

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:  
Box 3667  
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES  
JAMES L. CALVER, COMMISSIONER  
WATER WELL COMPLETION REPORT

OFFICE ADDRESS:  
McCormick Road  
Charlottesville, Virginia

OWNER: Lakeville Estates (Indian River Rd) Mailing Address: \_\_\_\_\_

TENANT: \_\_\_\_\_ Mailing Address: \_\_\_\_\_

DRILLER: Layne Atlantic Co. Mailing Address: Norfolk

WELL LOCATION: County Princess Anne Approx. \_\_\_\_\_ feet miles \_\_\_\_\_ (direction) of \_\_\_\_\_  
Indian River Road and \_\_\_\_\_ feet miles \_\_\_\_\_ (direction) of \_\_\_\_\_

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

DATE STARTED: April 29, 1970 DATE COMPLETED: April 30, 1970

TYPE OF DRILL RIG USED: \_\_\_\_\_ TOTAL DEPTH 148 feet

WATER LEVEL: Stands 12 feet below surface OR  
has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method \_\_\_\_\_  
Drawdown 38 feet  
Rate 160 gal. per min.  
Duration 8 hrs., \_\_\_\_\_ min.

HOLE SIZE: 20 inches from 0 to 148 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

SCREEN SIZE: 6 inches from 100 to 120 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER ZONES: from \_\_\_\_\_ to \_\_\_\_\_ feet  
from \_\_\_\_\_ to \_\_\_\_\_ feet  
from \_\_\_\_\_ to \_\_\_\_\_ feet

CASE SIZE: 20 inches from 0 to 50 feet  
6 inches from 0 to 100 feet  
6 inches from 120 to 125 feet

WATER: Color \_\_\_\_\_ Taste \_\_\_\_\_  
Odor \_\_\_\_\_ Temp. \_\_\_\_\_ °F

GROUTING: Method \_\_\_\_\_  
Material Cement Depth 50 feet

WELL TO SUPPLY: (check one) Home \_\_\_\_\_  
Farm \_\_\_\_\_ Town \_\_\_\_\_ School \_\_\_\_\_  
Industry \_\_\_\_\_ Other \_\_\_\_\_

PUMP: Type \_\_\_\_\_  
Capacity \_\_\_\_\_ gal per min  
Depth of intake 50 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		
0	40	Sand	
40	50	Sand and shell	
50	60	Clay and shell	
60	100	Clay	
100	120	Sand and gravel	
120	148	Clay	
TOTAL DEPTH			
DATE COMPLETED			
TYPE OF DRILL BIT USED			
WATER LEVEL			
YIELD TEST			
SCREEN SIZE			
CASE SIZE			
WATER GAIN			
WELL TO SUPPLY			
WATER ANALYSIS AVAILABLE			
DRILL CUTTINGS SAVED			

(Use additional forms if necessary)



Owner: Lakeville Estates (Ind. Riv. Rd.)  
Driller: Layne Atlantic  
County: Princess Anne

W# 2871  
C# 62  
Total Depth: 140'  
Quad: Kempsville  
Elev: 10'

Depth  
(feet)

Well Log

- 0-20 Sand - yellowish gray (5Y 8/2); medium to granule, angular to rounded, poor sorting; biotite ~~;~~; feldspar; 3% very fine phosphate fragments; rose quartz.
- 20-30 Sand - yellowish gray (5Y 8/2); very sparse clay; fine to large granule, angular to rounded, poor sorting; 1% very fine phosphate fragments; rose quartz.
- 30-40 Sand - pale yellowish brown (10YR 6/2); very sparse clay; fine to pebble, angular to rounded, poorly sorted; 3% shell fragments.
- 40-60 Sand, Shelly - light and dark brown very sparse clay; very fine to large granule; angular to rounded; 1% phosphate fragments; 40% shell fragments - Mulinia.
- 60-80 Clay - light olive gray (5Y 6/1); abundant sand; very fine to coarse, subangular, moderate sorting; foram - Nonion; 1% shell fragments.
- 80-100 Sand - light olive gray (5Y 6/1); abundant clay; very fine to coarse, subangular with some round granules, moderate sorting; 30% shell fragments at 80-90' and 5% at 90-100', shells - Iritonalia, Mulinia; foram - Robulus; carbonized plant film on clay clasts;
- 100-120 Gravel - pale yellowish brown (10YR 6/2); moderate clay; fine to pebble, subangular to rounded, poor sorting; 10% shell fragments at 110-20'.
- 120-140 Sand - light olive gray (5Y 5/2); abundant clay in fine "Pellets"; very fine to medium, subangular, well sorted; 5% fine shell fragments; echinoderm spines; mica.

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