# Well Construction Report
## WISCONSIN UNIQUE WELL NUMBER ZD167

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

Form 3300-077A

| | | | |
|---|---|---|---|
| Property Owner: NICKEL, MELVIN A | | | Phone # |
| Mailing Address: W14774 ST RD 23 | | | |
| City: WIS DELLS | State: WI | Zip Code: 53965 | |
| County: Columbia | Co. Permit #: | Notification #: 8545799301 | Completed: 10-23-2021 |

| | | | |
|---|---|---|---|
| Well Constructor (Business Name): SMITH, DAVID WILLIAM | Lic. #: 38 | Facility ID # (Public Wells): | |
| Address: D W SMITH WELL DRILLING E10704B HWY 136 BARABOO WI 53913 | | Well Plan Approval #: | Approval Date (mm-dd-yyyy): |
| Hicap Permanent Well #: | Common Well #: | Specific Capacity: 1.3 | |

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

Hicap Well ? No
Hicap Property ? No
Hicap Potable ? No

**1. Well Location**
Town of NEWPORT

Fire # (if avail.): W14774

Street Address or Road Name and Number: W14774 ST RD 23

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

| | | | |
|---|---|---|---|
| Latitude / Longitude in Decimal Degree (DD): 43.634 °N -89.7327 °W | | | Method Code: GPS008 |
| SE NW or Govt Lot # | Section: 1 | Township: 13 N | Range: 6 E |

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

Reason for replaced or reconstructed well ?
DISCONNECTED FROM NEIGHBOR

Construction Type Drilled

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

**5. Drillhole Dimensions and Construction Method**

| Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|
| 10 | Surface | 20 |
| 6 | 20 | 182 |

| Upper Enlarged Drillhole | | Lower Open Bedrock |
|---|---|---|
| No | Rotary - Mud Circulation ..... | No |
| No | Rotary - Air ..... | No |
| No | Rotary - Air & Foam ..... | No |
| No | Drill-Through Casing Hammer | |
| No | Reverse Rotary | |
| No | Cable-tool Bit ____in. dia... | No |
| No | Dual Rotary ..... | No |
| No | Temp. Outer Casing ____in. dia | |
| No | Removed? ____depth ft. (If NO explain on back side) | |

**8. Geology**

| Geology Codes | | | | Type, Caving/Noncaving, Color, Hardness, etc... | From (ft.) | To (ft.) |
|---|---|---|---|---|---|---|
| K | | I | | K-BLACK I-SOIL-ORGANIC | Surface | 2 |
| | | Y | | Y-SAND & GRAVEL | 2 | 48 |
| | S | N | | S-SOFT/LOOSE N-SANDSTONE | 48 | 49 |
| | H | N | | H-HARD/FIRM N-SANDSTONE | 49 | 182 |

**6. Casing, Liner, Screen**

| Dia. (in.) | Material, Weight, Specification Manufacturer & Method of Assembly | From (ft.) | To (ft.) |
|---|---|---|---|
| 6 | STEEL 18.97 A53 GRADE B WELDED JOINT WHEATLAND USA | Surface | 49 |
| Dia. (in.) | Screen type, material & slot size | From (ft.) | To (ft.) |
| | | | |

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

**10. Pump Test**
Pumping level 128 ft. below surface
Pumping at 10 GP M for 2 Hrs.
Pumping Method ? Test Pump

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

**7. Grout or Other Sealing Material**
Method POURED IN

| Kind of Sealing Material | From (ft.) | To (ft.) | # Sacks Cement |
|---|---|---|---|
| BENTONITE MUD | Surface | 20 | |

**12.** Notified Owner of need to fill & seal ? No

Filled & Sealed Well(s) as needed? No

| 13. Constructor / Supervisory Driller | Lic # | Date Signed |
|---|---|---|
| DS | 38 | 11-10-2021 |
| Drill Rig Operator | Lic or Reg # | Date Signed |
| | | |

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

| Type | Qualifier | Distance |
|---|---|---|
| POWTS dispersal component (soil absorption unit or mound) | | 69 |

| Type | Qualifier | Distance |
|---|---|---|
| Sewer - Building Sanitary | | 38 |
| Septic or Holding, or POWTS Tank | | 43 |

Comment:

Created On: 03-07-2022 Updated On: 05-09-2022 Review Status: APPROVED