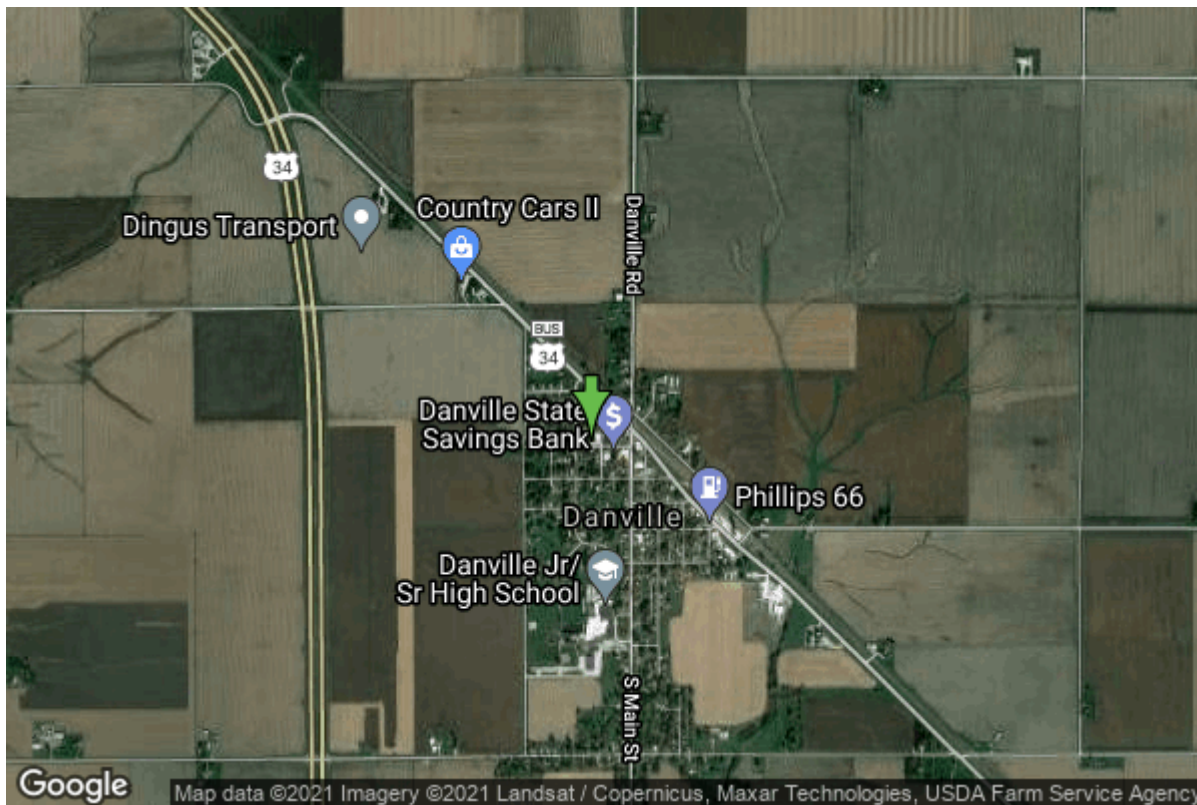


Well W#8739 Information



Date Received		State	Iowa
Owner Name	Danville, City Of	County	Des Moines
Alt Name		Quadrangle	Danville, Iowa
WNumber	8739	Township	T70N
PWTS ID	0	Range	R4W
PWS ID	2915000	Section	16
Storet ID	0	Quarter	NE SE NE
SDWIS ID	2410448	Latitude	40.8664560000
USGS ID	0	Longitude	-91.3156860000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	641942
		UTM Y	4525298

Site Type	Drilled hole	Drilling Company	Jennings, Charles
Well Status	Not Used	Drilling Date	04/11/1957
Field Located	No	Drilling Method	Cable
Elevation	722 ft	Bedrock Depth	94 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	1187 ft
Landscape Position	Upland	Total Depth	1187 ft
		Well Types	Municipal, Public Supply
		Aquifers	Cambrian-Ordovician, Ordovician (abv St. Peter)

Casing Construction Information

Date	03/11/1957	Casing Type	Steel
Start Depth	0.00 ft	End Depth	0.00 ft
Diameter	8.63 in	Amount	825.00 ft
Comments			

Log Information

Date	06/26/1958
Log Types	Strip log
Prepared By	Unknown
Comments	

Date	04/11/1957
Log Types	Drillers log
Prepared By	Jennings, Charles
Comments	

Stratigraphy Information

System	Quaternary		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	0.00 ft	End Depth	4.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Soil Or Fill	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Quaternary		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	4.00 ft	End Depth	10.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Loess	Percent	100
Secondary Lithology		Percent	

Tertiary Lithology	Percent		
Comments			
System	Quaternary		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	10.00 ft	End Depth	22.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
System	Quaternary		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	22.00 ft	End Depth	93.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till	Percent	0
Secondary Lithology	Gumbotil	Percent	0
Tertiary Lithology		Percent	
Comments			
System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group			
Formation	Spergen		
Member			
Submember			
Start Depth	93.00 ft	End Depth	107.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Sandstone	Percent	0
Tertiary Lithology		Percent	
Comments			
System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Augusta		
Formation	Warsaw		

Member			
Submember			
Start Depth	107.00 ft	End Depth	143.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Augusta		
Formation	Keokuk		
Member			
Submember			
Start Depth	143.00 ft	End Depth	207.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Ls/Dol Mixed	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology	Shale	Percent	0
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Augusta		
Formation	Burlington		
Member	Cedar Fork		
Submember			
Start Depth	207.00 ft	End Depth	222.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology	Dolomite	Percent	0
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Augusta		
Formation	Burlington		
Member	Haight Creek		
Submember			
Start Depth	222.00 ft	End Depth	280.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Limestone	Percent	0

Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			
System	Unknown		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	280.00 ft	End Depth	290.00 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	North Hill		
Formation	Prospect Hill		
Member			
Submember			
Start Depth	290.00 ft	End Depth	300.00 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	North Hill		
Formation	Mccraney		
Member			
Submember			
Start Depth	300.00 ft	End Depth	315.00 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	Maple Mill		

Member	English River		
Submember			
Start Depth	315.00 ft	End Depth	330.00 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	330.00 ft	End Depth	475.00 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	Sheffield		
Member			
Submember			
Start Depth	475.00 ft	End Depth	605.00 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			
Submember			
Start Depth	605.00 ft	End Depth	620.00 ft
Contact Accuracy Penetration			
Primary Lithology	Shale	Percent	100
Secondary Lithology		Percent	

Tertiary Lithology		Percent	
Comments			
System	Devonian		
Series			
Group	Cedar Valley		
Formation	Little Cedar		
Member	Rapid		
Submember			
Start Depth	620.00 ft	End Depth	650.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology		Percent	
Comments			
System	Devonian		
Series			
Group	Cedar Valley		
Formation	Little Cedar		
Member	Solon		
Submember			
Start Depth	650.00 ft	End Depth	740.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Shale	Percent	0
Tertiary Lithology	Dolomite	Percent	0
Comments			
System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Pinicon Ridge		
Member	Davenport		
Submember			
Start Depth	740.00 ft	End Depth	765.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Pinicon Ridge		

Member	Spring Grove		
Submember			
Start Depth	765.00 ft	End Depth	775.00 ft
Contact Accuracy Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Shale	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Pinicon Ridge		
Member	Kenwood		
Submember			
Start Depth	775.00 ft	End Depth	835.00 ft
Contact Accuracy Penetration			
Primary Lithology	Shale	Percent	0
Secondary Lithology	Sandstone	Percent	0
Tertiary Lithology	Dolomite	Percent	0
Comments			

System	Unknown		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	835.00 ft	End Depth	915.00 ft
Contact Accuracy Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Dunleith		
Member			
Submember			
Start Depth	915.00 ft	End Depth	1030.00 ft
Contact Accuracy Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0

Tertiary Lithology		Percent	
Comments			
System	Ordovician		
Series			
Group	Galena		
Formation	Decorah/Platteville Undiff.		
Member			
Submember			
Start Depth	1030.00 ft	End Depth	1075.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			
System	Ordovician		
Series			
Group	Ancell		
Formation	Glenwood		
Member	Starved Rock Sandstone		
Submember			
Start Depth	1075.00 ft	End Depth	1140.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
System	Ordovician		
Series			
Group	Ancell		
Formation	Glenwood		
Member	Harmony Hill		
Submember			
Start Depth	1140.00 ft	End Depth	1152.00 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	1152.00 ft	End Depth	1185.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Prairie Du Chien		
Formation	Shakopee		
Member	Willow River		
Submember			
Start Depth	1185.00 ft	End Depth	1187.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			

Water Production Information

Date	03/11/1957	Start Time	
Aquifer	Unknown		
Static Water Level	178.00 ft	Yield	97 gallons per minute
Pumping Water Level	279 ft	Yield Method	Unknown
Measurement	Unknown	Pump Test	Yes
Pump Method	Unknown	Duration	0 mins
Comments			

Chip Storage Information

Date	09/03/1957		
Storage	CC5-15,16; CB5-10	Bin	
Number of Boxes	3	Number of Samples	231
Sample Intervals	5	Sample Gaps	70-80,265-270,325-330,8 10-820,1185-1187
Sample Top	0 ft	Sample Bottom	1185 ft
Washed Top	95 ft	Washed Bottom	1185 ft
Duplicate Storage			
Comments			