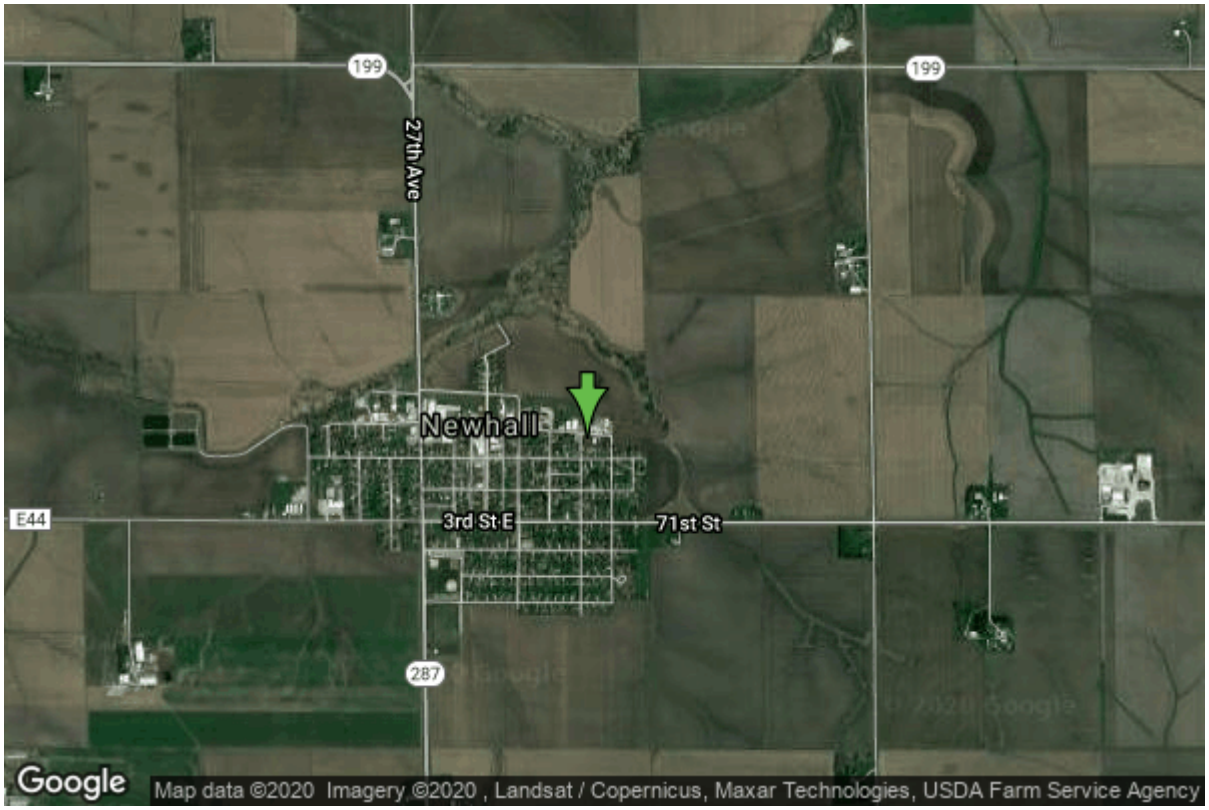
# Well W#8596 Information

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|---|---|---|---|
| **Date Received** | | **State** | Iowa |
| **Owner Name** | Newhall, City Of | **County** | Benton |
| **Alt Name** | #2 | **Quadrangle** | Newhall, Iowa |
| **WNumber** | 8596 | **Township** | T83N |
| **PWTS ID** | 0 | **Range** | R10W |
| **PWS ID** | 653050 | **Section** | 13 |
| **Storet ID** | 0 | **Quarter** | SW SE NE |
| **SDWIS ID** | 2411858 | **Latitude** | 41.9951090000 |
| **USGS ID** | 0 | **Longitude** | -91.9622630000 |
| **Project** | Source Water Protection | **Accuracy** | |
| **Operator** | Unknown | **UTM X** | 585950 |
| | | **UTM Y** | 4649754 |

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|---|---|---|---|
| **Site Type** | Drilled hole | **Drilling Company** | Hoeg & Ames (H.M. White) |
| **Well Status** | Active | | |
| **Field Located** | No | **Drilling Date** | 05/25/1957 |
| **Elevation** | 874 ft | **Drilling Method** | Cable |
| **Elevation Accuracy** | Digital Elevation Model Accurate to 5 ft | **Bedrock Depth** | 0 ft |
| | | **Well Depth** | 478 ft |
| **Landscape Position** | Unknown | **Total Depth** | 478 ft |
| | | **Well Types** | Municipal, Public Supply |
| | | **Aquifers** | Silurian/Devonian |

# Casing Construction Information

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|---|---|---|---|
| **Date** | 05/25/1957 | **Casing Type** | Steel |
| **Start Depth** | 0.00 ft | **End Depth** | 0.00 ft |
| **Diameter** | 12.00 in | **Amount** | 266.00 ft |
| **Comments** | | | |

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|---|---|---|---|
| **Date** | 05/25/1957 | **Casing Type** | Steel |
| **Start Depth** | 258.00 ft | **End Depth** | 322.00 ft |
| **Diameter** | 10.00 in | **Amount** | 64.00 ft |
| **Comments** | | | |

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|---|---|---|---|
| **Date** | 05/25/1957 | **Casing Type** | Steel |
| **Start Depth** | 355.00 ft | **End Depth** | 385.00 ft |
| **Diameter** | 10.00 in | **Amount** | 30.00 ft |
| **Comments** | | | |

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|---|---|---|---|
| **Date** | 05/25/1957 | **Casing Type** | Perforated Steel |
| **Start Depth** | 322.00 ft | **End Depth** | 355.00 ft |
| **Diameter** | 10.00 in | **Amount** | 33.00 ft |
| **Comments** | | | |

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|---|---|---|---|
| **Date** | 05/25/1957 | **Casing Type** | Perforated Steel |
| **Start Depth** | 385.00 ft | **End Depth** | 478.00 ft |
| **Diameter** | 10.00 in | **Amount** | 93.00 ft |
| **Comments** | | | |

# Log Information

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|---|---|
| **Date** | 02/20/1957 |
| **Log Types** | Strip log |
| **Prepared By** | Unknown |
| **Comments** | |

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|---|---|
| **Date** | |
| **Log Types** | Drillers log |
| **Prepared By** | Newhall, City Of |
| **Comments** | |

# Stratigraphy Information

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|---|---|
| **System** | Quaternary |
| **Series** | |
| **Group** | |
| **Formation** | |
| **Member** | |

| | | | |
|---|---|---|---|
| **Submember** | | | |
| **Start Depth** | 0.00 ft | **End Depth** | 5.00 ft |
| **Contact Accuracy** | | | |
| **Penetration** | | | |
| **Primary Lithology** | Soil Or Fill | **Percent** | 100 |
| **Secondary Lithology** | | **Percent** | |
| **Tertiary Lithology** | | **Percent** | |
| **Comments** | | | |

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|---|---|---|---|
| **System** | Quaternary | | |
| **Series** | | | |
| **Group** | | | |
| **Formation** | | | |
| **Member** | | | |
| **Submember** | | | |
| **Start Depth** | 5.00 ft | **End Depth** | 10.00 ft |
| **Contact Accuracy** | | | |
| **Penetration** | | | |
| **Primary Lithology** | Loess | **Percent** | 100 |
| **Secondary Lithology** | | **Percent** | |
| **Tertiary Lithology** | | **Percent** | |
| **Comments** | | | |

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| | | | |
|---|---|---|---|
| **System** | Quaternary | | |
| **Series** | Pleistocene Series | | |
| **Group** | | | |
| **Formation** | | | |
| **Member** | | | |
| **Submember** | | | |
| **Start Depth** | 10.00 ft | **End Depth** | 165.00 ft |
| **Contact Accuracy** | | | |
| **Penetration** | | | |
| **Primary Lithology** | Till | **Percent** | 100 |
| **Secondary Lithology** | | **Percent** | |
| **Tertiary Lithology** | | **Percent** | |
| **Comments** | | | |

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|---|---|---|---|
| **System** | Devonian | | |
| **Series** | | | |
| **Group** | Cedar Valley | | |
| **Formation** | Little Cedar | | |
| **Member** | Solon | | |
| **Submember** | | | |
| **Start Depth** | 165.00 ft | **End Depth** | 240.00 ft |
| **Contact Accuracy** | | | |
| **Penetration** | | | |
| **Primary Lithology** | Limestone | **Percent** | 0 |
| **Secondary Lithology** | Chert/Chalcedony | **Percent** | 0 |
| **Tertiary Lithology** | | **Percent** | |

**Comments**

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|---|---|---|---|
| **System** | Devonian | | |
| **Series** | | | |
| **Group** | Wapsipinicon | | |
| **Formation** | Pinicon Ridge | | |
| **Member** | Davenport | | |
| **Submember** | | | |
| **Start Depth** | 240.00 ft | **End Depth** | 260.00 ft |
| **Contact Accuracy** | | | |
| **Penetration** | | | |
| **Primary Lithology** | Limestone | **Percent** | 100 |
| **Secondary Lithology** | | **Percent** | |
| **Tertiary Lithology** | | **Percent** | |
| **Comments** | | | |

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| | | | |
|---|---|---|---|
| **System** | Devonian | | |
| **Series** | | | |
| **Group** | Wapsipinicon | | |
| **Formation** | Pinicon Ridge | | |
| **Member** | Spring Grove | | |
| **Submember** | | | |
| **Start Depth** | 260.00 ft | **End Depth** | 295.00 ft |
| **Contact Accuracy** | | | |
| **Penetration** | | | |
| **Primary Lithology** | Dolomite | **Percent** | 0 |
| **Secondary Lithology** | Limestone | **Percent** | 0 |
| **Tertiary Lithology** | | **Percent** | |
| **Comments** | | | |

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| | | | |
|---|---|---|---|
| **System** | Devonian | | |
| **Series** | | | |
| **Group** | Wapsipinicon | | |
| **Formation** | Pinicon Ridge | | |
| **Member** | Kenwood | | |
| **Submember** | | | |
| **Start Depth** | 295.00 ft | **End Depth** | 312.00 ft |
| **Contact Accuracy** | | | |
| **Penetration** | | | |
| **Primary Lithology** | Dolomite | **Percent** | 0 |
| **Secondary Lithology** | Shale | **Percent** | 0 |
| **Tertiary Lithology** | Chert/Chalcedony | **Percent** | 0 |
| **Comments** | | | |

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|---|---|---|---|
| **System** | Devonian | | |
| **Series** | | | |
| **Group** | Wapsipinicon | | |
| **Formation** | Otis | | |
| **Member** | | | |

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|---|---|---|---|
| **Submember** | | | |
| **Start Depth** | 312.00 ft | **End Depth** | 325.00 ft |
| **Contact Accuracy** | | | |
| **Penetration** | | | |
| **Primary Lithology** | Limestone | **Percent** | 100 |
| **Secondary Lithology** | | **Percent** | |
| **Tertiary Lithology** | | **Percent** | |
| **Comments** | | | |

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| | | | |
|---|---|---|---|
| **System** | Devonian | | |
| **Series** | | | |
| **Group** | Wapsipinicon | | |
| **Formation** | Otis | | |
| **Member** | | | |
| **Submember** | | | |
| **Start Depth** | 325.00 ft | **End Depth** | 345.00 ft |
| **Contact Accuracy** | | | |
| **Penetration** | | | |
| **Primary Lithology** | Dolomite | **Percent** | 100 |
| **Secondary Lithology** | | **Percent** | |
| **Tertiary Lithology** | | **Percent** | |
| **Comments** | | | |

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| | | | |
|---|---|---|---|
| **System** | Silurian | | |
| **Series** | | | |
| **Group** | | | |
| **Formation** | | | |
| **Member** | | | |
| **Submember** | | | |
| **Start Depth** | 345.00 ft | **End Depth** | 478.00 ft |
| **Contact Accuracy** | | | |
| **Penetration** | | | |
| **Primary Lithology** | Dolomite | **Percent** | 0 |
| **Secondary Lithology** | Chert/Chalcedony | **Percent** | 0 |
| **Tertiary Lithology** | | **Percent** | |
| **Comments** | | | |

# Water Production Information

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|---|---|---|---|
| **Date** | 05/25/1957 | **Start Time** | |
| **Aquifer** | Unknown | | |
| **Static Water Level** | 130.00 ft | **Yield** | 125 gallons per minute |
| **Pumping Water Level** | 188 ft | **Yield Method** | Unknown |
| **Measurement** | Unknown | **Pump Test** | No |
| **Pump Method** | Unknown | **Duration** | 0 mins |
| **Comments** | | | |

# Chip Storage Information

| | | | |
|---|---|---|---|
| **Date** | 08/07/1957 | | |
| **Storage** | EK9-13 | **Bin** | |
| **Number of Boxes** | 1 | **Number of Samples** | 93 |
| **Sample Intervals** | 5 | **Sample Gaps** | 90-95,315-320 |
| **Sample Top** | 0 ft | **Sample Bottom** | 478 ft |
| **Washed Top** | 155 ft | **Washed Bottom** | 478 ft |
| **Duplicate Storage** | | | |
| **Comments** | | | |

https://www.iihr.uiowa.edu/igs/geosam/well/8596/general-information