/general-information>