STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES
AND ENVIRONMENTAL CONTROL

APPLICATION MUST BE SUBMITTED AND PERMIT RECEIVED BEFORE DRILLING IS STARTED

APPLICATION FOR A PERMIT TO DRILL A WELL

To be completed by a licensed water well driller)

Date of Application: 4 Mon. 28 Day 81 Year

Estimated Date of Construction: 9-20-81

Driller: Burns License No. 7

Pump Installer: License No.

LOCATION MAPS

Road Map

CO Rd 432

Site Plan (include suitable plot plan if available)

For Official Use Only. – Do Not Write Below This Line.

29/82

Signed: Ruby F. Thuyne

Permit Number: 49630

Report Filed: 10/20/81

PLEASE RETURN TO:

WATER SUPPLY BRANCH
Piney Run Well Office
Box 1401
Dover, Delaware 19901

DOCUMENT 40-98/78/01/3

Pf44-04

WELL COMPLETION REPORT

1. Permit Number: 4 9 6 3 0
Owner of well: Channing Marshall

2. Use of water: Domestic ☑ Public ☐ Industrial ☐ Agriculture ☐ Irrigation ☐ Commercial ☐ Other

3. Method of Drilling: Jet ☐ Dug ☐ Driven ☐ Rotary: Mud ☑ Air ☐ Other

4. Test Well? ☐ Observation ☐ Production ☑

5. Total Well Depth: 61 feet
Date Completed 9/29/81 Month Day Year

6. If this is a replacement well, how was previous well abandoned? Jetted, casing plugged

7. Casing Material: Steel ☐ PVC ☑ Concrete ☐
Diameter 4 in. From 0 to 56 feet

8. Screen Material: Steel ☐ PVC ☑ Concrete ☐
Diameter 4 inches
Setting from 56 to 61 feet

9. Grout Type: Cement ☐ Bentonite Clay ☐
Other
From to feet

10. Non-grout Backfill of Well Annulus:
Type Cuttings From 0 to 56 feet

11. Gravel packed: Type
From 56 to 61 feet

12. Static Water Level: Date 9/29/81
feet Ft. (Below, Above) Ground Surface

13. Pumping Water Level: 12 ft. below grade after 2 hours at 10 GPM

14. Well Head Completion:
Type: Pitless Adapter ☑ Other ☐
inches above grade

15. Type of Permanent Pump Installed:
Pump Manuf.
Rated capacity
Pump intake setting ft. below grade

16. The completed well is ..... ☑ ☐
a. at least 5' from any overhang ☑ ☐
b. at least 50' from any septic tank ☑ ☐
c. at least 10' from tank sewer line ☑ ☐
d. at least 100' from the nearest edge of any tilefield ☐ ☐
(if well is cased less than 50')
e. at least 50' from the edge of any tilefield if casing (not including screen) is more than 50' in depth ☑ ☐

17. The nearest neighbors (circle one) septic tank, tile field, disposal, or privy is 60+ ft. from completed well.

18. Is completed well located as shown on application form? ☑ ☐
If no, describe location change:

Company Name Burns Well Drilling
Signature of Water Well Contractor: H. L. Burns Date 9/30/81

Pf44-04

DRILLERS LOG	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
Top Soil	3	3
fine brown sand, silty clay	7	10
mud, some limestone, pieces of clay	10	20
Coarse brown sand	20	40
Med. coarse Brown sand	27	67