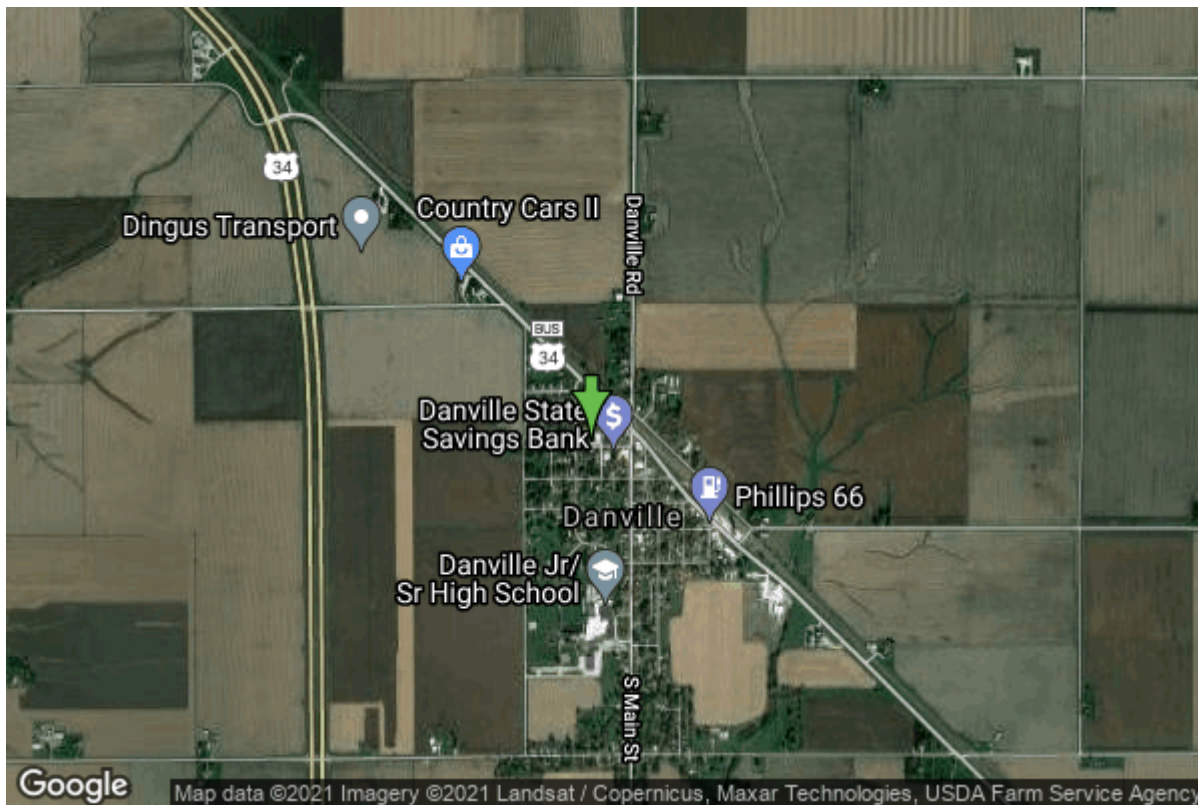


Well W#1572 Information



Date Received		State	Iowa
Owner Name	Danville, City Of	County	Des Moines
Alt Name		Quadrangle	Danville, Iowa
WNumber	1572	Township	T70N
PWTS ID	0	Range	R4W
PWS ID	2915000	Section	16
Storet ID	0	Quarter	NE SE NE
SDWIS ID	2409740	Latitude	40.8664740000
USGS ID	0	Longitude	-91.3156650000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	641944
		UTM Y	4525300

Site Type	Drilled hole	Drilling Company	Hoeg & Ames (H.M. White)
Well Status	Not Used	Drilling Date	06/01/1942
Field Located	No	Drilling Method	Cable
Elevation	722 ft	Bedrock Depth	85 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	1189 ft
Landscape Position	Upland	Total Depth	1189 ft
		Well Types	Municipal, Public Supply
		Aquifers	Cambrian-Ordovician, Ordovician (abv St. Peter)

Casing Construction Information

Date	06/06/1942	Casing Type	Steel
Start Depth	0.00 ft	End Depth	838.00 ft
Diameter	6.00 in	Amount	838.00 ft
Comments			

Log Information

Date	08/13/1945
Log Types	Strip log
Prepared By	Harris Jr., Stanley E.
Comments	

Date	11/13/1942
Log Types	Strip log
Prepared By	Harris Jr., Stanley E.
Comments	

Date	06/01/1942
Log Types	Drillers log
Prepared By	Hoeg & Ames (H.M. White)
Comments	

Stratigraphy Information

System	Quaternary		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	0.00 ft	End Depth	25.00 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	25.00 ft	End Depth	85.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till	Percent	0
Secondary Lithology	Gumbotil	Percent	0
Tertiary Lithology	Sand	Percent	0
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group			
Formation	Spergen		
Member			
Submember			
Start Depth	85.00 ft	End Depth	95.00 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	Augusta		
Formation	Warsaw		
Member			
Submember			
Start Depth	95.00 ft	End Depth	134.00 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	134.00 ft	End Depth	198.00 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			
Submember			
Start Depth	198.00 ft	End Depth	265.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Ls/Dol Mixed	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology	Shale	Percent	0
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Sub-Augusta		
Formation	Maynes Creek		
Member	Wassonville		
Submember			
Start Depth	265.00 ft	End Depth	272.00 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			
Member			
Submember			
Start Depth	272.00 ft	End Depth	282.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	North Hill		
Formation	Prospect Hill		
Member			
Submember			

Start Depth	282.00 ft	End Depth	290.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Siltstone	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	North Hill		
Formation	Mccraney		
Member			
Submember			
Start Depth	290.00 ft	End Depth	305.00 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	Maple Mill		
Member	English River		
Submember			
Start Depth	305.00 ft	End Depth	322.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Siltstone	Percent	0
Secondary Lithology	Shale	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Yellow Spring (New Albany)		
Formation	Maple Mill		
Member			
Submember			
Start Depth	322.00 ft	End Depth	455.00 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	455.00 ft	End Depth	585.00 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	Solon		
Submember			
Start Depth	592.00 ft	End Depth	715.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Pinicon Ridge		
Member	Davenport		
Submember			
Start Depth	715.00 ft	End Depth	745.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Sandstone	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Pinicon Ridge		
Member	Spring Grove		
Submember			

Start Depth	745.00 ft	End Depth	753.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Pinicon Ridge		
Member	Kenwood		
Submember			
Start Depth	753.00 ft	End Depth	800.00 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	800.00 ft	End Depth	880.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Sandstone	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Dunleith		
Member			
Submember			
Start Depth	880.00 ft	End Depth	1005.00 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	1005.00 ft	End Depth	1060.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology	Shale	Percent	0
Comments			

System	Ordovician		
Series			
Group	Ansell		
Formation	Glenwood		
Member	Starved Rock Sandstone		
Submember			
Start Depth	1060.00 ft	End Depth	1122.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Ansell		
Formation	Glenwood		
Member	Harmony Hill		
Submember			
Start Depth	1122.00 ft	End Depth	1133.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Ansell		
Formation	St. Peter Sandstone		
Member			
Submember			

Start Depth	1133.00 ft	End Depth	1170.00 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	1170.00 ft	End Depth	1189.00 ft
Contact Accuracy Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Sandstone	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			

Water Production Information

Date	06/06/1942	Start Time	
Aquifer	Unknown		
Static Water Level	161.00 ft	Yield	209 gallons per minute
Pumping Water Level	168 ft	Yield Method	Unknown
Measurement	Unknown	Pump Test	Yes
Pump Method	Unknown	Duration	0 mins
Comments			

Chip Storage Information

Date		Bin	
Storage	WJ6-4->6	Number of Samples	226
Number of Boxes	3	Sample Gaps	1145-1155,1175-1180
Sample Intervals	0	Sample Bottom	1189 ft
Sample Top	0 ft	Washed Bottom	0 ft
Washed Top	0 ft		
Duplicate Storage			
Comments			