# Well Construction Report
## *WISCONSIN UNIQUE WELL NUMBER* UL445

**Drinking Water and Groundwater - DG/5**
**Department of Natural Resources, Box 7921**
**Madison WI 53707**
Form 3300-077A

| | |
|---|---|
| Property Owner: WILLIAM LUEDTKE | Phone #: (920)758-9536 |
| Mailing Address: 8535 MIDDLE RD | |
| City: MANITOWOC | State: WI — Zip Code: 54220 |
| County: Manitowoc | Co. Permit #: |
| Notification #: 28270989 | Completed: 01-10-2008 |
| Well Constructor (Business Name): WELLS BY WELCH - ROTARY DIVISION | Lic. #: 7500 |
| Facility ID # (Public Wells): | |
| Address: 9403 TRI COUNTY RD, FREMONT WI 54940 | |
| Well Plan Approval #: | |
| Approval Date (mm-dd-yyyy): | |
| Hicap Permanent Well #: | Common Well #: |
| Specific Capacity: 1.4 | |

**1. Well Location**

Town of MANITOWOC RAPIDS

Fire # (if avail.):

Street Address or Road Name and Number: 8535 MIDDLE RD

Subdivision Name: | Lot #: | Block #:

Latitude / Longitude in Decimal Degree (DD): 44.0933 °N -87.7749 °W

Method Code: GCD013

SE NW or Govt Lot #: | Section: 29 | Township: 19 N | Range: 23 E

**2. Well Type** New Well

of previous unique well #: constructed in:

Reason for replaced or reconstructed well ?:

Construction Type: Drilled

**3. Well serves** 1 # of

Private,potable

Heat Exchange____# of drillholes

Hicap Well ? No

Hicap Property ? No

Hicap Potable ?

**4. Potential Contamination Sources - ON REVERSE SIDE**

**5. Drillhole Dimensions and Construction Method**

| Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| 8.75 | Surface | 105 |
| 6 | 105 | 123 |

Upper Enlarged Drillhole / Lower Open Bedrock

- Yes / No — Rotary - Mud Circulation ..... — No
- No / Yes — Rotary - Air .....
- Rotary - Air & Foam .....
- Drill-Through Casing Hammer
- Reverse Rotary
- Cable-tool Bit ____in. dia...
- Dual Rotary .....
- Temp. Outer Casing ____in. dia
  Removed? ____depth ft. (If NO explain on back side)

**8. Geology**

| Geology Codes | | | | Type, Caving/Noncaving, Color, Hardness, etc... | From (ft.) | To (ft.) |
|---|---|---|---|---|---|---|
| - | - | C | - | CLAY | Surface | 45 |
| - | - | X | - | SAND, CLAY | 45 | 80 |
| - | - | L | - | CLAY, GRAVEL | 80 | 105 |
| - | - | L | - | LIMESTONE | 105 | 123 |

**6. Casing, Liner, Screen**

| Dia. (in.) | Material, Weight, Specification Manufacturer & Method of Assembly | From (ft.) | To (ft.) |
|---|---|---|---|
| 6 | WHEATLAND, P/E, STEEL, ASTMA53B, WELDED | Surface | 105 |
| Dia. (in.) | Screen type, material & slot size | From (ft.) | To (ft.) |
| | | | |

**9. Static Water Level**

35 ft. below ground surface

**10. Pump Test**

Pumping level 60 ft. below surface

Pumping at 35 GP M for 1 Hrs.

Pumping Method ?

**11. Well Is**

18 in. above grade

Developed ? Yes

Disinfected ? Yes

Capped ? Yes

**7. Grout or Other Sealing Material**

Method GRAVITY

| Kind of Sealing Material | From (ft.) | To (ft.) | # Sacks Cement |
|---|---|---|---|
| DRILL CUTTINGS | Surface | 105 | S |

**12.** Notified Owner of need to fill & seal ?

Filled & Sealed Well(s) as needed? No

NONE ON PROPERTY

| **13.** Constructor / Supervisory Driller | Lic # | Date Signed |
|---|---|---|
| PB | | 01-10-2008 |
| Drill Rig Operator | Lic or Reg # | Date Signed |
| | | |

**4a. Potential Contamination Sources** Is the well located in floodplain ? No

| Type | Qualifier | Distance | Type | Qualifier | Distance |
|---|---|---|---|---|---|
| POWTS dispersal component (soil absorption unit or mound) | | 125 | Building Overhang | | 40 |
| | | | Septic or Holding, or POWTS Tank | | 100 |

Comment:

| Variance ID | Variance or Exception Type | Date | Reason |
|---|---|---|---|
| | Sample Submit Time | 01/10/2008 | DELAYED BACT. SAMPLE. NO HEAT OR ELEC. ON HOLD TIL SPRING |

Created On: 03-17-2008 Updated On: 10-15-2019 Review Status: