# Well Construction Report
## *WISCONSIN UNIQUE WELL NUMBER* WU834

Drinking Water and Groundwater - DG/5
Department of Natural Resources, Box 7921
Madison WI 53707

Form 3300-077A

| | | | |
|---|---|---|---|
| Property Owner: RICHARDS, CHRIS | | | Phone #: (608)732-2112 |
| Mailing Address: PO BOX 653 | | | |
| City: PLATTEVILLE | State: WI | Zip Code: 53818 | |
| County: Grant | Co. Permit #: | Notification #: 48336259 | Completed: 06-18-2013 |

| | | | |
|---|---|---|---|
| Well Constructor (Business Name): JEFFERY A FAHERTY | Lic. #: 6819 | Facility ID # (Public Wells): | |
| Address: FAHERTY & SON WELL DRLG<br>PLATTEVILLE WI 53818 | | Well Plan Approval #: | |
| | | Approval Date (mm-dd-yyyy): | |
| Hicap Permanent Well #: | Common Well #: | Specific Capacity: 1.9 | |

**3. Well serves** 1 # of
Private,potable
Heat Exchange____# of drillholes

Hicap Well ? No
Hicap Property ? No
Hicap Potable ?

**1. Well Location**
Town of PLATTEVILLE

Fire # (if avail.)

Street Address or Road Name and Number
NEALMAR RD

| Subdivision Name | Lot # | Block # |
|---|---|---|
| | | |

| Latitude / Longitude in Decimal Degree (DD) | | | | Method Code |
|---|---|---|---|---|
| 42.9069 °N | -90.43022 °W | | | GPS008 |

| SE | SW | Section | Township | Range |
|---|---|---|---|---|
| or Govt Lot # | | 3 | 3 N | 1 W |

**2. Well Type** New Well
of previous unique well # constructed in

Reason for replaced or reconstructed well ?

Construction Type Drilled

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

**5. Drillhole Dimensions and Construction Method**

| Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| 11 | Surface | 17 |
| 10 | 17 | 120 |
| 6 | 120 | 222 |

Upper Enlarged Drillhole / Lower Open Bedrock

- Rotary - Mud Circulation .....
- No — Rotary - Air ..... — Yes
- Yes — Rotary - Air & Foam ..... — No
- Drill-Through Casing Hammer
- Reverse Rotary
- Cable-tool Bit ____in. dia...
- Dual Rotary .....
- Yes — Temp. Outer Casing 10in. dia
- Yes — Removed? 18depth ft. (If NO explain on back side)

**8. Geology**

| Geology Codes | | | | Type, Caving/Noncaving, Color, Hardness, etc... | From (ft.) | To (ft.) |
|---|---|---|---|---|---|---|
| - | - | C | - | CLAY | Surface | 15 |
| - | - | L | - | GALENA LIMESTONE | 15 | 76 |
| - | - | L | - | PLATTEVILLE LIMESTONE | 76 | 110 |
| I | S | H | - | WHITE SHALE SOFT | 107 | 110 |
| - | - | L | - | TRENTON (MCGREGOR) LIMESTONE | 110 | 165 |
| - | - | N | - | ST PETER SANDSTONE | 165 | 205 |
| - | - | L | - | LOWER MAGNESIUM (PR. DU CHIEN) LIMESTONE | 205 | 222 |
| U | H | H | - | BLUE SHALE HARD | 205 | 207 |

**6. Casing, Liner, Screen**

| Dia. (in.) | Material, Weight, Specification Manufacturer & Method of Assembly | From (ft.) | To (ft.) |
|---|---|---|---|
| 6 | STEEL 19.45 LB/FT ASTM A53B IPSCO T&C | Surface | 120 |
| Dia. (in.) | Screen type, material & slot size | From (ft.) | To (ft.) |
| | | | |

**7. Grout or Other Sealing Material**
Method TREMIE PIPE PRESSURE

| Kind of Sealing Material | From (ft.) | To (ft.) | # Sacks Cement |
|---|---|---|---|
| NEAT CEMENT | Surface | 120 | 50 |

**9. Static Water Level**
127 ft. below ground surface

**10. Pump Test**
Pumping level 140 ft. below surface
Pumping at 25 GP M for 0.5 Hrs.
Pumping Method ?

**11. Well Is**
18 in. above grade
Developed ? Yes
Disinfected ? Yes
Capped ? Yes

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

Filled & Sealed Well(s) as needed?
N/A

| 13. Constructor / Supervisory Driller | Lic # | Date Signed |
|---|---|---|
| JF | | 06-23-2013 |
| 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) | | 100 | Septic or Holding, or POWTS Tank | | 80 |

Comment:

Created On: 07-24-2013 Updated On: 08-20-2013 Review Status: