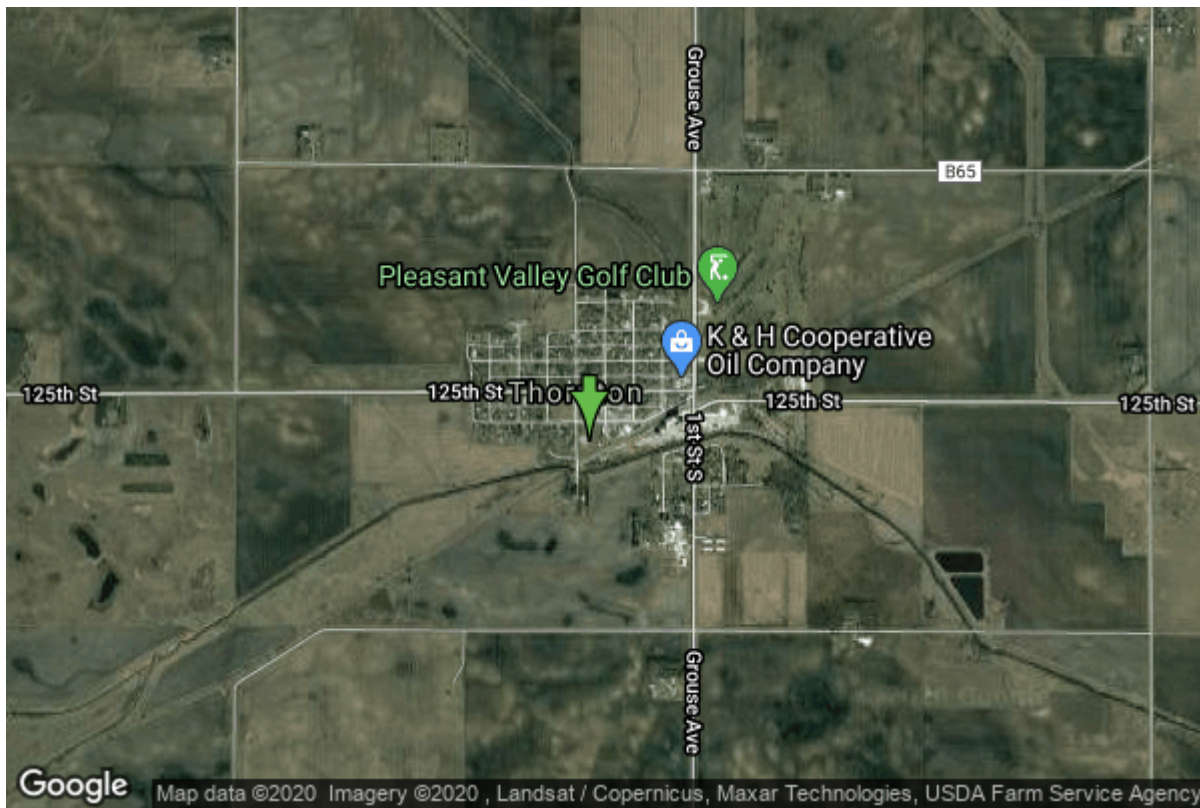


Well W#966 Information



Date Received		State	Iowa
Owner Name	Thornton, City Of	County	Cerro Gordo
Alt Name		Quadrangle	Thornton, Iowa
WNumber	966	Township	T94N
PWTS ID	0	Range	R22W
PWS ID	1781019	Section	24
Storet ID	0	Quarter	SE NE NW
SDWIS ID	0	Latitude	42.9428770000
USGS ID	0	Longitude	-93.3833790000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	468723
		UTM Y	4754543

Site Type	Drilled hole	Drilling Company	Unknown
Well Status	Not Used	Drilling Date	02/01/1939
Field Located	No	Drilling Method	Unknown
Elevation	1184 ft	Bedrock Depth	40 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	290 ft
Landscape Position	Unknown	Total Depth	290 ft
		Well Types	Municipal
		Aquifers	Devonian

Casing Construction Information

Date	02/01/1939	Casing Type	Unknown
Start Depth	0.00 ft	End Depth	100.00 ft

Diameter	8.00 in	Amount	0.00 ft
Comments			
Date	02/01/1939	Casing Type	Steel
Start Depth	115.30 ft	End Depth	290.00 ft
Diameter	6.00 in	Amount	0.00 ft
Comments			
Date	02/01/1939	Casing Type	Perforated
Start Depth	135.00 ft	End Depth	147.00 ft
Diameter	6.00 in	Amount	12.00 ft
Comments			
Date	02/01/1939	Casing Type	Perforated Steel
Start Depth	270.00 ft	End Depth	282.00 ft
Diameter	6.00 in	Amount	12.00 ft
Comments			

Log Information

Date	01/22/1942		
Log Types	Strip log		
Prepared By	Carrier, J.B.		
Comments			
Date			
Log Types	Drillers log		
Prepared By	Thornton, City Of		
Comments			
Date			
Log Types	Strip log		
Prepared By	Gardner		
Comments			

Stratigraphy Information

System	Quaternary		
Series	Pleistocene Series		
Group			
Formation			
Member			
Submember			
Start Depth	0.00 ft	End Depth	40.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till	Percent	100

Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Yellow Spring (New Albany)		
Formation	Aplington		
Member			
Submember			
Start Depth	40.00 ft	End Depth	45.00 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	45.00 ft	End Depth	98.00 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	Lime Creek		
Member	Owen		
Submember			
Start Depth	98.00 ft	End Depth	131.00 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	131.00 ft	End Depth	211.00 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	211.00 ft	End Depth	235.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Unknown		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	235.00 ft	End Depth	290.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology		Percent	
Comments			

Water Production Information

Date	02/01/1939	Start Time	
Aquifer	Unknown		
Static Water Level	11.00 ft	Yield	48 gallons per minute
Pumping Water Level	150 ft	Yield Method	Unknown
Measurement	Unknown	Pump Test	No
Pump Method	Unknown	Duration	0 mins
Comments			

Chip Storage Information

Date		Bin	
Storage	WF4-9	Number of Samples	28
Number of Boxes	1	Sample Gaps	
Sample Intervals	0	Sample Bottom	290 ft
Sample Top	0 ft	Washed Bottom	0 ft
Washed Top	0 ft		
Duplicate Storage			
Comments			

<https://www.iihr.uiowa.edu/igs/geosam/well/966/general-information>