# Well Construction Report
## *WISCONSIN UNIQUE WELL NUMBER* ER612

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

Form 3300-077A

| | |
|---|---|
| Property Owner: THOMAS DUFFY | Phone #: (608)255-1608 |
| Mailing Address: 546 ECHO VALLEY RD | |
| City: BROOKLYN | State: WI — Zip Code: 53521 |
| County: Dane | Co. Permit #: W06443 — Notification #: — Completed: 05-30-1992 |
| Well Constructor (Business Name): BERKHOLTZ, RICHARD | Lic. #: 3 — Facility ID # (Public Wells): |
| Address: 6400 LAKE RD, WINDSOR WI 53598-9717 | Well Plan Approval #: — Approval Date (mm-dd-yyyy): |
| Hicap Permanent Well #: | Common Well #: — Specific Capacity: 1 |

**1. Well Location**

Town of OREGON

Fire # (if avail.):

Street Address or Road Name and Number: 546 ECHO VALLEY

Subdivision Name: — Lot #: — Block #:

Latitude / Longitude in Decimal Degree (DD): 42.8844 °N -89.4261 °W — Method Code: GCD013

NW or Govt Lot #: NW — Section: 27 — Township: 5 N — Range: 9 E

**2. Well Type** New Well

of previous unique well #: — constructed in:

Reason for replaced or reconstructed well ?: NEW CONSTRUCTION

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 | 42 |
| 6 | 42 | 185 |
| 5 | 185 | 305 |

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 | 12 |
| T | | N | | TAN SANDSTONE | 12 | 51 |
| | X | N | C | SANDSTONE W/CLAY LAYERS | 51 | 178 |
| | H | N | | HARD SANDSTONE | 178 | 210 |
| R | | N | | RED SANDSTONE | 210 | 235 |
| T | | N | | TAN SANDSTONE | 235 | 285 |
| | | N | | SANDSTONE | 285 | 305 |

**6. Casing, Liner, Screen**

| Dia. (in.) | Material, Weight, Specification Manufacturer & Method of Assembly | From (ft.) | To (ft.) |
|---|---|---|---|
| 6 | STD. STEEL PE NEW 18.97LBS ASTM A53 18.97LBS | Surface | 42 |
| 5 | STD. STEEL PE 14.62LBS SAWHILL | 38 | 185 |
| Dia. (in.) | Screen type, material & slot size | From (ft.) | To (ft.) |
| | | | |

**7. Grout or Other Sealing Material**

Method TREMIE LINE

| Kind of Sealing Material | From (ft.) | To (ft.) | # Sacks Cement |
|---|---|---|---|
| NEAT CEMENT GROUT | Surface | 42 | 8 |

**9. Static Water Level**

155 ft. below ground surface

**10. Pump Test**

Pumping level 170 ft. below surface

Pumping at 15 GP for 1 Hrs.

Pumping Method ?

**11. Well Is**

36 in. above grade

Developed ? Yes

Disinfected ? Yes

Capped ? Yes

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

Filled & Sealed Well(s) as needed? No

NONE

| **13.** Constructor / Supervisory Driller | Lic # | Date Signed |
|---|---|---|
| RB | | 06-03-1992 |
| **Drill Rig Operator** | **Lic or Reg #** | **Date Signed** |
| RCB | | 06-03-1992 |

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

| Type | Qualifier | Distance |
|---|---|---|
| POWTS dispersal component (soil absorption unit or mound) | > | 25 |
| Building Drain - Sanitary | > | 25 |
| Building Overhang | | 15 |
| Clearwater Sump | > | 15 |

| Type | Qualifier | Distance |
|---|---|---|
| Downspout/Yard Hydrant | | 15 |
| Foundation Drain to Clearwater | | 15 |
| Sewer - Building Sanitary | | 25 |
| Septic or Holding, or POWTS Tank | > | 25 |

Comment:

Created On: 06-19-1992 Updated On: 12-11-2019 Review Status: