

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

B-3667  
Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road  
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: E.R. Pullen Mailing Address: Rt. 1 Amissville, Va.

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

DRILLER: Leazer Pump & Well Co. Mailing Address: Mill Run Drive  
Rt. 3 Warrenton, Va.

WELL LOCATION: County Rappahanock Approx. 1 1/2 miles west (direction) of  
Amissville and 350 <sup>feet</sup> ~~miles~~ north (direction) of U.S. Hwy. 211

(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 19, 1972 DATE COMPLETED: April 19, 1972

TYPE OF DRILL RIG USED: Rotary Air TOTAL DEPTH 100 feet

WATER LEVEL: Stands 16 feet below surface OR  
has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method Air Pumped  
Drawdown 84 feet  
Rate 20 gal. per min.  
Duration 2 hrs., 0 min.

HOLE SIZE: 8 3/4 inches from 0 to 15 feet

6 inches from 15 to 100 feet

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

SCREEN SIZE: \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

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

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

WATER ZONES: from 17 to 19 feet  
from 33 to 34 feet  
from 36 to 38 feet

CASE SIZE: 6 1/4 inches from 0 to 15 feet

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

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

WATER: Color clear Taste \_\_\_\_\_  
Odor None Temp. n/a °F

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

GROUTING: Method Natural

Material \_\_\_\_\_ Depth 15 feet

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

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

DRILL CUTTINGS SAVED: Yes 10 No \_\_\_\_\_

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

(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: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

FURNISHED BY: Harold E. Leazer

DATE: 5-13-72

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	10	Overburden - fractured weathered granite	
10	20	weathered granite	17-19 fracturing, water
20	30	"	
30	40	"	33-34 Water
40	50	Granite	36-38 "
50	60	"	
60	70	Granite? Some gneiss?	
70	100	Granite	



OWNER: E. R. Pullen  
DRILLER: Leazer Pump & Well Co.  
COUNTY: Rappahannock (Amissville)

W# 3537  
C# 38  
T.D. 100'

GEOLOGIC LOG

Depth  
(in feet)

0-10	Soil - tan, with pieces of gray quartz and granitic gneiss
10-20	Granitic gneiss - medium to coarse grained; white feldspar, gray and cloudy vitreous quartz, segregations of fine-grained black biotite; minor amounts of fine pale-brown muscovite; some fragments are iron-oxide stained
20-30	"
30-40	"
40-50	"
50-60	"
60-70	"
70-80	"
80-90	" with traces of pyrite
90-100	"

GEOLOGIC SUMMARY

<u>Thickness (ft)</u>	<u>Rock Unit</u>	<u>Age</u>
0-10	Soil	-
10-100	Blue Ridge Complex	Precambrian

Division of Mineral Resources  
Paul G. Nystrom, Jr. - Geologist  
June 8, 1972