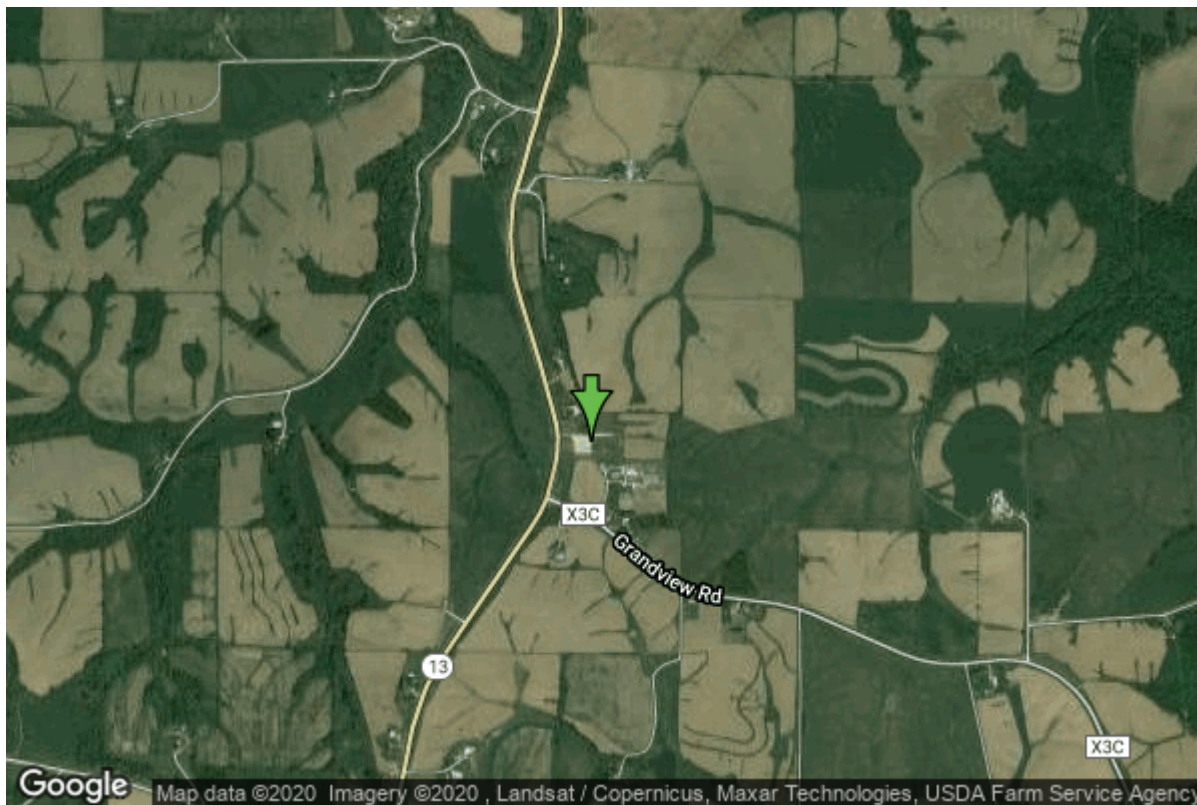


# Well W#64812 Information



|                      |                               |                   |                |
|----------------------|-------------------------------|-------------------|----------------|
| <b>Date Received</b> | 05/15/2008                    | <b>State</b>      | Iowa           |
| <b>Owner Name</b>    | Grace Evangelical Free Church | <b>County</b>     | Clayton        |
| <b>Alt Name</b>      | WELL #1                       | <b>Quadrangle</b> | Elkader, Iowa  |
| <b>WNumber</b>       | 64812                         | <b>Township</b>   | T93N           |
| <b>PWTS ID</b>       | 0                             | <b>Range</b>      | R5W            |
| <b>PWS ID</b>        | 2223801                       | <b>Section</b>    | 35             |
| <b>Storet ID</b>     | 0                             | <b>Quarter</b>    | SW SW NW       |
| <b>SDWIS ID</b>      | 2586706                       | <b>Latitude</b>   | 42.8220480000  |
| <b>USGS ID</b>       | 0                             | <b>Longitude</b>  | -91.4059750000 |
| <b>Project</b>       | Source Water Protection       | <b>Accuracy</b>   |                |
| <b>Operator</b>      | Unknown                       | <b>UTM X</b>      | 630302         |
|                      |                               | <b>UTM Y</b>      | 4742286        |

|                           |   |                         |                            |
|---------------------------|---|-------------------------|----------------------------|
| <b>Site Type</b>          | Drilled hole                                | <b>Drilling Company</b> | B & B Drilling             |
| <b>Well Status</b>        | Active                                      | <b>Drilling Date</b>    | 02/08/2008                 |
| <b>Field Located</b>      | No  | <b>Drilling Method</b>  | Rotary                     |
| <b>Elevation</b>          | 999 ft                                      | <b>Bedrock Depth</b>    | 74 ft                      |
| <b>Elevation Accuracy</b> | Digital Elevation Model<br>Accurate to 5 ft | <b>Well Depth</b>       | 471 ft                     |
| <b>Landscape Position</b> | Upland                                      | <b>Total Depth</b>      | 471 ft                     |
|                           |   | <b>Well Types</b>       | Public Supply              |
|                           |   | <b>Aquifers</b>         | Ordovician (abv St. Peter) |

# Hole Construction Information

|                 |            |              |          |
|-----------------|------------|--------------|----------|
| <b>Date</b>     | 02/08/2008 | <b>Depth</b> | 74.00 ft |
| <b>Diameter</b> | 12.25 in   |              |          |

## Comments

---

|          |            |       |           |
|----------|------------|-------|-----------|
| Date     | 02/08/2008 | Depth | 433.00 ft |
| Diameter | 10.00 in   |       |           |
| Comments |            |       |           |

---

|          |            |       |           |
|----------|------------|-------|-----------|
| Date     | 02/08/2008 | Depth | 471.00 ft |
| Diameter | 6.25 in    |       |           |
| Comments |            |       |           |

## Casing Construction Information

|             |            |             |           |
|-------------|------------|-------------|-----------|
| Date        | 02/08/2008 | Casing Type | Unknown   |
| Start Depth | -2.00 ft   | End Depth   | 433.00 ft |
| Diameter    | 7.00 in    | Amount      | 435.00 ft |
| Comments    |            |             |           |

## Grout Construction Information

|             |            |                 |           |
|-------------|------------|-----------------|-----------|
| Date        | 02/08/2008 | Grout Placement | Tremie    |
| Grout Type  | Cement     | End Depth       | 433.00 ft |
| Start Depth | 0.00 ft    |                 |           |
| Comments    |            |                 |           |

## Log Information

|             |              |
|-------------|--------------|
| Date        |              |
| Log Types   | Drillers log |
| Prepared By | Unknown      |
| Comments    |              |

## Water Production Information

|                     |            |              |                       |
|---------------------|------------|--------------|-----------------------|
| Date                | 02/08/2008 | Start Time   | 10:30                 |
| Aquifer             | Bedrock    | Yield        | 15 gallons per minute |
| Static Water Level  | 256.00 ft  | Yield Method | Estimate              |
| Pumping Water Level | 360 ft     | Pump Test    | Yes                   |
| Measurement         | Estimate   | Duration     | 1 mins                |
| Pump Method         | Airlifted  |              |                       |
| Comments            |            |              |                       |

# Chip Storage Information

|                          |             |                          |        |
|--------------------------|-------------|--------------------------|--------|
| <b>Date</b>              | 01/10/2010  | <b>Bin</b>               |        |
| <b>Storage</b>           | OD5-935>936 | <b>Number of Samples</b> | 93     |
| <b>Number of Boxes</b>   | 2           | <b>Sample Gaps</b>       |        |
| <b>Sample Intervals</b>  | 5           | <b>Sample Bottom</b>     | 471 ft |
| <b>Sample Top</b>        | 0 ft        | <b>Washed Bottom</b>     | 471 ft |
| <b>Washed Top</b>        | 75 ft       |                          |        |
| <b>Duplicate Storage</b> |             |                          |        |
| <b>Comments</b>          |             |                          |        |

<https://www.iihr.uiowa.edu/igs/geosam/well/64812/general-information>