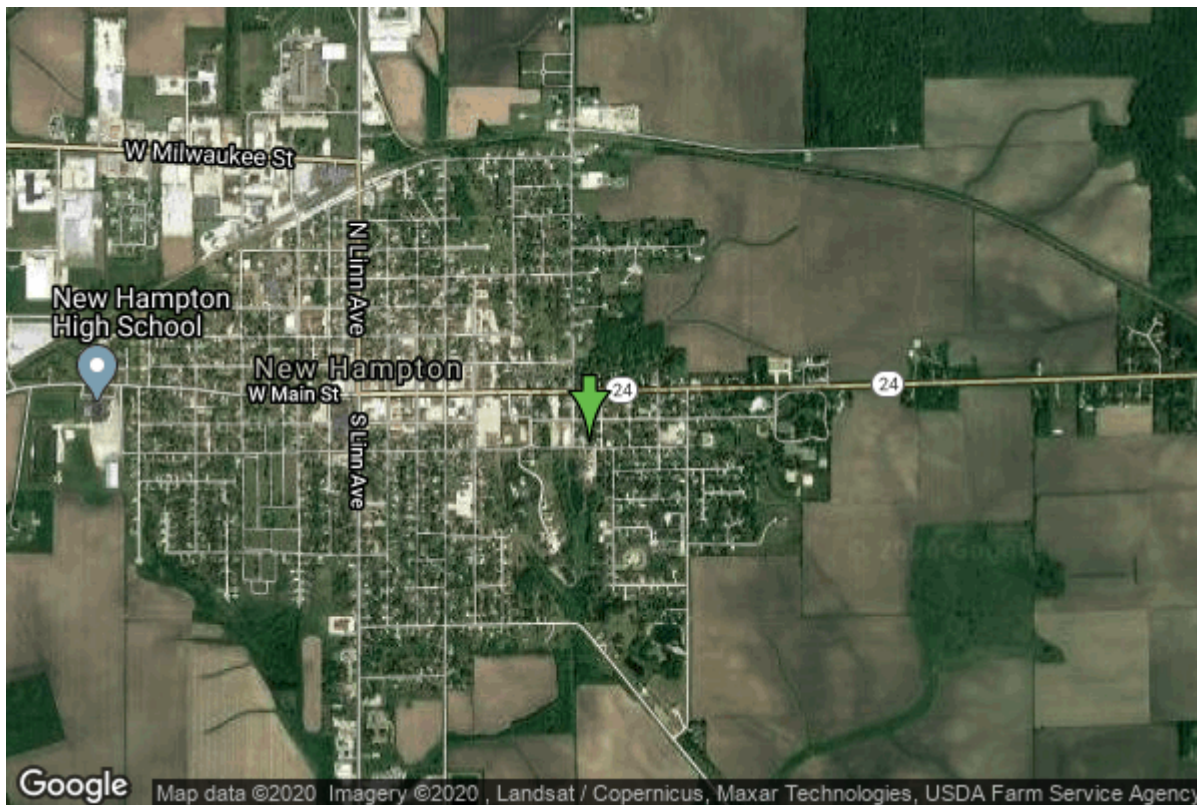


# Well W#3534 Information



<b>Date Received</b>		<b>State</b>	Iowa
<b>Owner Name</b>	New Hampton, City Of	<b>County</b>	Chickasaw
<b>Alt Name</b>	EAST	<b>Quadrangle</b>	New Hampton, Iowa
<b>WNumber</b>	3534	<b>Township</b>	T95N
<b>PWTS ID</b>	0	<b>Range</b>	R12W
<b>PWS ID</b>	1970051	<b>Section</b>	7
<b>Storet ID</b>	0	<b>Quarter</b>	SE NW NW
<b>SDWIS ID</b>	0	<b>Latitude</b>	43.0577980000
<b>USGS ID</b>	0	<b>Longitude</b>	-92.3072180000
<b>Project</b>	Source Water Protection	<b>Accuracy</b>	
<b>Operator</b>	Unknown	<b>UTM X</b>	556415
		<b>UTM Y</b>	4767466
<hr/>			
<b>Site Type</b>	Drilled hole	<b>Drilling Company</b>	Unknown
<b>Well Status</b>	Not Used	<b>Drilling Date</b>	03/08/1949
<b>Field Located</b>	No	<b>Drilling Method</b>	Unknown
<b>Elevation</b>	1140 ft	<b>Bedrock Depth</b>	125 ft
<b>Elevation Accuracy</b>	Digital Elevation Model Accurate to 5 ft	<b>Well Depth</b>	305 ft
<b>Landscape Position</b>	Unknown	<b>Total Depth</b>	305 ft
		<b>Well Types</b>	Municipal
		<b>Aquifers</b>	Devonian, Ordovician (abv St. Peter)

# Casing Construction Information

<b>Date</b>	02/28/1949	<b>Casing Type</b>	Steel
<b>Start Depth</b>	-1.00 ft	<b>End Depth</b>	45.00 ft
<b>Diameter</b>	18.00 in	<b>Amount</b>	46.00 ft
<b>Comments</b>			

---

<b>Date</b>	02/28/1949	<b>Casing Type</b>	Steel
<b>Start Depth</b>	-1.00 ft	<b>End Depth</b>	132.00 ft
<b>Diameter</b>	17.00 in	<b>Amount</b>	133.00 ft
<b>Comments</b>			

---

<b>Date</b>	02/28/1949	<b>Casing Type</b>	Steel
<b>Start Depth</b>	-2.50 ft	<b>End Depth</b>	137.00 ft
<b>Diameter</b>	12.00 in	<b>Amount</b>	139.50 ft
<b>Comments</b>			

# Grout Construction Information

<b>Date</b>	02/28/1949	<b>Grout Type</b>	Cement	<b>Grout Placement</b>	Unknown
<b>Start Depth</b>	0.00 ft	<b>End Depth</b>			137.00 ft
<b>Comments</b>					

# Log Information

<b>Date</b>	
<b>Log Types</b>	Unknown
<b>Prepared By</b>	Unknown
<b>Comments</b>	

---

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

# Stratigraphy Information

<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>	0.00 ft	<b>End Depth</b>	105.00 ft

<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Till	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			
<hr/>			
<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>	105.00 ft	<b>End Depth</b>	125.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Sand And Gravel	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			
<hr/>			
<b>System</b>	Devonian		
<b>Series</b>			
<b>Group</b>	Cedar Valley		
<b>Formation</b>			
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	125.00 ft	<b>End Depth</b>	175.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Limestone	<b>Percent</b>	0
<b>Secondary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	0
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			
<hr/>			
<b>System</b>	Devonian		
<b>Series</b>			
<b>Group</b>	Wapsipinicon		
<b>Formation</b>	Pinicon Ridge		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	175.00 ft	<b>End Depth</b>	205.00 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>			

---

<b>System</b>	Devonian		
<b>Series</b>			
<b>Group</b>	Wapsipinicon		
<b>Formation</b>	Pinicon Ridge		
<b>Member</b>	Kenwood		
<b>Submember</b>			
<b>Start Depth</b>	205.00 ft	<b>End Depth</b>	225.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	0
<b>Secondary Lithology</b>	Shale	<b>Percent</b>	0
<b>Tertiary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	0
<b>Comments</b>			

---

<b>System</b>	Devonian		
<b>Series</b>			
<b>Group</b>	Wapsipinicon		
<b>Formation</b>	Spillville		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	225.00 ft	<b>End Depth</b>	250.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

---

<b>System</b>	Devonian		
<b>Series</b>			
<b>Group</b>	Wapsipinicon		
<b>Formation</b>	Spillville		
<b>Member</b>	Lake Meyer		
<b>Submember</b>			
<b>Start Depth</b>	250.00 ft	<b>End Depth</b>	275.00 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>			

---

<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>	Maquoketa		
<b>Member</b>			
<b>Submember</b>			

<b>Start Depth</b>	275.00 ft	<b>End Depth</b>	305.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Ls/Dol Mixed	<b>Percent</b>	0
<b>Secondary Lithology</b>	Chert/Chalcedony	<b>Percent</b>	0
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

## Water Production Information

<b>Date</b>	03/08/1949	<b>Start Time</b>	
<b>Aquifer</b>	Unknown		
<b>Static Water Level</b>	55.00 ft	<b>Yield</b>	415 gallons per minute
<b>Pumping Water Level</b>	118 ft	<b>Yield Method</b>	Unknown
<b>Measurement</b>	Tape	<b>Pump Test</b>	Yes
<b>Pump Method</b>	Pumped	<b>Duration</b>	135 mins
<b>Comments</b>			

## Chip Storage Information

<b>Date</b>		<b>Bin</b>	
<b>Storage</b>	CE6-1	<b>Number of Samples</b>	62
<b>Number of Boxes</b>	1	<b>Sample Gaps</b>	
<b>Sample Intervals</b>	5	<b>Sample Bottom</b>	305 ft
<b>Sample Top</b>	0 ft	<b>Washed Bottom</b>	135 ft
<b>Washed Top</b>	125 ft		
<b>Duplicate Storage</b>			
<b>Comments</b>			

<https://www.iuhr.uiowa.edu/igs/geosam/well/3534/general-information>