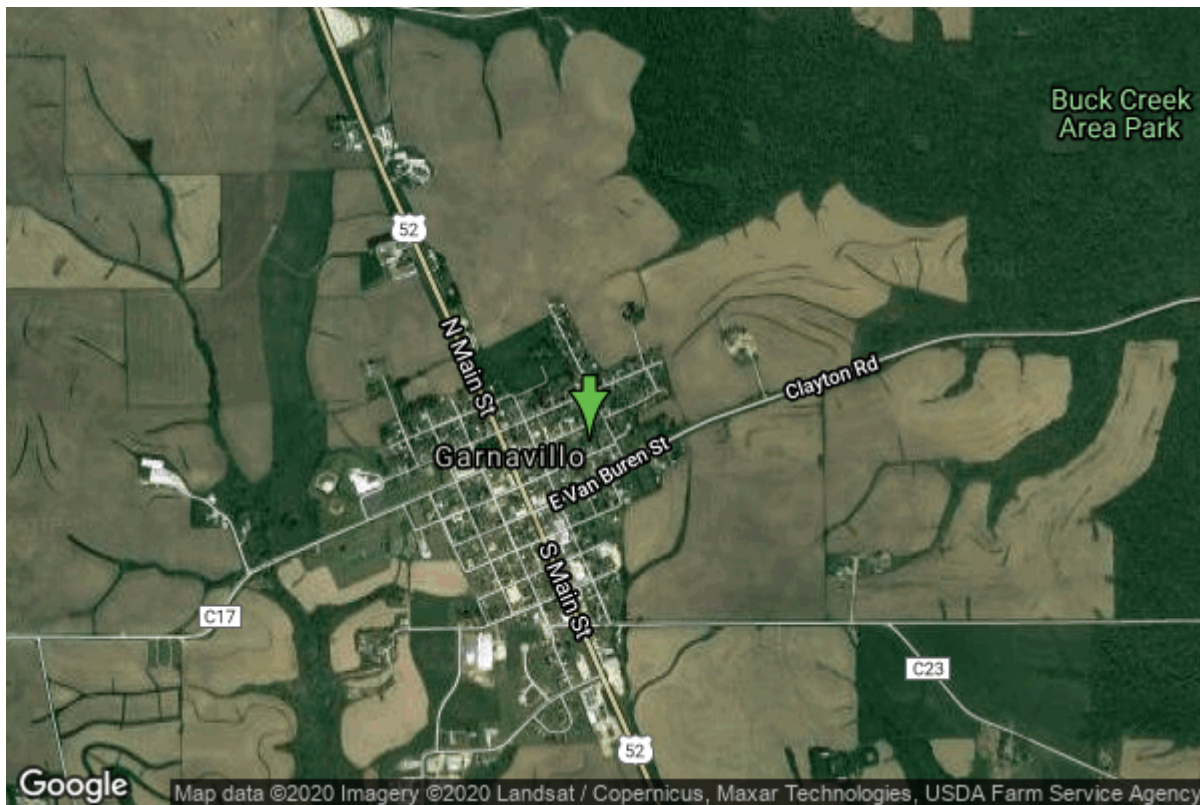


Well W#3713 Information



Date Received		State	Iowa
Owner Name	Garnavillo, City Of	County	Clayton
Alt Name	east	Quadrangle	Garnavillo, Iowa
WNumber	3713	Township	T93N
PWTS ID	0	Range	R3W
PWS ID	2234074	Section	18
Storet ID	0	Quarter	SE NE NE
SDWIS ID	0	Latitude	42.8690220000
USGS ID	0	Longitude	-91.2317850000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	644432
		UTM Y	4747787

Site Type	Drilled hole	Drilling Company	Layne Western - Ia.
Well Status	Not Used	Drilling Date	06/01/1949
Field Located	No	Drilling Method	Unknown
Elevation	1060 ft	Bedrock Depth	25 ft
Elevation Accuracy	Digital Elevation Model	Well Depth	385 ft
	Accurate to 5 ft	Total Depth	385 ft
Landscape Position	Unknown	Well Types	Municipal
		Aquifers	Cambrian-Ordovician, Ordovician (abv St. Peter)

Casing Construction Information

Date	06/01/1949	Casing Type	Steel
Start Depth	0.00 ft	End Depth	50.00 ft
Diameter	16.00 in	Amount	0.00 ft
Comments			

Date	06/01/1949	Casing Type	Steel
Start Depth	0.00 ft	End Depth	60.00 ft
Diameter	10.00 in	Amount	60.00 ft
Comments			

Grout Construction Information

Date	06/01/1949	Grout Type	Cement	Grout Placement	Unknown
Start Depth	0.00 ft	End Depth			60.00 ft
Comments					

Log Information

Date	08/23/1949
Log Types	Strip log
Prepared By	Huntington, George C.
Comments	

Date	06/01/1949
Log Types	Drillers log
Prepared By	Layne Western - Ia.
Comments	

Stratigraphy Information

System	Quaternary		
Series	Pleistocene Series		
Group	Wisconsinan Episode		
Formation	Peoria		
Member			
Submember			
Start Depth	0.00 ft	End Depth	25.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Loess	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	

Comments

System Ordovician
Series
Group
Formation Maquoketa
Member
Submember
Start Depth 25.00 ft **End Depth** 47.00 ft
Contact Accuracy
Penetration
Primary Lithology Shale **Percent** 0
Secondary Lithology Dolomite **Percent** 0
Tertiary Lithology **Percent**
Comments

System Ordovician
Series
Group Galena
Formation Dubuque
Member
Submember
Start Depth 47.00 ft **End Depth** 85.00 ft
Contact Accuracy
Penetration
Primary Lithology Dolomite **Percent** 100
Secondary Lithology **Percent**
Tertiary Lithology **Percent**
Comments

System Ordovician
Series
Group Galena
Formation Wise Lake
Member
Submember
Start Depth 85.00 ft **End Depth** 150.00 ft
Contact Accuracy
Penetration
Primary Lithology Dolomite **Percent** 100
Secondary Lithology **Percent**
Tertiary Lithology **Percent**
Comments

System Ordovician
Series
Group Galena
Formation Dunleith
Member

Submember			
Start Depth	150.00 ft	End Depth	265.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Ls/Dol Mixed	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			
<hr/>			
System	Ordovician		
Series			
Group	Galena		
Formation	Decorah		
Member			
Submember			
Start Depth	265.00 ft	End Depth	310.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Ls/Dol Mixed	Percent	0
Secondary Lithology	Shale	Percent	0
Tertiary Lithology		Percent	
Comments			
<hr/>			
System	Ordovician		
Series			
Group	Galena		
Formation	Platteville		
Member			
Submember			
Start Depth	310.00 ft	End Depth	351.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Ls/Dol Mixed	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
<hr/>			
System	Ordovician		
Series			
Group	Ancell		
Formation	Glenwood		
Member			
Submember			
Start Depth	351.00 ft	End Depth	360.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	

Comments

System	Ordovician		
Series			
Group	Ancell		
Formation	St. Peter Sandstone		
Member			
Submember			
Start Depth	360.00 ft	End Depth	385.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

Water Production Information

Date	06/01/1949	Start Time	
Aquifer	Unknown		
Static Water Level	70.00 ft	Yield	76 gallons per minute
Pumping Water Level	133 ft	Yield Method	Unknown
Measurement	Unknown	Pump Test	No
Pump Method	Unknown	Duration	0 mins
Comments			

Chip Storage Information

Date	06/24/1949		
Storage	CF1-5	Bin	
Number of Boxes	1	Number of Samples	76
Sample Intervals	5	Sample Gaps	0-10, 385-386
Sample Top	10 ft	Sample Bottom	385 ft
Washed Top	50 ft	Washed Bottom	385 ft
Duplicate Storage			
Comments			

<https://www.iihr.uiowa.edu/igs/geosam/well/3713/general-information>