

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-2459  
C- 121

MAILING ADDRESS:

B- 3667  
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:

McCormick Road  
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: USA Corps of Eng. - Philpott Project Mailing Address: Bassett, Virginia

TENANT: Ryan Branch - location 5 Mailing Address: \_\_\_\_\_

DRILLER: Rankin Williamson Mailing Address: Buffalo Junction, Virginia

WELL LOCATION: County Franklin Approx. 3 3/4 ~~feet~~ miles southeast (direction) of

Endicott and 100 ~~feet~~ east (direction) of St. Rd. 623

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

DATE STARTED: 9/23/68 DATE COMPLETED: 9/23/68

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 82 feet

WATER LEVEL: Stands 32 feet below surface OR

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

YIELD TEST: Method air lift

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

Rate 12 gal. per min.

Duration 1 hrs., 15 min.

WATER ZONES: from 32 to 33 feet

from 64 to 65 feet

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

WATER: Color clear Taste mineral

Odor none Temp. \_\_\_\_\_ °F

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

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

Industry \_\_\_\_\_ Other picnic area

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

DRILL CUTTINGS SAVED: Yes 8 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: \_\_\_\_\_

HOLE SIZE: 9 inches from 0 to 25 feet

6 1/16 inches from 25 to 82 feet

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

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

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

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

CASE SIZE: 6 1/4 inches from 0 to 25 feet

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

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

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

Material cement Depth 25 feet

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

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

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

(LOG OF WELL) OVER

# LOG

FURNISHED BY: Rankin Williamson

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	2	Loose brown dirt	
2	10	Broken limestone	
10	25	Limestone	
25	82	Limestone, medium hard	1 gpm @ 32-33 11 gpm @ 64-65

VIRGINIA DIVISION OF MINERAL RESOURCES  
Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

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Well Repository No: W-2459

Date rec'd: 2/7/69

Sample Interval: from 10 to: 81'

PROPERTY: USA Corps of Eng. - Philpott Project  
(Ryan Branch - location 5)

Number of samples: 8

COMPANY: Rankin Williamson


Total Depth: 82'

COUNTY: Franklin (Endicott)

Oil or Gas: Water:  Exploratory:

From-To	From-To	From-To	From-To
-	-	-	-
10 - 11	-	-	-
20 - 21	-	-	-
30 - 31	-	-	-
40 - 41	-	-	-
50 - 51	-	-	-
60 - 61	-	-	-
70 - 71	-	-	-
80 - 81	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples.



OWNER: USA Corps of Eng. - Philpott Project  
(Ryan Branch - location 5)  
DRILLER: Rankin Williamson  
COUNTY: Franklin (Endicott)

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TOTAL DEPTH - 82'

GEOLOGIC LOG

Depth  
in feet

0-10	No sample
10-11	Graphite phyllite — very dark gray; drab to lustrous, weathered; graphite, sericite, chlorite and quartz, with a trace of pyrite
20-21	"
30-31	" relatively unweathered
40-41	" "
50-51	" "
60-61	" "
70-71	" "
80-81	Graphite phyllite — very dark gray; drab to lustrous, relatively weathered; graphite, sericite, chlorite and quartz, with a trace of pyrite; large amount of muscovite-sericite schist
81-82	No sample

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-10'	No sample	—
10-81'	Graphite phyllite	Precambrian
81-82'	No sample	—

Virginia Division of Mineral Resources  
T. M. Gathright, Geologist  
February 10, 1969