

# Well W#30489 Information



|                      |                         |                   |                |
|----------------------|-------------------------|-------------------|----------------|
| <b>Date Received</b> | 12/24/1936              | <b>State</b>      | Iowa           |
| <b>Owner Name</b>    | Dike, City Of           | <b>County</b>     | Grundy         |
| <b>Alt Name</b>      |                         | <b>Quadrangle</b> | Dike, Iowa     |
| <b>WNumber</b>       | 30489                   | <b>Township</b>   | T88N           |
| <b>PWTS ID</b>       | 0                       | <b>Range</b>      | R15W           |
| <b>PWS ID</b>        | 3815042                 | <b>Section</b>    | 5              |
| <b>Storet ID</b>     | 0                       | <b>Quarter</b>    | NW NW NW       |
| <b>SDWIS ID</b>      | 2413040                 | <b>Latitude</b>   | 42.4685300000  |
| <b>USGS ID</b>       | 0                       | <b>Longitude</b>  | -92.6299000000 |
| <b>Project</b>       | Source Water Protection | <b>Accuracy</b>   |                |
| <b>Operator</b>      | Unknown                 | <b>UTM X</b>      | 530425         |
|                      |                         | <b>UTM Y</b>      | 4701865        |

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|---------------------------|---|-------------------------|--------------------------|
| <b>Site Type</b>          | Drilled hole                                | <b>Drilling Company</b> | Hoeg & Ames (H.M. White) |
| <b>Well Status</b>        | Active                                      | <b>Drilling Date</b>    | 01/01/1935               |
| <b>Field Located</b>      | No  | <b>Drilling Method</b>  | Unknown                  |
| <b>Elevation</b>          | 952 ft                                      | <b>Bedrock Depth</b>    | 135 ft                   |
| <b>Elevation Accuracy</b> | Digital Elevation Model<br>Accurate to 5 ft | <b>Well Depth</b>       | 292 ft                   |
| <b>Landscape Position</b> | Valley                                      | <b>Total Depth</b>      | 292 ft                   |
|                           |   | <b>Well Types</b>       | Municipal, Public Supply |
|                           |   | <b>Aquifers</b>         | Devonian                 |

# Casing Construction Information

|                    |            |                    |           |
|--------------------|------------|--------------------|-----------|
| <b>Date</b>        | 01/01/1935 | <b>Casing Type</b> | Steel     |
| <b>Start Depth</b> | 0.00 ft    | <b>End Depth</b>   | 0.00 ft   |
| <b>Diameter</b>    | 8.00 in    | <b>Amount</b>      | 160.00 ft |
| <b>Comments</b>    |            |                    |           |

# Pump Construction Information

|                     |            |                  |         |
|---------------------|------------|------------------|---------|
| <b>Date</b>         | 01/01/1935 | <b>Pump Type</b> | Unknown |
| <b>Diameter</b>     | 0.00 in    | <b>Rating</b>    | 0       |
| <b>Depth Intake</b> | 90.00 ft   |                  |         |
| <b>Comments</b>     |            |                  |         |

# Log Information

|                    |            |
|--------------------|------------|
| <b>Date</b>        | 12/14/1943 |
| <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>               |                    |                  |           |
| <b>Formation</b>           |                    |                  |           |
| <b>Member</b>              |                    |                  |           |
| <b>Submember</b>           |                    |                  |           |
| <b>Start Depth</b>         | 0.00 ft            | <b>End Depth</b> | 135.00 ft |
| <b>Contact Accuracy</b>    |                    |                  |           |
| <b>Penetration</b>         |                    |                  |           |
| <b>Primary Lithology</b>   | Clay               | <b>Percent</b>   | 0         |
| <b>Secondary Lithology</b> | Sand And Gravel    | <b>Percent</b>   | 0         |
| <b>Tertiary Lithology</b>  | Sand               | <b>Percent</b>   | 0         |
| <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>      | 135.00 ft | <b>End Depth</b> | 292.00 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>            |           |                |     |

## Water Production Information

|                            |            |                     |                        |
|----------------------------|------------|---------------------|------------------------|
| <b>Date</b>                | 01/01/1935 | <b>Start Time</b>   |                        |
| <b>Aquifer</b>             | Unknown    |                     |                        |
| <b>Static Water Level</b>  | 77.00 ft   | <b>Yield</b>        | 105 gallons per minute |
| <b>Pumping Water Level</b> | 0 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>            |            |                     |                        |

<https://www.iihr.uiowa.edu/igs/geosam/well/30489/general-information>