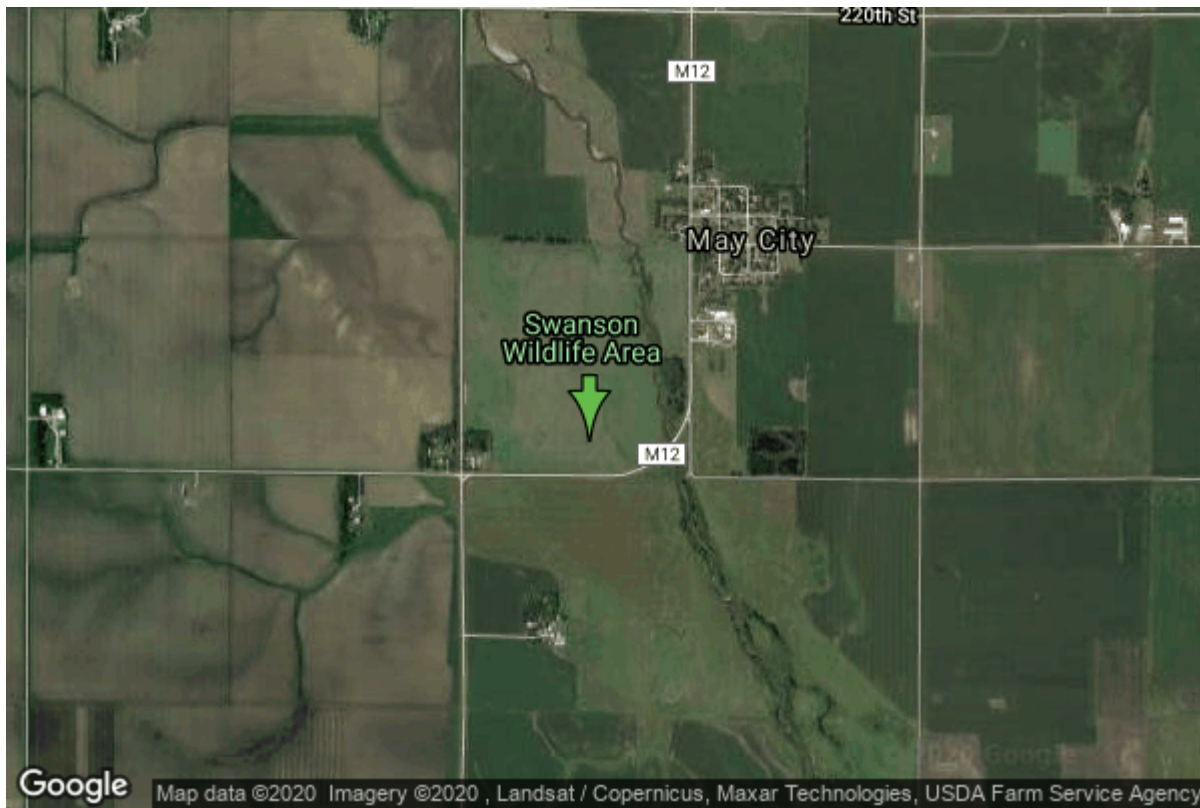


Well W#83488 Information



| | | | |
|----------------------|--------------------|-------------------|----------------|
| Date Received | 10/19/2016 | State | Iowa |
| Owner Name | Osceola County RWS | County | Osceola |
| Alt Name | DT13/#D7 | Quadrangle | May City, Iowa |
| WNumber | 83488 | Township | T98N |
| PWTS ID | 0 | Range | R39W |
| PWS ID | 0 | Section | 8 |
| Storet ID | 0 | Quarter | SW SE SW |
| SDWIS ID | 0 | Latitude | 43.3145000000 |
| USGS ID | 0 | Longitude | -95.4806670000 |
| Project | | Accuracy | |
| Operator | | UTM X | 298835 |
| | | UTM Y | 4798729 |

| | | | |
|---------------------------|---------------------------|-------------------------|------------------|
| Site Type | Drilled hole | Drilling Company | Sargent Drilling |
| Well Status | Unknown | Drilling Date | 09/13/2016 |
| Field Located | No | Drilling Method | Rotary |
| Elevation | 1422 ft | Bedrock Depth | 0 ft |
| Elevation Accuracy | Topo Map Accurate to 2 ft | Well Depth | 47 ft |
| Landscape Position | Unknown | Total Depth | 60 ft |
| | | Well Types | Public Supply |
| | | Aquifers | |

Hole Construction Information

| | | | |
|-----------------|------------|--------------|----------|
| Date | 09/13/2016 | Depth | 47.00 ft |
| Diameter | 26.00 in | | |

Comments

Casing Construction Information

| | | | |
|-------------|------------|-------------|----------|
| Date | 09/13/2016 | Casing Type | Steel |
| Start Depth | 0.00 ft | End Depth | 33.00 ft |
| Diameter | 12.00 in | Amount | 33.00 ft |
| Comments | | | |

Screen Construction Information

| | | | |
|-------------|------------|-----------|----------|
| Date | 09/13/2016 | Slot Size | 0.10 |
| Screen Type | Steel | End Depth | 47.00 ft |
| Start Depth | 33.00 ft | Amount | 14 ft |
| Diameter | 12.00 in | | |
| Comments | | | |

Grout Construction Information

| | | | |
|-------------|-------------|-----------------|----------|
| Date | 09/13/2016 | Grout Placement | Unknown |
| Grout Type | Neat Cement | End Depth | 25.00 ft |
| Start Depth | 0.00 ft | | |
| Comments | | | |

| | | | |
|-------------|------------------|-----------------|----------|
| Date | 09/13/2016 | Grout Placement | Unknown |
| Grout Type | Bentonite (Clay) | End Depth | 30.00 ft |
| Start Depth | 25.00 ft | | |
| Comments | | | |

Gravel Pack Construction Information

| | | | |
|------------------|------------|-----------|----------|
| Date | 09/13/2016 | Slot Size | |
| Gravel Pack Type | Gravel | End Depth | 47.00 ft |
| Start Depth | 30.00 ft | | |
| Comments | | | |

Log Information

| | | | |
|-------------|------------------|--|--|
| Date | 09/13/2016 | | |
| Log Types | Drillers log | | |
| Prepared By | Sargent Drilling | | |
| Comments | | | |

Formation Information

| | | | |
|------------------------|---------------|----------------------------|-----------------|
| Formation Color | Brown | Formation Lithology | soil or fill |
| Start Depth | 0.00 ft | End Depth | 5.00 ft |
| Comments | w/ clay | | |
| <hr/> | | | |
| Formation Color | Tan | Formation Lithology | sand and gravel |
| Start Depth | 5.00 ft | End Depth | 20.00 ft |
| Comments | | | |
| <hr/> | | | |
| Formation Color | Tan | Formation Lithology | sand and gravel |
| Start Depth | 20.00 ft | End Depth | 40.00 ft |
| Comments | w/ clay strip | | |
| <hr/> | | | |
| Formation Color | Tan | Formation Lithology | sand and gravel |
| Start Depth | 40.00 ft | End Depth | 48.00 ft |
| Comments | | | |
| <hr/> | | | |
| Formation Color | Gray | Formation Lithology | clay |
| Start Depth | 48.00 ft | End Depth | 60.00 ft |
| Comments | | | |

Chip Storage Information

| | | | |
|--------------------------|------------|--------------------------|-------|
| Date | 11/09/2016 | Bin | |
| Storage | OD7-404 | Number of Samples | 10 |
| Number of Boxes | 1 | Sample Gaps | 47-60 |
| Sample Intervals | 5 | Sample Bottom | 47 ft |
| Sample Top | 0 ft | Washed Bottom | 0 ft |
| Washed Top | 0 ft | | |
| Duplicate Storage | | | |
| Comments | | | |

<https://www.iihr.uiowa.edu/igs/geosam/well/83488/general-information>