# Well Construction Report
## *WISCONSIN UNIQUE WELL NUMBER* YZ135

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

Form 3300-077A

| | |
|---|---|
| Property Owner: BASSO BUILDERS | Phone # |
| Mailing Address: 405 SKY LINE DR #A | |
| City: LAKE GENEVA | State: WI — Zip Code: 53147 |
| County: Walworth | Co. Permit #: — Notification #: 7123641201 — Completed: 03-29-2018 |

**1. Well Location**

Town of LINN

Fire # (if avail.)

Street Address or Road Name and Number: 1848 SOUTHLAND DR

Subdivision Name — Lot # — Block #

| | |
|---|---|
| Well Constructor (Business Name): ROBERT K BIERSACK | Lic. #: 6413 — Facility ID # (Public Wells) |
| Address: BIERSACK WELL SERVICE, EAST TROY WI 53120 | Well Plan Approval # — Approval Date (mm-dd-yyyy) |
| Hicap Permanent Well # | Common Well # — Specific Capacity: 1.5 |

Latitude / Longitude in Decimal Degree (DD): 42.5578 °N -88.5006 °W — Method Code: SCR002

NW SW — Section: 9 — Township: 1 N — Range: 17 E — or Govt Lot #

**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.) |
|---|---|---|
| 9 | Surface | 4 |
| 6 | 4 | 85 |

Upper Enlarged Drillhole — Lower Open Bedrock

- Rotary - Mud Circulation .....
- Rotary - Air .....
- Rotary - Air & Foam .....
- Drill-Through Casing Hammer
- Reverse Rotary
- Yes Cable-tool Bit 6in. dia... No
- 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.) |
|---|---|---|---|---|---|---|
| Y | - | C | - | YELLOW CLAY | Surface | 4 |
| - | - | G | - | GRAVEL | 4 | 14 |
| T | H | Z | - | TAN HARD CLAY & GRAVEL | 14 | 35 |
| - | - | S | - | SAND | 35 | 40 |
| G | - | Z | - | GREY CLAY & GRAVEL | 40 | 80 |
| - | - | Y | - | SAND & GRAVEL | 80 | 85 |

**6. Casing, Liner, Screen**

| Dia. (in.) | Material, Weight, Specification Manufacturer & Method of Assembly | From (ft.) | To (ft.) |
|---|---|---|---|
| 6 | IPSCO STEEL ASTM A53B 18.97 PPF P/E | Surface | 82 |
| Dia. (in.) | Screen type, material & slot size | From (ft.) | To (ft.) |
| 6 | #15 STAINLESS STEEL | 82 | 85 |

**9. Static Water Level**

45 ft. below ground surface

**10. Pump Test**

Pumping level 55 ft. below surface

Pumping at 15 GP M for 2 Hrs.

Pumping Method ?

**11. Well Is**

16 in. above grade

Developed ? Yes

Disinfected ? Yes

Capped ? Yes

**7. Grout or Other Sealing Material**

Method START HOLE

| Kind of Sealing Material | From (ft.) | To (ft.) | # Sacks Cement |
|---|---|---|---|
| GRANULAR BENTONITE | Surface | | |

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

Filled & Sealed Well(s) as needed? Yes

| **13.** Constructor / Supervisory Driller | Lic # | Date Signed |
|---|---|---|
| BB | | |
| Drill Rig Operator | Lic or Reg # | Date Signed |
| | | |

**4a. Potential Contamination Sources** Is the well located in floodplain ?

| Type | Qualifier | Distance | Type | Qualifier | Distance |
|---|---|---|---|---|---|
| POWTS dispersal component (soil absorption unit or mound) | | 40 | Septic or Holding, or POWTS Tank | | 25 |

Comment:

| Variance ID | Variance or Exception Type | Date | Reason |
|---|---|---|---|
| | Separation Distance Variance | 04/09/2018 | <REQUIRED 50' FROM SOIL ABSORPTION UNIT. |

Created On: 05-07-2018 Updated On: 05-07-2018 Review Status: