

Well W#9046 Information



Date Received		State	Iowa
Owner Name	Meservey, City Of	County	Cerro Gordo
Alt Name	#1	Quadrangle	Thornton, Iowa
WNumber	9046	Township	T94N
PWTS ID	0	Range	R22W
PWS ID	1754073	Section	32
Storet ID	0	Quarter	SW NW NE
SDWIS ID	2408857	Latitude	42.9154900000
USGS ID	0	Longitude	-93.4739000000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	461320
		UTM Y	4751539

Site Type	Drilled hole	Drilling Company	Thorpe Well Co.
Well Status	Unknown	Drilling Date	10/31/1957
Field Located	No	Drilling Method	Cable
Elevation	1253 ft	Bedrock Depth	102 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	573 ft
Landscape Position	Unknown	Total Depth	573 ft
		Well Types	Municipal, Public Supply
		Aquifers	Devonian

Casing Construction Information

Date	10/31/1957	Casing Type	Unknown
Start Depth	0.00 ft	End Depth	0.00 ft

Diameter	12.00 in	Amount	108.60 ft
-----------------	----------	---------------	-----------

Date	10/31/1957	Casing Type	Unknown
Start Depth	0.00 ft	End Depth	0.00 ft
Diameter	10.00 in	Amount	269.60 ft

Date	10/31/1957	Casing Type	Steel
Start Depth	0.00 ft	End Depth	340.00 ft
Diameter	8.00 in	Amount	77.00 ft

Log Information

Date	
Log Types	Strip log
Prepared By	Unknown

Date	
Log Types	Drillers log
Prepared By	Meservey, City Of

Stratigraphy Information

System	Quaternary		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	0.00 ft	End Depth	5.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Loess	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	

System	Quaternary
Series	Pleistocene Series
Group	
Formation	
Member	
Submember	

Start Depth	5.00 ft	End Depth	102.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till	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	102.00 ft	End Depth	120.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	North Hill		
Formation	Chapin		
Member			
Submember			
Start Depth	120.00 ft	End Depth	130.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology	Shale	Percent	0
Comments			

System	Devonian		
Series			
Group	Yellow Spring (New Albany)		
Formation	Aplington		
Member			
Submember			
Start Depth	130.00 ft	End Depth	150.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Yellow Spring (New Albany)		
Formation	Sheffield		
Member			
Submember			
Start Depth	150.00 ft	End Depth	205.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Shale	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Yellow Spring (New Albany)		
Formation	Lime Creek		
Member	Owen		
Submember			
Start Depth	205.00 ft	End Depth	240.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Yellow Spring (New Albany)		
Formation	Lime Creek		
Member	Cerro Gordo		
Submember			
Start Depth	240.00 ft	End Depth	314.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Shale	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Yellow Spring (New Albany)		
Formation	Lime Creek		
Member	Juniper Hill		
Submember			

Start Depth	314.00 ft	End Depth	335.00 ft
Contact Accuracy Penetration			
Primary Lithology	Shale	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Unknown		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	335.00 ft	End Depth	573.00 ft
Contact Accuracy Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology		Percent	
Comments			

Water Production Information

Date	10/31/1957	Start Time	
Aquifer	Unknown		
Static Water Level	131.00 ft	Yield	150 gallons per minute
Pumping Water Level	206 ft	Yield Method	Unknown
Measurement	Unknown	Pump Test	No
Pump Method	Unknown	Duration	0 mins
Comments			

Chip Storage Information

Date	11/08/1957		
Storage	NA2-11,12	Bin	
Number of Boxes	2	Number of Samples	109
Sample Intervals	5	Sample Gaps	5-10,35-40,70-75,80-85,90-95,185-190
Sample Top	0 ft	Sample Bottom	573 ft
Washed Top	100 ft	Washed Bottom	573 ft
Duplicate Storage			
Comments			