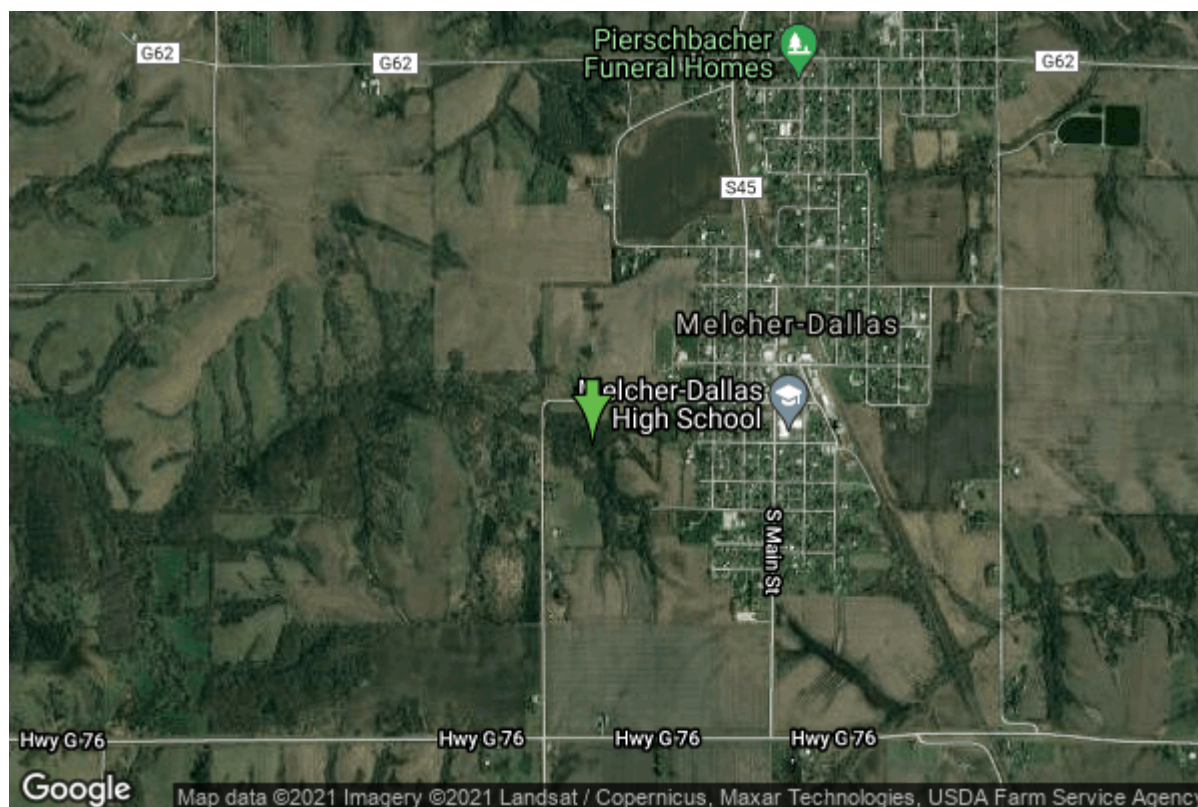


# Well W#3718 Information



<b>Date Received</b>		<b>State</b>	Iowa
<b>Owner Name</b>	Dallas-Melcher, City Of	<b>County</b>	Marion
<b>Alt Name</b>	MELCHER TEST #15	<b>Quadrangle</b>	Melcher, Iowa
<b>WNumber</b>	3718	<b>Township</b>	T74N
<b>PWTS ID</b>	0	<b>Range</b>	R21W
<b>PWS ID</b>	6300099	<b>Section</b>	11
<b>Storet ID</b>	0	<b>Quarter</b>	SW SW NE
<b>SDWIS ID</b>	0	<b>Latitude</b>	41.2210670000
<b>USGS ID</b>	0	<b>Longitude</b>	-93.2489580000
<b>Project</b>	Source Water Protection	<b>Accuracy</b>	
<b>Operator</b>	Unknown	<b>UTM X</b>	479132
		<b>UTM Y</b>	4563328

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<b>Site Type</b>	Drilled hole	<b>Drilling Company</b>	Pella Tank & Pipe Company
<b>Well Status</b>	Not Used	<b>Drilling Date</b>	06/17/1949
<b>Field Located</b>	No	<b>Drilling Method</b>	Cable
<b>Elevation</b>	908 ft	<b>Bedrock Depth</b>	97 ft
<b>Elevation Accuracy</b>	Digital Elevation Model Accurate to 5 ft	<b>Well Depth</b>	97 ft
<b>Landscape Position</b>	Hillside	<b>Total Depth</b>	108 ft
		<b>Well Types</b>	Municipal
		<b>Aquifers</b>	Pleistocene

# Log Information

Date 06/29/1949  
Log Types Strip log  
Prepared By Unknown  
Comments

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Date  
Log Types Drillers log  
Prepared By Unknown  
Comments

# Stratigraphy Information

System Quaternary  
Series Pleistocene Series  
Group Pre-Illinoian  
Formation  
Member  
Submember  
Start Depth 0.00 ft      End Depth 5.00 ft  
Contact Accuracy  
Penetration  
Primary Lithology Till - Oxidized And Leached      Percent 100  
Secondary Lithology Unknown      Percent 0  
Tertiary Lithology Unknown      Percent 0  
Comments

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System Quaternary  
Series Pleistocene Series  
Group Pre-Illinoian  
Formation  
Member  
Submember  
Start Depth 5.00 ft      End Depth 20.00 ft  
Contact Accuracy  
Penetration  
Primary Lithology Till - Oxidized And Unleached      Percent 100  
Secondary Lithology      Percent  
Tertiary Lithology      Percent  
Comments

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System Quaternary  
Series Pleistocene Series  
Group Pre-Illinoian

<b>Formation Member Submember</b>			
<b>Start Depth</b>	20.00 ft	<b>End Depth</b>	25.00 ft
<b>Contact Accuracy Penetration</b>			
<b>Primary Lithology</b>	Till - Oxidized And Unleached	<b>Percent</b>	50
<b>Secondary Lithology</b>	Till - Unoxidized And Unleached	<b>Percent</b>	50
<b>Tertiary Lithology</b>	Unknown	<b>Percent</b>	0
<b>Comments</b>			

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<b>System Series Group Formation Member Submember</b>	Quaternary Pleistocene Series Pre-Illinoian		
<b>Start Depth</b>	25.00 ft	<b>End Depth</b>	30.00 ft
<b>Contact Accuracy Penetration</b>			
<b>Primary Lithology</b>	Till - Unoxidized And Unleached	<b>Percent</b>	80
<b>Secondary Lithology</b>	Till - Oxidized And Unleached	<b>Percent</b>	20
<b>Tertiary Lithology</b>	Unknown	<b>Percent</b>	0
<b>Comments</b>			

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<b>System Series Group Formation Member Submember</b>	Quaternary Pleistocene Series Pre-Illinoian		
<b>Start Depth</b>	30.00 ft	<b>End Depth</b>	35.00 ft
<b>Contact Accuracy Penetration</b>			
<b>Primary Lithology</b>	Till - Oxidized And Unleached	<b>Percent</b>	90
<b>Secondary Lithology</b>	Till - Unoxidized And Unleached	<b>Percent</b>	10
<b>Tertiary Lithology</b>	Unknown	<b>Percent</b>	0
<b>Comments</b>			

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<b>System Series Group Formation</b>	Quaternary Pleistocene Series		
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<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	35.00 ft	<b>End Depth</b>	40.00 ft
<b>Contact Accuracy Penetration</b>			
<b>Primary Lithology</b>	Sand	<b>Percent</b>	100
<b>Secondary Lithology</b>	Unknown	<b>Percent</b>	0
<b>Tertiary Lithology</b>	Unknown	<b>Percent</b>	0
<b>Comments</b>			

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<b>System</b>	Quaternary		
<b>Series</b>	Pleistocene Series		
<b>Group</b>	Pre-Illinoian		
<b>Formation</b>			
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	40.00 ft	<b>End Depth</b>	45.00 ft
<b>Contact Accuracy Penetration</b>			
<b>Primary Lithology</b>	Till - Oxidized And Unleached	<b>Percent</b>	80
<b>Secondary Lithology</b>	Till - Unoxidized And Unleached	<b>Percent</b>	20
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Quaternary		
<b>Series</b>	Pleistocene Series		
<b>Group</b>	Pre-Illinoian		
<b>Formation</b>			
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	45.00 ft	<b>End Depth</b>	70.00 ft
<b>Contact Accuracy Penetration</b>			
<b>Primary Lithology</b>	Paleosol	<b>Percent</b>	100
<b>Secondary Lithology</b>	Unknown	<b>Percent</b>	0
<b>Tertiary Lithology</b>	Unknown	<b>Percent</b>	0
<b>Comments</b>			

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<b>System</b>	Quaternary		
<b>Series</b>	Pleistocene Series		
<b>Group</b>	Pre-Illinoian		
<b>Formation</b>			
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	70.00 ft	<b>End Depth</b>	82.00 ft
<b>Contact Accuracy Penetration</b>			

<b>Primary Lithology</b>	Till - Unoxidized And Unleached	<b>Percent</b>	65
<b>Secondary Lithology</b>	Till - Oxidized And Unleached	<b>Percent</b>	35
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

<b>System</b>	Quaternary		
<b>Series</b>	Pleistocene Series		
<b>Group</b>			
<b>Formation</b>			
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	82.00 ft	<b>End Depth</b>	97.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Sand	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

<b>System</b>	Pennsylvanian (Subsystem Of Carboniferous System)		
<b>Series</b>			
<b>Group</b>	Cherokee		
<b>Formation</b>			
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	97.00 ft	<b>End Depth</b>	108.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Shale	<b>Percent</b>	0
<b>Secondary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

## Chip Storage Information

<b>Date</b>	06/27/1949		
<b>Storage</b>	CF1-8	<b>Bin</b>	
<b>Number of Boxes</b>	1	<b>Number of Samples</b>	20
<b>Sample Intervals</b>	0	<b>Sample Gaps</b>	
<b>Sample Top</b>	0 ft	<b>Sample Bottom</b>	108 ft
<b>Washed Top</b>	95 ft	<b>Washed Bottom</b>	108 ft
<b>Duplicate Storage</b>			
<b>Comments</b>			