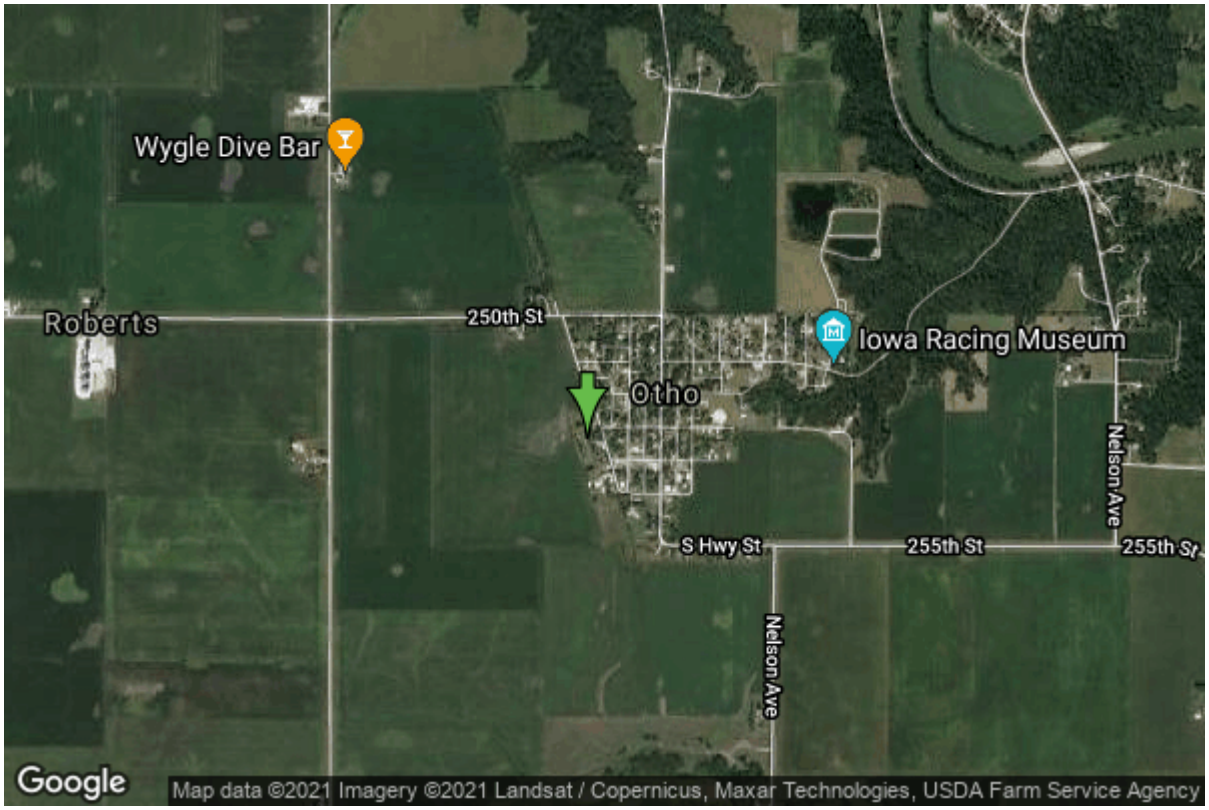
Well W#25023 Information



Date Received		**State**	Iowa
Owner Name	Otho, City Of	**County**	Webster
Alt Name	#3	**Quadrangle**	Fort Dodge South, Iowa
WNumber	25023	**Township**	T88N
PWTS ID	0	**Range**	R28W
PWS ID	9464008	**Section**	19
Storet ID	0	**Quarter**	NE SW NW
SDWIS ID	2409368	**Latitude**	42.4232800000
USGS ID	0	**Longitude**	-94.1528700000
Project	Source Water Protection	**Accuracy**	
Operator	Unknown	**UTM X**	405157
		UTM Y	4697418

Site Type	Drilled hole	**Drilling Company**	Layne Western - Ia.
Well Status	Active	**Drilling Date**	05/25/1978
Field Located	No	**Drilling Method**	Rotary
Elevation	1120 ft	**Bedrock Depth**	0 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	**Well Depth**	1050 ft
		Total Depth	1050 ft
Landscape Position	Unknown	**Well Types**	Municipal, Public Supply
		Aquifers	Devonian, Mississippian

Log Information

Date	07/01/1984
Log Types	Strip log

Prepared By	Unknown
Comments	

Date	
Log Types	Drillers log
Prepared By	Otho, City Of
Comments	

Stratigraphy Information

System	Quaternary		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	0.00 ft	**End Depth**	85.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sand And Gravel	**Percent**	100
Secondary Lithology	Till	**Percent**	0
Tertiary Lithology	Unknown	**Percent**	0
Comments			

System	Pennsylvanian (Subsystem Of Carboniferous System)		
Series			
Group	Cherokee		
Formation			
Member			
Submember			
Start Depth	85.00 ft	**End Depth**	195.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Siltstone	**Percent**	0
Secondary Lithology	Shale	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group			
Formation	St. Louis		
Member			
Submember			
Start Depth	195.00 ft	**End Depth**	250.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	100

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

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Augusta		
Formation			
Member			
Submember			
Start Depth	250.00 ft	**End Depth**	345.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	0
Secondary Lithology	Limestone	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Sub-Augusta		
Formation	Gilmore City		
Member			
Submember			
Start Depth	345.00 ft	**End Depth**	430.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Sub-Augusta		
Formation	Maynes Creek		
Member			
Submember			
Start Depth	430.00 ft	**End Depth**	610.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	**Percent**	0
Secondary Lithology	Dolomite	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	North Hill		

Formation	Prospect Hill		
Member			
Submember			
Start Depth	610.00 ft	**End Depth**	620.00 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	620.00 ft	**End Depth**	635.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Devonian		
Series			
Group	Yellow Spring (New Albany)		
Formation	Aplington		
Member			
Submember			
Start Depth	635.00 ft	**End Depth**	660.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Devonian		
Series			
Group	Yellow Spring (New Albany)		
Formation	Sheffield		
Member			
Submember			
Start Depth	660.00 ft	**End Depth**	677.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	**Percent**	100

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

System	Devonian		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	677.00 ft	**End Depth**	1050.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

Chip Storage Information

Date	06/02/1978		
Storage	PL9-587->589	**Bin**	
Number of Boxes	3	**Number of Samples**	208
Sample Intervals	5	**Sample Gaps**	245-50,350-55
Sample Top	0 ft	**Sample Bottom**	1050 ft
Washed Top	110 ft	**Washed Bottom**	1050 ft
Duplicate Storage			
Comments			