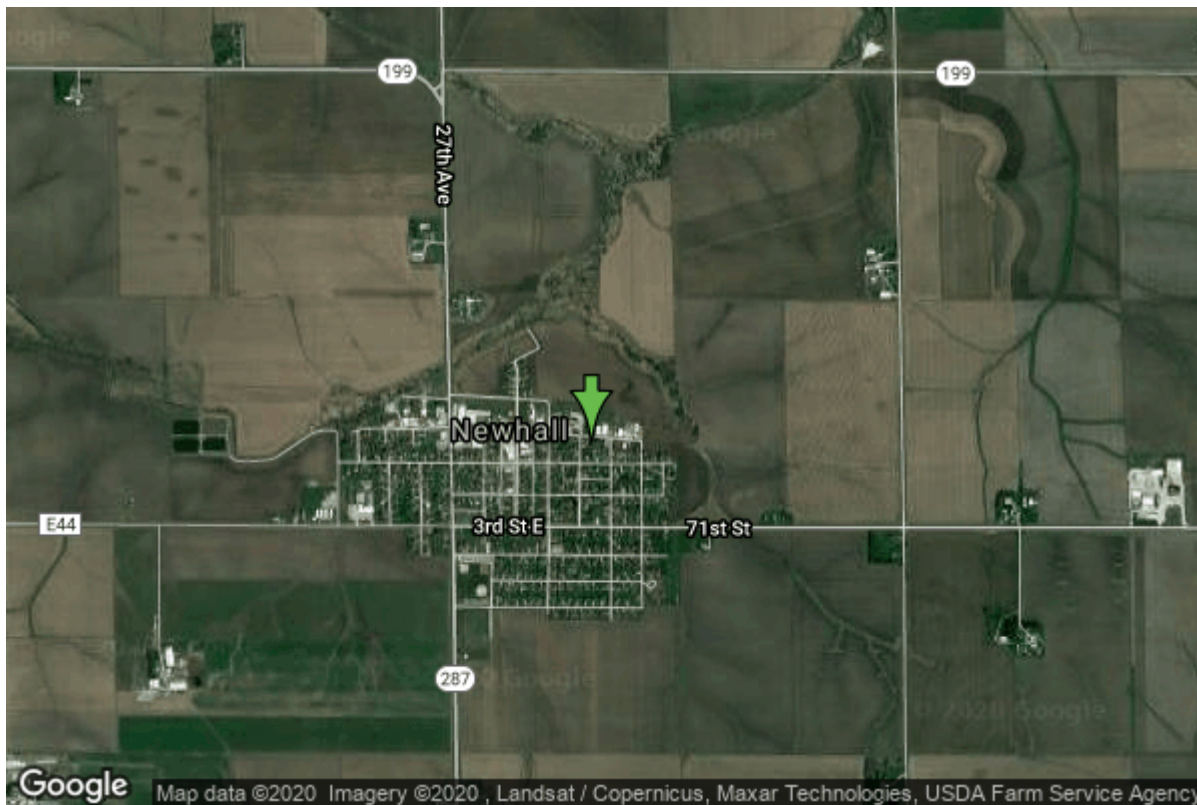


Well W#1126 Information



Date Received		State	Iowa
Owner Name	Newhall, City Of	County	Benton
Alt Name	#1	Quadrangle	Newhall, Iowa
WNumber	1126	Township	T83N
PWTS ID	0	Range	R10W
PWS ID	653050	Section	13
Storet ID	0	Quarter	SW SE NW
SDWIS ID	2412250	Latitude	41.9951470000
USGS ID	0	Longitude	-91.9634460000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	585852
		UTM Y	4649757

Site Type	Drilled hole	Drilling Company	Nolan, Charles D.
Well Status	Plugged	Drilling Date	02/01/1940
Field Located	No	Drilling Method	Cable
Elevation	878 ft	Bedrock Depth	0 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	473 ft
Landscape Position	Unknown	Total Depth	473 ft
		Well Types	Municipal, Public Supply
		Aquifers	Silurian/Devonian

Casing Construction Information

Date	02/01/1940	Casing Type	Steel
Start Depth	-1.60 ft	End Depth	173.30 ft

Diameter	10.00 in	Amount	174.90 ft
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Comments

Date	02/01/1940	Casing Type	Steel
Start Depth	163.30 ft	End Depth	280.00 ft
Diameter	8.00 in	Amount	116.70 ft

Comments

Grout Construction Information

Date	02/01/1940	Grout Placement	Unknown
Grout Type	Unknown	End Depth	280.00 ft
Start Depth	0.00 ft		

Comments

Log Information

Date	10/01/1943
Log Types	Strip log
Prepared By	Harris Jr., Stanley E.

Comments

Date	03/01/1940
Log Types	Strip log
Prepared By	Carmody, R.A.

Comments

Date	
Log Types	Drillers log
Prepared By	Newhall, City Of

Comments

Stratigraphy Information

System	Quaternary		
Series	Pleistocene Series		
Group			
Formation			
Member			
Submember			
Start Depth	0.00 ft	End Depth	168.00 ft
Contact Accuracy			
Penetration			
Primary Lithology		Percent	
Secondary Lithology		Percent	
Tertiary Lithology		Percent	

Comments

System Devonian
Series
Group Cedar Valley
Formation Little Cedar
Member Rapid
Submember
Start Depth 168.00 ft **End Depth** 190.00 ft
Contact Accuracy
Penetration
Primary Lithology Limestone **Percent** 0
Secondary Lithology Dolomite **Percent** 0
Tertiary Lithology Chert/Chalcedony **Percent** 0
Comments

System Devonian
Series
Group Cedar Valley
Formation Little Cedar
Member Solon
Submember
Start Depth 190.00 ft **End Depth** 258.00 ft
Contact Accuracy
Penetration
Primary Lithology Limestone **Percent** 0
Secondary Lithology Dolomite **Percent** 0
Tertiary Lithology
Comments

System Devonian
Series
Group Wapsipinicon
Formation Pinicon Ridge
Member Davenport
Submember
Start Depth 258.00 ft **End Depth** 275.00 ft
Contact Accuracy
Penetration
Primary Lithology Limestone **Percent** 100
Secondary Lithology
Tertiary Lithology
Comments

System Devonian
Series
Group Wapsipinicon
Formation Pinicon Ridge
Member Spring Grove

Submember			
Start Depth	275.00 ft	End Depth	300.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
<hr/>			
System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Pinicon Ridge		
Member	Kenwood		
Submember			
Start Depth	300.00 ft	End Depth	320.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			
<hr/>			
System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Otis		
Member			
Submember			
Start Depth	320.00 ft	End Depth	345.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology		Percent	
Comments			
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System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Otis		
Member			
Submember			
Start Depth	345.00 ft	End Depth	362.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	

Comments

System	Silurian		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	362.00 ft	End Depth	473.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			

Water Production Information

Date	02/01/1940	Start Time	
Aquifer	Unknown		
Static Water Level	80.00 ft	Yield	52 gallons per minute
Pumping Water Level	102 ft	Yield Method	Unknown
Measurement	Unknown	Pump Test	No
Pump Method	Unknown	Duration	0 mins
Comments	Formal pump test on file		

Chip Storage Information

Date		Bin	
Storage	WG7-1	Number of Samples	95
Number of Boxes	1	Sample Gaps	415-20,470-473
Sample Intervals	0	Sample Bottom	470 ft
Sample Top	0 ft	Washed Bottom	470 ft
Washed Top	165 ft		
Duplicate Storage			
Comments			

<https://www.iuhr.uiowa.edu/igs/geosam/well/1126/general-information>