# Well Construction Report
## *WISCONSIN UNIQUE WELL NUMBER* EK179

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

Form 3300-077A

| | | | |
|---|---|---|---|
| Property Owner: DWIGHT MASSEY | | | Phone #: (608)967-2189 |
| Mailing Address: 1475 HWY K | | | |
| City: HOLLANDALE | State: WI | Zip Code: 53544 | |
| County: Iowa | Co. Permit #: | Notification #: | Completed: 06-06-1992 |

| | | | |
|---|---|---|---|
| Well Constructor (Business Name): FAHERTY, FRANCIS X | Lic. #: 5824 | Facility ID # (Public Wells): | |
| Address: PO BOX 247 PLATTEVILLE WI 53818-0247 | | Well Plan Approval #: | |
| | | Approval Date (mm-dd-yyyy): | |
| Hicap Permanent Well #: | Common Well #: | Specific Capacity: 0.4 | |

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

Hicap Well ? No
Hicap Property ? No
Hicap Potable ?

**1. Well Location**
Town of MOSCOW

Fire # (if avail.):

Street Address or Road Name and Number: LONG VALLEY RD

Subdivision Name: | Lot #: | Block #:

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

Method Code:

| SE | NE | Section | Township | Range |
|---|---|---|---|---|
| or Govt Lot # | | 18 | 5 N | 5 E |

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

Reason for replaced or reconstructed well ?
OLD WELL PUMPING DIRT

Construction Type: Drilled

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

**5. Drillhole Dimensions and Construction Method**

| Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| 10 | Surface | 195 |
| 6 | 195 | 272 |
| 5 | 272 | 310 |

Upper Enlarged Drillhole — Lower Open Bedrock

Yes Rotary - Mud Circulation .....
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 | 5 |
| | | L | | TRENTON MCGREGOR LIMESTONE | 5 | 55 |
| | | N | | ST PETER SANDSTONE | 55 | 103 |
| | | H | | SHALE | 103 | 106 |
| | C | L | | MAG LIMESTONE BADLY CRAUASED | 106 | 310 |

**6. Casing, Liner, Screen**

| Dia. (in.) | Material, Weight, Specification Manufacturer & Method of Assembly | From (ft.) | To (ft.) |
|---|---|---|---|
| 6 | A-53 19.45 VSP T@C | Surface | 195 |
| 5 | A-53 14.65 VSP T@C | 167 | 272 |
| Dia. (in.) | Screen type, material & slot size | From (ft.) | To (ft.) |
| | | | |

**7. Grout or Other Sealing Material**

Method PRESSURE PUMPED

| Kind of Sealing Material | From (ft.) | To (ft.) | # Sacks Cement |
|---|---|---|---|
| PORTLAND TYPE I | Surface | 195 | 80 |

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

**10. Pump Test**
Pumping level 230 ft. below surface
Pumping at 20 GP for 0.5 Hrs.
Pumping Method ?

**11. Well Is**
12 in. below grade
Developed ? Yes
Disinfected ? Yes
Capped ? Yes

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

Filled & Sealed Well(s) as needed?

| **13.** Constructor / Supervisory Driller | Lic # | Date Signed |
|---|---|---|
| FXF | | 06-08-1992 |
| Drill Rig Operator | Lic or Reg # | Date Signed |
| JF | | 06-08-1992 |

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

| Type | Qualifier | Distance |
|---|---|---|
| POWTS dispersal component (soil absorption unit or mound) | | 120 |
| Nonconforming Pit or Alcove | | 130 |
| Sewer - Building Sanitary | | 70 |

| Type | Qualifier | Distance |
|---|---|---|
| Animal Barn Pen | | 140 |
| Animal Yard - Include Hutches | | 140 |
| Barn Gutter | | 150 |
| Septic or Holding, or POWTS Tank | | 65 |

Comment:

Created On: 06-24-1992 Updated On: 06-24-1992 Review Status: