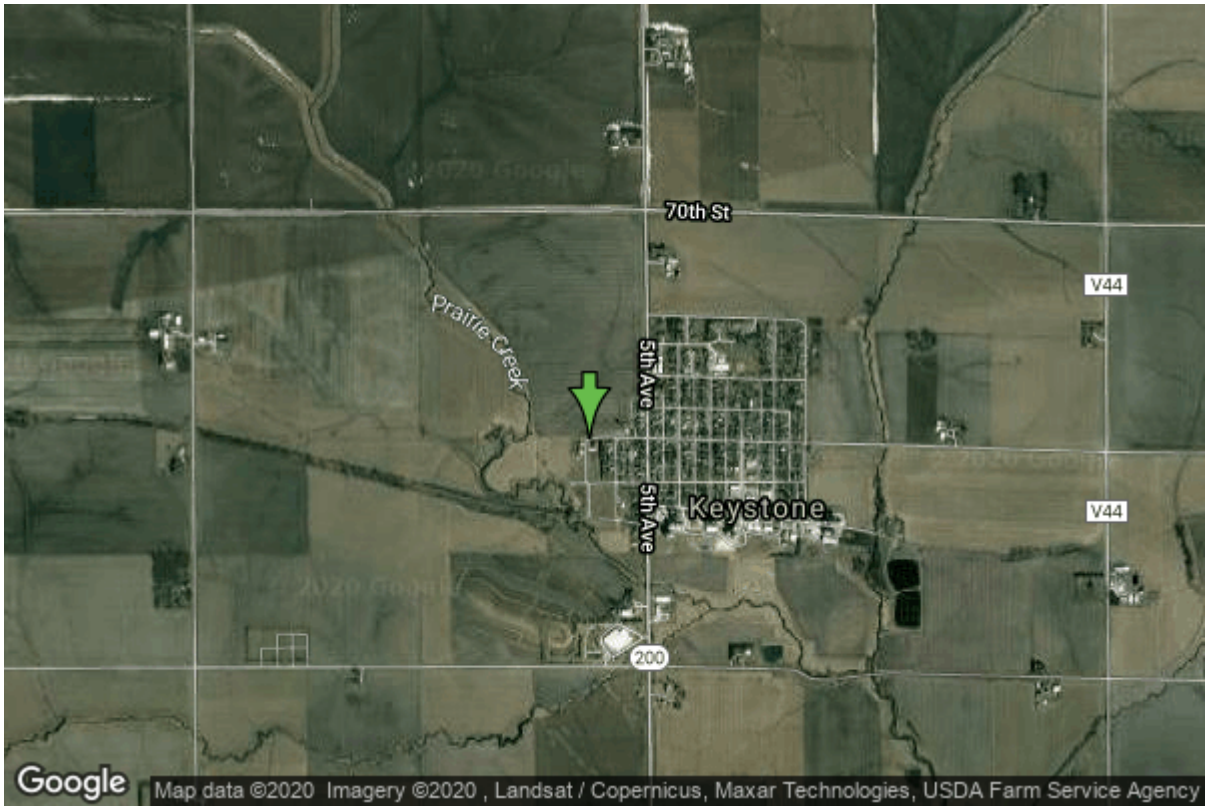
Well W#26975 Information



Date Received		**State**	Iowa
Owner Name	Keystone, City Of	**County**	Benton
Alt Name	#2	**Quadrangle**	Keystone North, Iowa
WNumber	26975	**Township**	T83N
PWTS ID	0	**Range**	R12W
PWS ID	640030	**Section**	14
Storet ID	0	**Quarter**	NE SE SE
SDWIS ID	2411755	**Latitude**	42.0005340000
USGS ID	0	**Longitude**	-92.2039580000
Project	Source Water Protection	**Accuracy**	
Operator	Unknown	**UTM X**	565926
		UTM Y	4650142

Site Type	Drilled hole	**Drilling Company**	Winslow Well Co.
Well Status	Active	**Drilling Date**	01/01/1983
Field Located	No	**Drilling Method**	Rotary
Elevation	891 ft	**Bedrock Depth**	0 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	**Well Depth**	1880 ft
		Total Depth	1880 ft
Landscape Position	Unknown	**Well Types**	Municipal, Public Supply
		Aquifers	Cambrian-Ordovician

Log Information

Date	10/01/1984
Log Types	Strip log

Prepared By	Bounk, Michael Joseph
Comments	

Date	
Log Types	Unknown
Prepared By	IGS
Comments	

Stratigraphy Information

System	Unknown		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	0.00 ft	**End Depth**	285.00 ft
Contact Accuracy			
Penetration			
Primary Lithology		**Percent**	
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Devonian		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	285.00 ft	**End Depth**	450.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	**Percent**	0
Secondary Lithology	Chert/Chalcedony	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Devonian		
Series			
Group	Wapsipinicon		
Formation			
Member			
Submember			
Start Depth	450.00 ft	**End Depth**	485.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	**Percent**	100

Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Pinicon Ridge		
Member	Kenwood		
Submember			
Start Depth	485.00 ft	**End Depth**	503.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Otis		
Member			
Submember			
Start Depth	503.00 ft	**End Depth**	515.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	0
Secondary Lithology	Limestone	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Silurian		
Series			
Group			
Formation	Laporte City		
Member			
Submember			
Start Depth	515.00 ft	**End Depth**	630.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	0
Secondary Lithology	Chert/Chalcedony	**Percent**	0
Tertiary Lithology	Limestone	**Percent**	0
Comments			

System	Silurian		
Series			
Group			

Formation			
Member			
Submember			
Start Depth	630.00 ft	**End Depth**	697.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	**Percent**	0
Secondary Lithology	Dolomite	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Ordovician		
Series			
Group			
Formation	Maquoketa		
Member	Brainard Shale		
Submember			
Start Depth	697.00 ft	**End Depth**	800.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	**Percent**	0
Secondary Lithology	Dolomite	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Ordovician		
Series			
Group			
Formation	Maquoketa		
Member	Ft. Atkinson Limestone		
Submember			
Start Depth	800.00 ft	**End Depth**	850.00 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	Clermont Shale		
Submember			
Start Depth	850.00 ft	**End Depth**	890.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	0

Secondary Lithology	Shale	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Ordovician		
Series			
Group			
Formation	Maquoketa		
Member	Elgin Limestone		
Submember			
Start Depth	890.00 ft	**End Depth**	920.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	0
Secondary Lithology	Shale	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Dubuque		
Member			
Submember			
Start Depth	920.00 ft	**End Depth**	965.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	**Percent**	0
Secondary Lithology	Dolomite	**Percent**	0
Tertiary Lithology	Shale	**Percent**	0
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Wise Lake		
Member			
Submember			
Start Depth	965.00 ft	**End Depth**	1040.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	**Percent**	0
Secondary Lithology	Dolomite	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Ordovician		
Series			
Group	Galena		

Formation	Dunleith		
Member			
Submember			
Start Depth	1040.00 ft	**End Depth**	1162.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	**Percent**	0
Secondary Lithology	Dolomite	**Percent**	0
Tertiary Lithology	Chert/Chalcedony	**Percent**	0
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Decorah		
Member	Guttenberg		
Submember			
Start Depth	1162.00 ft	**End Depth**	1200.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	**Percent**	0
Secondary Lithology	Shale	**Percent**	0
Tertiary Lithology	Dolomite	**Percent**	0
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Decorah		
Member	Spechts Ferry		
Submember			
Start Depth	1200.00 ft	**End Depth**	1205.00 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	Mcgregor		
Submember			
Start Depth	1205.00 ft	**End Depth**	1250.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	**Percent**	100

Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Platteville		
Member	Pecatonica		
Submember			
Start Depth	1250.00 ft	**End Depth**	1259.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	**Percent**	0
Secondary Lithology	Dolomite	**Percent**	0
Tertiary Lithology	Sandstone	**Percent**	0
Comments			

System	Ordovician		
Series			
Group	Ancell		
Formation	Glenwood		
Member			
Submember			
Start Depth	1259.00 ft	**End Depth**	1262.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	**Percent**	0
Secondary Lithology	Dolomite	**Percent**	0
Tertiary Lithology	Sandstone	**Percent**	0
Comments			

System	Ordovician		
Series			
Group	Ancell		
Formation	St. Peter Sandstone		
Member	Tonti		
Submember			
Start Depth	1262.00 ft	**End Depth**	1294.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	**Percent**	0
Secondary Lithology	Shale	**Percent**	0
Tertiary Lithology	Dolomite	**Percent**	0
Comments			

System	Ordovician		
Series			
Group	Prairie Du Chien		

Formation	Shakopee		
Member	Willow River		
Submember			
Start Depth	1294.00 ft	**End Depth**	1470.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	0
Secondary Lithology	Sandstone	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Ordovician		
Series			
Group	Prairie Du Chien		
Formation	Shakopee		
Member	New Richmond		
Submember			
Start Depth	1470.00 ft	**End Depth**	1530.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	0
Secondary Lithology	Sandstone	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Ordovician		
Series			
Group	Prairie Du Chien		
Formation	Oneota		
Member			
Submember			
Start Depth	1530.00 ft	**End Depth**	1746.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	0
Secondary Lithology	Chert/Chalcedony	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Cambrian		
Series			
Group			
Formation	Jordan		
Member			
Submember			
Start Depth	1746.00 ft	**End Depth**	1824.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	**Percent**	0

Secondary Lithology	Dolomite	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Cambrian		
Series			
Group			
Formation	St. Lawrence		
Member			
Submember			
Start Depth	1824.00 ft	**End Depth**	1880.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

Water Production Information

Date	09/15/2014	**Start Time**	
Aquifer			
Static Water Level	415.00 ft	**Yield**	0 gallons per minute
Pumping Water Level	428 ft	**Yield Method**	
Measurement	Airline	**Pump Test**	No
Pump Method		**Duration**	0 mins
Comments	Reported on DNR 2014 Jordan Questionnaire		

Chip Storage Information

Date	04/18/1983		
Storage	OD1-876->880	**Bin**	
Number of Boxes	5	**Number of Samples**	316
Sample Intervals	5	**Sample Gaps**	0-285,785-790,885-895,1065-1070
Sample Top	285 ft	**Sample Bottom**	1880 ft
Washed Top	285 ft	**Washed Bottom**	1880 ft
Duplicate Storage			
Comments			