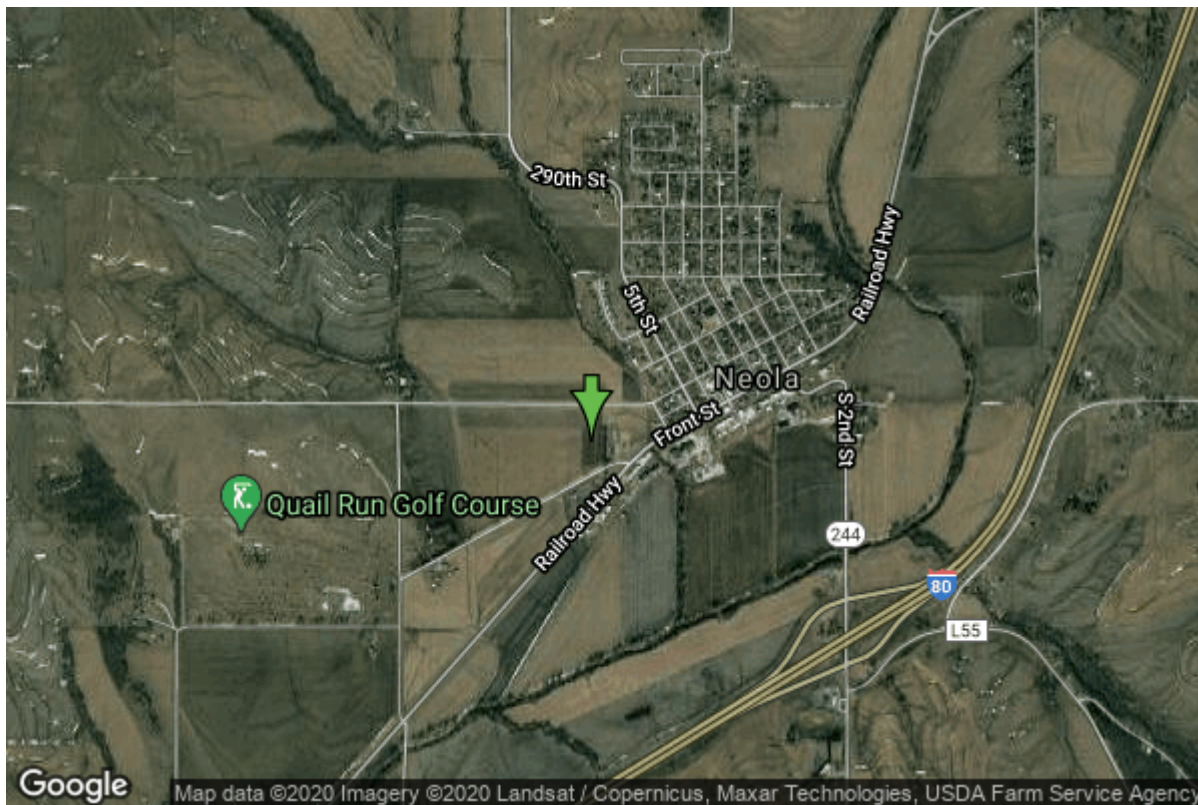


# Well W#18833 Information



<b>Date Received</b>		<b>State</b>	Iowa
<b>Owner Name</b>	Neola, City Of	<b>County</b>	Pottawattamie
<b>Alt Name</b>	#4	<b>Quadrangle</b>	Neola, Iowa
<b>WNumber</b>	18833	<b>Township</b>	T77N
<b>PWTS ID</b>	0	<b>Range</b>	R42W
<b>PWS ID</b>	7853043	<b>Section</b>	25
<b>Storet ID</b>	0	<b>Quarter</b>	NW NE NE
<b>SDWIS ID</b>	0	<b>Latitude</b>	41.4470240000
<b>USGS ID</b>	0	<b>Longitude</b>	-95.6223230000
<b>Project</b>	Unknown	<b>Accuracy</b>	
<b>Operator</b>	Unknown	<b>UTM X</b>	280946
		<b>UTM Y</b>	4591702

<b>Site Type</b>	Drilled hole	<b>Drilling Company</b>	Layne Western - Ne.
<b>Well Status</b>	Unknown	<b>Drilling Date</b>	06/22/1966
<b>Field Located</b>	No	<b>Drilling Method</b>	Rotary
<b>Elevation</b>	1089 ft	<b>Bedrock Depth</b>	73 ft
<b>Elevation Accuracy</b>	Topo Map Accurate to 2 ft	<b>Well Depth</b>	134 ft
<b>Landscape Position</b>	Unknown	<b>Total Depth</b>	134 ft
		<b>Well Types</b>	Municipal
		<b>Aquifers</b>	Dakota/Cretaceous, Quaternary

## Casing Construction Information

Date	06/22/1966	Casing Type	Unknown
Start Depth	0.00 ft	End Depth	92.00 ft
Diameter	10.00 in	Amount	92.00 ft
Comments			

## Screen Construction Information

Date	06/22/1966	Slot Size	0.00
Screen Type	Unknown	End Depth	122.00 ft
Start Depth	92.00 ft	Amount	30 ft
Diameter	10.00 in		
Comments			

## Grout Construction Information

Date	06/22/1966	Grout Placement	Unknown
Grout Type	Unknown	End Depth	15.00 ft
Start Depth	0.00 ft		
Comments			

## Gravel Pack Construction Information

Date	06/22/1966	Slot Size	
Gravel Pack Type	Unknown	End Depth	122.00 ft
Start Depth	15.00 ft		
Comments			

## Pump Construction Information

Date	06/22/1966	Pump Type	Turbine
Diameter	0.00 in	Rating	0
Depth Intake	82.00 ft		
Comments			

## Log Information

Date	10/10/1966		
Log Types	Strip log		
Prepared By	Northup, Richard Cox		
Comments			

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Date	06/22/1966
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**Log Types** Pump Test  
**Prepared By** Layne Western - Ne.  
**Comments** 5 hour test

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**Date** 06/22/1966  
**Log Types** Drillers log  
**Prepared By** Layne Western - Ne.  
**Comments**

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**Date**  
**Log Types** Unknown  
**Prepared By** Unknown  
**Comments**

## Stratigraphy Information

**System** Quaternary  
**Series** Holocene Series  
**Group**  
**Formation** Deforest  
**Member**  
**Submember**  
**Start Depth** 0.00 ft      **End Depth** 35.00 ft  
**Contact Accuracy**  
**Penetration**  
**Primary Lithology** Silt      **Percent** 0  
**Secondary Lithology** Alluvium      **Percent** 0  
**Tertiary Lithology** Unknown      **Percent** 0  
**Comments**

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**System** Quaternary  
**Series** Pleistocene Series  
**Group**  
**Formation**  
**Member**  
**Submember**  
**Start Depth** 35.00 ft      **End Depth** 73.00 ft  
**Contact Accuracy**  
**Penetration**  
**Primary Lithology** Sand And Gravel      **Percent** 100  
**Secondary Lithology** Unknown      **Percent** 0  
**Tertiary Lithology** Unknown      **Percent** 0  
**Comments**

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**System** Cretaceous  
**Series**  
**Group** Fort Benton ("Lower Colorado")  
**Formation** Dakota

<b>Member</b>	Nishnabotna		
<b>Submember</b>			
<b>Start Depth</b>	73.00 ft	<b>End Depth</b>	130.00 ft
<b>Contact Accuracy Penetration</b>			
<b>Primary Lithology</b>	Sandstone	<b>Percent</b>	0
<b>Secondary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	0
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

<b>System</b>	Cretaceous		
<b>Series</b>			
<b>Group</b>	Fort Benton ("Lower Colorado ")		
<b>Formation</b>	Dakota		
<b>Member</b>	Woodbury		
<b>Submember</b>			
<b>Start Depth</b>	130.00 ft	<b>End Depth</b>	134.00 ft
<b>Contact Accuracy 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>			

## Water Production Information

<b>Date</b>	06/22/1966	<b>Start Time</b>	
<b>Aquifer</b>	Unknown		
<b>Static Water Level</b>	11.00 ft	<b>Yield</b>	225 gallons per minute
<b>Pumping Water Level</b>	42 ft	<b>Yield Method</b>	Unknown
<b>Measurement</b>	Unknown	<b>Pump Test</b>	No
<b>Pump Method</b>	Unknown	<b>Duration</b>	0 mins
<b>Comments</b>			

## Chip Storage Information

<b>Date</b>	08/19/1966		
<b>Storage</b>	PL6-665	<b>Bin</b>	
<b>Number of Boxes</b>	1	<b>Number of Samples</b>	27
<b>Sample Intervals</b>	5	<b>Sample Gaps</b>	
<b>Sample Top</b>	0 ft	<b>Sample Bottom</b>	134 ft
<b>Washed Top</b>	0 ft	<b>Washed Bottom</b>	0 ft
<b>Duplicate Storage</b>			
<b>Comments</b>			