

Well W#4488 Information



| | | | |
|---------------------------|---|-------------------------|-----------------------------|
| Date Received | | State | Iowa |
| Owner Name | Marquette, City Of | County | Clayton |
| Alt Name | #2 | Quadrangle | Prairie Du Chien, Iowa-Wis. |
| WNumber | 4488 | Township | TON |
| PWTS ID | 0 | Range | ROW |
| PWS ID | 2256041 | Section | 0 |
| Storet ID | 0 | Quarter | |
| SDWIS ID | 2407285 | Latitude | 43.0452200000 |
| USGS ID | 0 | Longitude | -91.1779900000 |
| Project | Source Water Protection | Accuracy | |
| Operator | Unknown | UTM X | 648402 |
| | | UTM Y | 4767447 |
| <hr/> | | | |
| Site Type | Drilled hole | Drilling Company | Varner Well Co. |
| Well Status | Not Used | Drilling Date | 12/02/1950 |
| Field Located | No | Drilling Method | Cable |
| Elevation | 634 ft | Bedrock Depth | 0 ft |
| Elevation Accuracy | Digital Elevation Model Accurate to 5 ft | Well Depth | 442 ft |
| Landscape Position | Level Surface | Total Depth | 442 ft |
| | | Well Types | Municipal, Public Supply |
| | | Aquifers | Cambrian-Ordovician |

Casing Construction Information

| | | | |
|--------------------|------------|--------------------|-----------|
| Date | 12/02/1950 | Casing Type | Steel |
| Start Depth | 0.00 ft | End Depth | 103.00 ft |
| Diameter | 12.00 in | Amount | 103.00 ft |
| Comments | | | |

| | | | |
|--------------------|------------|--------------------|-----------|
| Date | 12/02/1950 | Casing Type | Steel |
| Start Depth | 0.00 ft | End Depth | 150.00 ft |
| Diameter | 8.00 in | Amount | 150.00 ft |
| Comments | | | |

Grout Construction Information

| | | | | | |
|--------------------|------------|-------------------|--------|------------------------|-----------|
| Date | 12/02/1950 | Grout Type | Cement | Grout Placement | Unknown |
| Start Depth | 0.00 ft | End Depth | | | 150.00 ft |
| Comments | | | | | |

Pump Construction Information

| | | | |
|---------------------|------------|------------------|---------|
| Date | 12/02/1950 | Pump Type | Turbine |
| Diameter | 0.00 in | Rating | 0 |
| Depth Intake | 50.00 ft | | |
| Comments | | | |

Log Information

| | |
|--------------------|------------|
| Date | 02/20/1951 |
| Log Types | Strip log |
| Prepared By | Unknown |
| Comments | |

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

Stratigraphy Information

| | |
|------------------|--------------|
| System | Cambrian |
| Series | |
| Group | |
| Formation | St. Lawrence |

| | | | |
|----------------------------|------------------|------------------|-----------|
| Member | | | |
| Submember | | | |
| Start Depth | 0.00 ft | End Depth | 170.00 ft |
| Contact Accuracy | | | |
| Penetration | | | |
| Primary Lithology | Dolomite | Percent | 0 |
| Secondary Lithology | Sandstone | Percent | 0 |
| Tertiary Lithology | Chert/Chalcedony | Percent | 0 |
| Comments | | | |

| | | | |
|----------------------------|-------------|------------------|-----------|
| System | Cambrian | | |
| Series | | | |
| Group | Tunnel City | | |
| Formation | Lone Rock | | |
| Member | | | |
| Submember | | | |
| Start Depth | 170.00 ft | End Depth | 280.00 ft |
| Contact Accuracy | | | |
| Penetration | | | |
| Primary Lithology | Siltstone | Percent | 0 |
| Secondary Lithology | Sandstone | Percent | 0 |
| Tertiary Lithology | Dolomite | Percent | 0 |
| Comments | | | |

| | | | |
|----------------------------|-------------|------------------|-----------|
| System | Cambrian | | |
| Series | | | |
| Group | Tunnel City | | |
| Formation | Wonewoc | | |
| Member | Ironton | | |
| Submember | | | |
| Start Depth | 280.00 ft | End Depth | 325.00 ft |
| Contact Accuracy | | | |
| Penetration | | | |
| Primary Lithology | Sandstone | Percent | 0 |
| Secondary Lithology | Dolomite | Percent | 0 |
| Tertiary Lithology | | Percent | |
| Comments | | | |

| | | | |
|----------------------------|-------------|------------------|-----------|
| System | Cambrian | | |
| Series | | | |
| Group | Tunnel City | | |
| Formation | Wonewoc | | |
| Member | Galesville | | |
| Submember | | | |
| Start Depth | 325.00 ft | End Depth | 410.00 ft |
| Contact Accuracy | | | |
| Penetration | | | |
| Primary Lithology | Sandstone | Percent | 0 |
| Secondary Lithology | Dolomite | Percent | 0 |

| Tertiary Lithology | | Percent | |
|----------------------------|-------------|------------------|-----------|
| Comments | | | |
| System | Cambrian | | |
| Series | | | |
| Group | Tunnel City | | |
| Formation | Eau Claire | | |
| Member | | | |
| Submember | | | |
| Start Depth | 410.00 ft | End Depth | 442.00 ft |
| Contact Accuracy | | | |
| Penetration | | | |
| Primary Lithology | Siltstone | Percent | 0 |
| Secondary Lithology | Sandstone | Percent | 0 |
| Tertiary Lithology | Shale | Percent | 0 |
| Comments | | | |

Water Production Information

| | | | |
|----------------------------|------------|---------------------|------------------------|
| Date | 12/02/1950 | Start Time | |
| Aquifer | Unknown | | |
| Static Water Level | -1.00 ft | Yield | 110 gallons per minute |
| Pumping Water Level | 11 ft | Yield Method | Unknown |
| Measurement | Unknown | Pump Test | Yes |
| Pump Method | Unknown | Duration | 0 mins |
| Comments | | | |

Chip Storage Information

| | | | |
|--------------------------|-------|--------------------------|--------|
| Date | | Bin | |
| Storage | CJ1-2 | Number of Samples | 0 |
| Number of Boxes | 1 | Sample Gaps | |
| Sample Intervals | 0 | Sample Bottom | 442 ft |
| Sample Top | 0 ft | Washed Bottom | 0 ft |
| Washed Top | 0 ft | | |
| Duplicate Storage | | | |
| Comments | | | |

<https://www.iuhr.uiowa.edu/igs/geosam/well/4488/general-information>