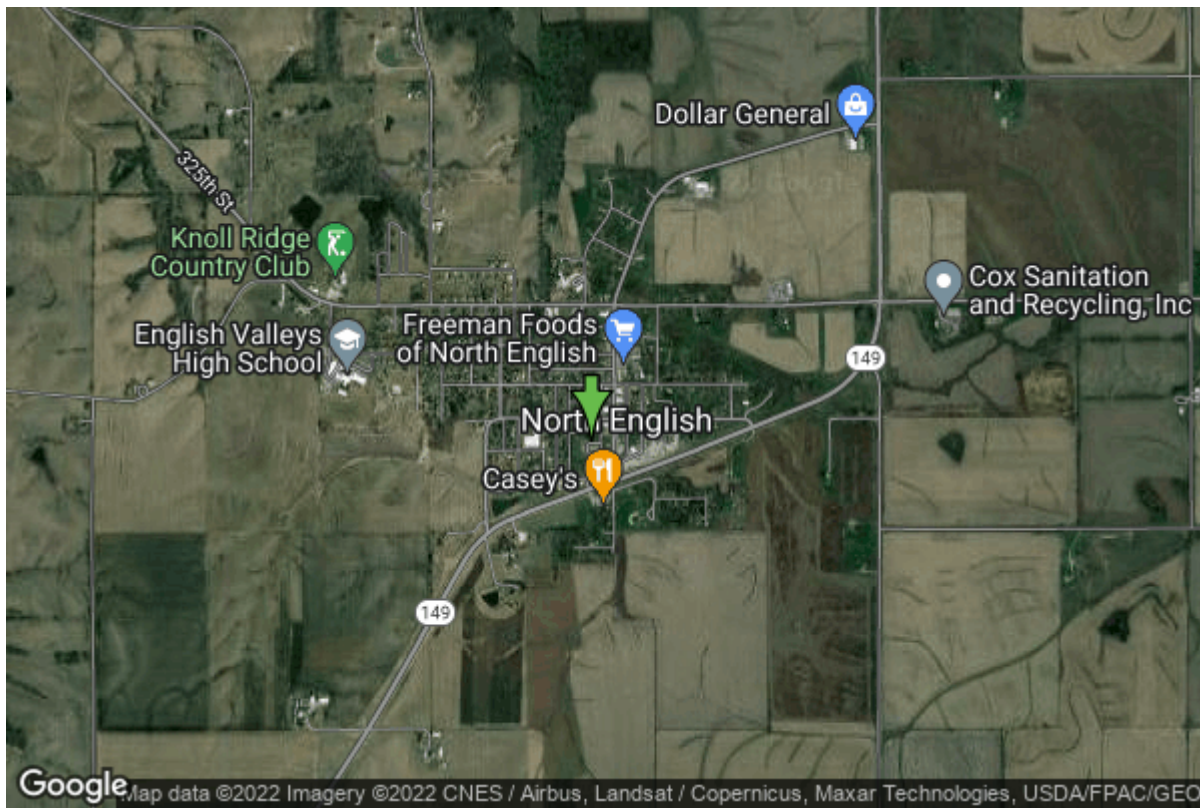


# Well W#2910 Information



<b>Date Received</b>		<b>State</b>	Iowa
<b>Owner Name</b>	North English, City Of	<b>County</b>	Iowa
<b>Alt Name</b>	#1	<b>Quadrangle</b>	North English, Iowa
<b>WNumber</b>	2910	<b>Township</b>	T78N
<b>PWTS ID</b>	0	<b>Range</b>	R11W
<b>PWS ID</b>	4858070	<b>Section</b>	36
<b>Storet ID</b>	0	<b>Quarter</b>	SW SE NE
<b>SDWIS ID</b>	2411172	<b>Latitude</b>	41.5131990000
<b>USGS ID</b>	0	<b>Longitude</b>	-92.0767470000
<b>Project</b>	Source Water Protection	<b>Accuracy</b>	
<b>Operator</b>	Unknown	<b>UTM X</b>	577042
		<b>UTM Y</b>	4596141

<b>Site Type</b>	Drilled hole	<b>Drilling Company</b>	Thorpe Well Co.
<b>Well Status</b>	Active	<b>Drilling Date</b>	09/23/1947
<b>Field Located</b>	No	<b>Drilling Method</b>	Cable
<b>Elevation</b>	806 ft	<b>Bedrock Depth</b>	0 ft
<b>Elevation Accuracy</b>	Topo Map Accurate to 2 ft	<b>Well Depth</b>	1940 ft
<b>Landscape Position</b>	Hillside	<b>Total Depth</b>	1940 ft
		<b>Well Types</b>	Municipal, Public Supply
		<b>Aquifers</b>	Cambrian-Ordovician

## Casing Construction Information

<b>Date</b>	09/23/1947	<b>Casing Type</b>	Steel
<b>Start Depth</b>	0.00 ft	<b>End Depth</b>	632.00 ft

<b>Diameter</b>	16.00 in	<b>Amount</b>	632.00 ft
<b>Comments</b>			
<b>Date</b>	09/23/1947	<b>Casing Type</b>	Steel
<b>Start Depth</b>	606.00 ft	<b>End Depth</b>	1050.00 ft
<b>Diameter</b>	13.38 in	<b>Amount</b>	444.00 ft
<b>Comments</b>			
<b>Date</b>	09/23/1947	<b>Casing Type</b>	Steel
<b>Start Depth</b>	1026.00 ft	<b>End Depth</b>	1705.00 ft
<b>Diameter</b>	10.00 in	<b>Amount</b>	679.00 ft
<b>Comments</b>			

## Grout Construction Information

<b>Date</b>	09/23/1947	<b>Grout Type</b>	Cement	<b>Grout Placement</b>	Unknown
<b>Start Depth</b>	0.00 ft	<b>End Depth</b>			1705.00 ft
<b>Comments</b>					

## Log Information

<b>Date</b>	09/25/1947
<b>Log Types</b>	Pump Test
<b>Prepared By</b>	
<b>Comments</b>	

<b>Date</b>	07/07/1947
<b>Log Types</b>	Strip log
<b>Prepared By</b>	Unknown
<b>Comments</b>	

<b>Date</b>	
<b>Log Types</b>	Drillers log
<b>Prepared By</b>	North English, City Of
<b>Comments</b>	

## Stratigraphy Information

<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>	0.00 ft	<b>End Depth</b>	215.00 ft

<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Till	<b>Percent</b>	0
<b>Secondary Lithology</b>	Sand	<b>Percent</b>	0
<b>Tertiary Lithology</b>	Silt	<b>Percent</b>	0
<b>Comments</b>			

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<b>System</b>	Mississippian (Subsystem Of Carboniferous System)		
<b>Series</b>			
<b>Group</b>	North Hill		
<b>Formation</b>	Prospect Hill		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	215.00 ft	<b>End Depth</b>	245.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Shale	<b>Percent</b>	0
<b>Secondary Lithology</b>	Siltstone	<b>Percent</b>	0
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Devonian		
<b>Series</b>			
<b>Group</b>	Yellow Spring (New Albany)		
<b>Formation</b>	Maple Mill		
<b>Member</b>	English River		
<b>Submember</b>			
<b>Start Depth</b>	245.00 ft	<b>End Depth</b>	260.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Siltstone	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Devonian		
<b>Series</b>			
<b>Group</b>	Yellow Spring (New Albany)		
<b>Formation</b>	Maple Mill		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	260.00 ft	<b>End Depth</b>	370.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Shale	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Devonian		
<b>Series</b>			
<b>Group</b>	Yellow Spring (New Albany)		
<b>Formation</b>	Sheffield		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	370.00 ft	<b>End Depth</b>	500.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Shale	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Devonian		
<b>Series</b>			
<b>Group</b>	Yellow Spring (New Albany)		
<b>Formation</b>	Lime Creek		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	500.00 ft	<b>End Depth</b>	625.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Shale	<b>Percent</b>	0
<b>Secondary Lithology</b>	Limestone	<b>Percent</b>	0
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Devonian		
<b>Series</b>			
<b>Group</b>	Cedar Valley		
<b>Formation</b>	Little Cedar		
<b>Member</b>	Rapid		
<b>Submember</b>			
<b>Start Depth</b>	625.00 ft	<b>End Depth</b>	675.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Secondary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	0
<b>Tertiary Lithology</b>	Shale	<b>Percent</b>	0
<b>Comments</b>			

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<b>System</b>	Devonian		
<b>Series</b>			
<b>Group</b>	Cedar Valley		
<b>Formation</b>	Little Cedar		
<b>Member</b>	Solon		
<b>Submember</b>			

<b>Start Depth</b>	675.00 ft	<b>End Depth</b>	725.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Secondary Lithology</b>	Limestone	<b>Percent</b>	0
<b>Tertiary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	0
<b>Comments</b>			

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<b>System</b>	Devonian		
<b>Series</b>			
<b>Group</b>	Wapsipinicon		
<b>Formation</b>	Pinicon Ridge		
<b>Member</b>	Davenport		
<b>Submember</b>			
<b>Start Depth</b>	725.00 ft	<b>End Depth</b>	730.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Secondary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	0
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Devonian		
<b>Series</b>			
<b>Group</b>	Wapsipinicon		
<b>Formation</b>	Pinicon Ridge		
<b>Member</b>	Spring Grove		
<b>Submember</b>			
<b>Start Depth</b>	730.00 ft	<b>End Depth</b>	765.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Secondary Lithology</b>	Sand	<b>Percent</b>	0
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Silurian		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>			
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	765.00 ft	<b>End Depth</b>	780.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Secondary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	0
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Silurian		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>	Tete Des Morts/Mosalem Undiff.		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	780.00 ft	<b>End Depth</b>	790.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Secondary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	0
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>	Maquoketa		
<b>Member</b>	Brainard Shale		
<b>Submember</b>			
<b>Start Depth</b>	790.00 ft	<b>End Depth</b>	1010.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Shale	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>	Maquoketa		
<b>Member</b>	Elgin Limestone		
<b>Submember</b>			
<b>Start Depth</b>	1010.00 ft	<b>End Depth</b>	1033.00 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>			

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<b>System</b>	Unknown		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>			
<b>Member</b>			
<b>Submember</b>			

<b>Start Depth</b>	1033.00 ft	<b>End Depth</b>	1105.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Secondary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	0
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>	Galena		
<b>Formation</b>	Dunleith		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	1105.00 ft	<b>End Depth</b>	1236.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Limestone	<b>Percent</b>	0
<b>Secondary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Tertiary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	0
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>	Galena		
<b>Formation</b>	Decorah		
<b>Member</b>	Ion		
<b>Submember</b>			
<b>Start Depth</b>	1236.00 ft	<b>End Depth</b>	1240.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Limestone	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>	Galena		
<b>Formation</b>	Decorah		
<b>Member</b>	Guttenberg		
<b>Submember</b>			
<b>Start Depth</b>	1240.00 ft	<b>End Depth</b>	1247.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Limestone	<b>Percent</b>	0
<b>Secondary Lithology</b>	Shale	<b>Percent</b>	0
<b>Tertiary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>	Galena		
<b>Formation</b>	Decorah		
<b>Member</b>	Spechts Ferry		
<b>Submember</b>			
<b>Start Depth</b>	1247.00 ft	<b>End Depth</b>	1295.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Limestone	<b>Percent</b>	0
<b>Secondary Lithology</b>	Shale	<b>Percent</b>	0
<b>Tertiary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>	Ancell		
<b>Formation</b>	Glenwood		
<b>Member</b>	Starved Rock Sandstone		
<b>Submember</b>			
<b>Start Depth</b>	1295.00 ft	<b>End Depth</b>	1298.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Sandstone	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>	Ancell		
<b>Formation</b>	Glenwood		
<b>Member</b>	Harmony Hill		
<b>Submember</b>			
<b>Start Depth</b>	1298.00 ft	<b>End Depth</b>	1310.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Shale	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>	Ancell		
<b>Formation</b>	St. Peter Sandstone		
<b>Member</b>			
<b>Submember</b>			



<b>Start Depth</b>	1310.00 ft	<b>End Depth</b>	1340.00 ft
<b>Contact Accuracy Penetration</b>			
<b>Primary Lithology</b>	Sandstone	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System Series</b>	Ordovician		
<b>Group</b>	Prairie Du Chien		
<b>Formation</b>	Shakopee		
<b>Member</b>	Willow River		
<b>Submember</b>			
<b>Start Depth</b>	1340.00 ft	<b>End Depth</b>	1495.00 ft
<b>Contact Accuracy Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Secondary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	0
<b>Tertiary Lithology</b>	Sandstone	<b>Percent</b>	0
<b>Comments</b>			

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<b>System Series</b>	Ordovician		
<b>Group</b>	Prairie Du Chien		
<b>Formation</b>	Shakopee		
<b>Member</b>	New Richmond		
<b>Submember</b>			
<b>Start Depth</b>	1495.00 ft	<b>End Depth</b>	1581.00 ft
<b>Contact Accuracy Penetration</b>			
<b>Primary Lithology</b>	Sandstone	<b>Percent</b>	0
<b>Secondary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System Series</b>	Ordovician		
<b>Group</b>	Prairie Du Chien		
<b>Formation</b>	Oneota		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	1581.00 ft	<b>End Depth</b>	1800.00 ft
<b>Contact Accuracy Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Secondary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	0
<b>Tertiary Lithology</b>	Sandstone	<b>Percent</b>	0
<b>Comments</b>			

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<b>System</b>	Cambrian		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>	Jordan		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	1800.00 ft	<b>End Depth</b>	1880.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Sandstone	<b>Percent</b>	0
<b>Secondary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Cambrian		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>	St. Lawrence		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	1880.00 ft	<b>End Depth</b>	1940.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Secondary Lithology</b>	Sandstone	<b>Percent</b>	0
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

## Water Production Information

<b>Date</b>	09/23/1947	<b>Start Time</b>	
<b>Aquifer</b>	Unknown		
<b>Static Water Level</b>	129.00 ft	<b>Yield</b>	450 gallons per minute
<b>Pumping Water Level</b>	149 ft	<b>Yield Method</b>	Unknown
<b>Measurement</b>	Unknown	<b>Pump Test</b>	Yes
<b>Pump Method</b>	Unknown	<b>Duration</b>	0 mins
<b>Comments</b>			

## Chip Storage Information

<b>Date</b>			
<b>Storage</b>	CB9-6->9; CB10-1	<b>Bin</b>	
<b>Number of Boxes</b>	5	<b>Number of Samples</b>	383
<b>Sample Intervals</b>	0	<b>Sample Gaps</b>	625-685, 1410-1415, 225-230, 325-335
<b>Sample Top</b>	0 ft	<b>Sample Bottom</b>	1940 ft

<b>Washed Top</b>	230 ft	<b>Washed Bottom</b>	1630 ft
<b>Duplicate Storage</b>			
<b>Comments</b>			

<https://www.ihr.uiowa.edu/igs/geosam/well/2910/general-information>