

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W- 5937  
C- 81  
228-161

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

Box 3667  
Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road  
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: City of Virginia Beach #4

Mailing Address: Dept. of Utilities  
Virginia Beach, Va.

TENANT:

Mailing Address:

DRILLER: Law Engineering Co.

Mailing Address: 5700 Thurston Ave.  
Virginia Beach, Va.

WELL LOCATION: County Virginia Beach  
Pembroke #3

Approx. 25 <sup>feet</sup>/<sub>miles</sub> SE (direction) of  
and 25 <sup>feet</sup>/<sub>miles</sub> NW (direction) of deep observation

(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.)

DATE STARTED: December 1978

DATE COMPLETED: February 28, 1979

TYPE OF DRILL RIG USED: TOTAL DEPTH 32' feet

WATER LEVEL: Stands \_\_\_\_\_ feet below surface OR

has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method \_\_\_\_\_

Drawdown \_\_\_\_\_ feet

Rate \_\_\_\_\_ gal. per min.

Duration \_\_\_\_\_ hrs., \_\_\_\_\_ min.

HOLE SIZE: 8 inches from 0 to 30 feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

SCREEN SIZE: 2 inches from 25 to 30 feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

CASE SIZE: 2 inches from 0 to 25 feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER: Color \_\_\_\_\_ Taste \_\_\_\_\_

Odor \_\_\_\_\_ Temp. \_\_\_\_\_ °F

WELL TO SUPPLY: (check one) Home \_\_\_\_\_

Farm \_\_\_\_\_ Town \_\_\_\_\_ School \_\_\_\_\_

Industry \_\_\_\_\_ Other Obs. Well \_\_\_\_\_

GROUTING: Method \_\_\_\_\_

Material \_\_\_\_\_ Depth \_\_\_\_\_ feet

PUMP: Type \_\_\_\_\_

Capacity \_\_\_\_\_ gal. per min

Depth of intake \_\_\_\_\_ feet

WATER ANALYSIS AVAILABLE: Yes \_\_\_\_\_ No

DRILL CUTTINGS SAVED: Yes  No \_\_\_\_\_

(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHED FREE OF CHARGE UPON REQUEST.)

REMARKS: \_\_\_\_\_

# LOG

FURNISHED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED ( gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		

(Use additional forms if necessary)



OWNER: City of Virginia Beach  
DRILLER: Law  
COUNTY: Princess Anne

W# 5937  
C# 81  
Total Depth: 30'  
Quad: Kempsville  
Elev: 8

Depth  
(Feet)

Well Log

0-5 Clay - Yellowish gray (5y 7/2); moderate sand, fine to coarse, subangular, poorly sorted.

5-9 Clay - Pale yellowish brown (10yr 6/2); moderate sand, fine to coarse, subangular, poorly sorted.

9-10 Sand - Light olive gray (5y 6/1); medium to coarse, subangular, well sorted; organic chemical residue, copper sulfate; wood and plant debris; feldspar; mica.

10-32 Sand - Light olive gray (5y 6/1) and dark greenish gray (5G 4/1); moderate clasts; medium to coarse, subangular, moderate sorting; abundant chemical contamination; wood debris; rare phosphate and shell fragments.

Logged by:  
J. K. Polzin  
Dec. 18, 1980