

39048

STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES
AND ENVIRONMENTAL CONTROL

APPLICATION FOR A PERMIT TO DRILL A WELL
To be completed by a licensed water well driller

APPLICANT MUST BE
SUBMITTED AND PERMIT
RECEIVED BEFORE DRILLING
IS STARTED

Form No. 1000 (Rev. 1-1-77)

Permit No. 39048

Applicant: John B. Townsend, Sr.
Address: RD 1 Box 197
Clarksville, De. 19937

Date of Application: 8 / 3 / 77
Estimated Date of Completion: 8-3-77

Driller: John B. Townsend
License No. _____
Pump Installer: _____ License No. _____

WELL INFORMATION (See also Form No. 1001)
Purpose: Private
Type: Observation
Use: Domestic
Other: _____

LOCATION MAP

PROPOSED WELL CONSTRUCTION
 Method of drilling: Rotary
 Approximate total depth of well: 55 ft.
 Name of Installer: _____
 Casing diameter at top of well: 4 inches
 Casing Material: PVC
 Screen Material: _____
 Estimated Screen Setting: between 50 and 55 ft.
 Estimated length of screen: _____ ft.
 Will the well be gravel packed? Yes
 General Category of the Well: B
 Estimated daily yield: _____ gpd

I hereby affirm the information I have furnished is true and correct.
 Applicant (Driller) Representative: John B. Townsend

Permit No. 39048
 Report No. 1000

STATE WATER SERVICE
Rise Run Well Office
Dover, Delaware 19902

Q133-24

WELL COMPLETION REPORT

1. Permit Number: 39048
 Owner of Well: John B. Townsend

2. Well Type:
 Observation Well _____
 Protection Well _____
 Well Abandoned? Yes _____ No

3. Total Well Depth: 55 feet
 Data Completed: 8/3/77

4. Gravel Type: Now
 From _____ feet to _____ feet
 From _____ feet to _____ feet

5. Casing Type: 4" PVC
 _____ inches to 55 feet
 _____ inches to _____ feet
 Drive Shaft Yes _____ No

6. Screen Setting:
 _____ feet to 55 feet

7. Gravel Packed? Yes
 _____ feet to 55 feet

8. Well Head Completion:
no yes fake
 _____ inches above _____

9. Static Water Level:
20 feet below grade
 _____ feet above grade

10. Pumping Water Level:
25 feet below grade at flow
25 hours at 35 GPM

11. Permanent Pump Installed:
 Yes No _____
 a. Shallow Well _____
 b. Deep Well _____
 c. Recirculating _____ Rotary _____
 d. Centrifugal _____ Jet _____
 e. Submersible _____
 f. Capacity: 10 GPM

12. Well Number: _____

Formation	Thickness of Section	Depth to Bottom of Section
<u>medium white sand</u>	<u>10'</u>	<u>10'</u>
<u>blue clay</u>	<u>10'</u>	<u>20'</u>
<u>medium gray sand</u>	<u>21'</u>	<u>41'</u>
<u>coarse white sand</u>	<u>14'</u>	<u>55'</u>

Signature of Water Well Contractor: John B. Townsend
 Date: 8/3/77

Document 20-01-78/03/10

STATE OF DELAWARE
FILE SEP