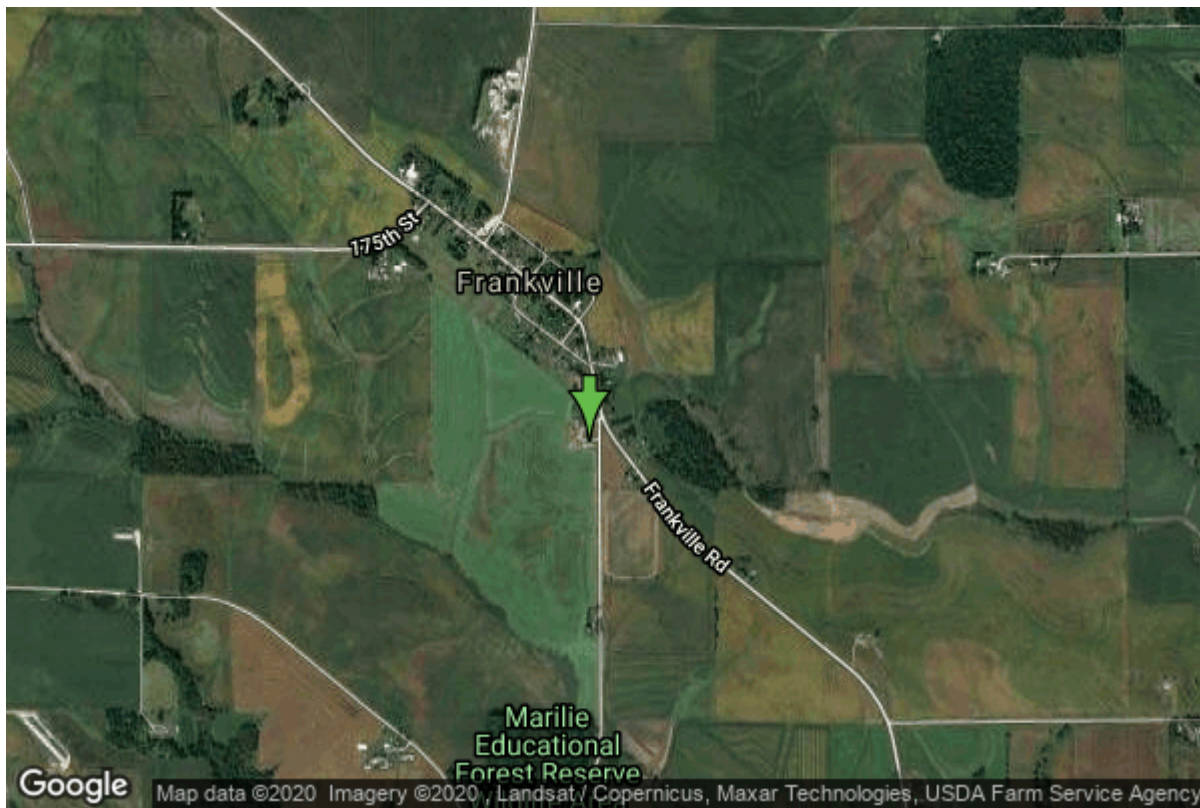


# Well W#80401 Information



|                      |                     |                   |                  |
|----------------------|---------------------|-------------------|------------------|
| <b>Date Received</b> | 08/20/2015          | <b>State</b>      | Iowa             |
| <b>Owner Name</b>    | Frankville, City of | <b>County</b>     | Winneshiek       |
| <b>Alt Name</b>      | Well #1             | <b>Quadrangle</b> | Frankville, Iowa |
| <b>WNumber</b>       | 80401               | <b>Township</b>   | T97N             |
| <b>PWTS ID</b>       | 0                   | <b>Range</b>      | R7W              |
| <b>PWS ID</b>        | 0                   | <b>Section</b>    | 25               |
| <b>Storet ID</b>     | 0                   | <b>Quarter</b>    | SE SW SW         |
| <b>SDWIS ID</b>      | 0                   | <b>Latitude</b>   | 43.1841800000    |
| <b>USGS ID</b>       | 0                   | <b>Longitude</b>  | -91.6140600000   |
| <b>Project</b>       |                     | <b>Accuracy</b>   |                  |
| <b>Operator</b>      |                     | <b>UTM X</b>      | 612628           |
|                      |                     | <b>UTM Y</b>      | 4782200          |

|                           |  |                         |                  |
|---------------------------|--|-------------------------|------------------|
| <b>Site Type</b>          | Drilled hole                                 | <b>Drilling Company</b> | Shawver Well Co. |
| <b>Well Status</b>        | Active                                       | <b>Drilling Date</b>    | 07/31/2015       |
| <b>Field Located</b>      | No   | <b>Drilling Method</b>  | Unknown          |
| <b>Elevation</b>          | 1212 ft                                      | <b>Bedrock Depth</b>    | 24 ft            |
| <b>Elevation Accuracy</b> | Digital Elevation Model<br>Accurate to 10 ft | <b>Well Depth</b>       | 872 ft           |
| <b>Landscape Position</b> |  | <b>Total Depth</b>      | 872 ft           |
|                           |  | <b>Well Types</b>       | Unknown          |
|                           |  | <b>Aquifers</b>         |                  |

## Hole Construction Information

|                 |            |              |           |
|-----------------|------------|--------------|-----------|
| <b>Date</b>     | 07/31/2015 | <b>Depth</b> | 872.00 ft |
| <b>Diameter</b> | 7.88 in    |              |           |

## Comments

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|          |            |       |           |
|----------|------------|-------|-----------|
| Date     | 07/31/2015 | Depth | 542.00 ft |
| Diameter | 12.00 in   |       |           |
| Comments |            |       |           |

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|          |            |       |          |
|----------|------------|-------|----------|
| Date     | 07/31/2015 | Depth | 29.00 ft |
| Diameter | 17.00 in   |       |          |
| Comments |            |       |          |

## Casing Construction Information

|             |            |             |           |
|-------------|------------|-------------|-----------|
| Date        | 07/31/2015 | Casing Type | Steel     |
| Start Depth | -2.00 ft   | End Depth   | 542.00 ft |
| Diameter    | 8.00 in    | Amount      | 544.00 ft |
| Comments    |            |             |           |

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|             |            |             |          |
|-------------|------------|-------------|----------|
| Date        | 07/31/2015 | Casing Type | Steel    |
| Start Depth | -1.00 ft   | End Depth   | 29.00 ft |
| Diameter    | 13.00 in   | Amount      | 30.00 ft |
| Comments    |            |             |          |

## Grout Construction Information

|             |             |                 |         |
|-------------|-------------|-----------------|---------|
| Date        | 07/31/2015  | Grout Placement | Unknown |
| Grout Type  | Neat Cement | End Depth       | 0.00 ft |
| Start Depth | 0.00 ft     |                 |         |
| Comments    |             |                 |         |

## Log Information

|             |                            |  |  |
|-------------|----------------------------|--|--|
| Date        | 07/31/2015                 |  |  |
| Log Types   | Drillers log               |  |  |
| Prepared By | Shawver Well Company, Inc. |  |  |
| Comments    |                            |  |  |

## Water Production Information

|                     |  |              |                       |
|---------------------|--|--------------|-----------------------|
| Date                | 07/31/2015                                   | Start Time   |                       |
| Aquifer             |  | Yield        | 65 gallons per minute |
| Static Water Level  | 360.00 ft                                    | Yield Method |                       |
| Pumping Water Level | 425 ft                                       | Pump Test    | No                    |
| Measurement         |  | Duration     | 0 mins                |
| Pump Method         |  |              |                       |
| Comments            | 160 gpm yield estimated to bring PWL to 520' |              |                       |

# Chip Storage Information

|                          |             |                          |        |
|--------------------------|-------------|--------------------------|--------|
| <b>Date</b>              | 08/24/2017  | <b>Bin</b>               |        |
| <b>Storage</b>           | OD7-651>653 | <b>Number of Samples</b> | 175    |
| <b>Number of Boxes</b>   | 3           | <b>Sample Gaps</b>       |        |
| <b>Sample Intervals</b>  | 5           | <b>Sample Bottom</b>     | 872 ft |
| <b>Sample Top</b>        | 0 ft        | <b>Washed Bottom</b>     | 872 ft |
| <b>Washed Top</b>        | 25 ft       |                          |        |
| <b>Duplicate Storage</b> |             |                          |        |
| <b>Comments</b>          |             |                          |        |

<https://www.iihr.uiowa.edu/igs/geosam/well/80401/general-information>