

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-2444  
C- 339

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

B-3667

JAMES L. CALVER, COMMISSIONER

McCormick Road

Charlottesville, VA 22903

WATER WELL COMPLETION REPORT

Charlottesville, Virginia

OWNER: R. L. Upshaw Mailing Address: Rustburg, Virginia

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

DRILLER: Moore Well Drilling, Inc. Mailing Address: Rustburg, Virginia

WELL LOCATION: County Campbell Approx. 1 1/4 ~~XXXXX~~ miles west (direction) of  
Rustburg and 100 ~~XXXXX~~ <sup>feet</sup> southwest (direction) of St. Rd. 622

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

DATE STARTED: 12/15/68 DATE COMPLETED: 12/16/68

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 172 feet

WATER LEVEL: Stands 47 feet below surface OR

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

YIELD TEST: Method air lift

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

Rate 5 gal. per min.

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

HOLE SIZE: 9 inches from 0 to 110 feet

6 inches from 110 to 172 feet

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

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

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

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

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

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

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

CASE SIZE: 6 1/4 inches from 0 to 110 feet

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

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

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

Odor \_\_\_\_\_ Temp. \_\_\_\_\_ °F

WELL TO SUPPLY: (check one) Home X

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

Industry \_\_\_\_\_ Other \_\_\_\_\_

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

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

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

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

DRILL CUTTINGS SAVED: Yes 6 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: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



OWNER: R. L. Upshaw  
DRILLER: Moore Well Drilling, Inc.  
COUNTY: Campbell (Rustburg)

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TOTAL DEPTH- 172'

GEOLOGIC LOG

Depth  
in feet

|         |  |
|---------|--|
| 0-110   | Saprolite — red-brown, weathered and iron-oxide stained, fine grained mica, quartz, clay, feldspar, magnetite (?)  |
| 110-130 | Phyllite and schist — brown, weathered and iron-oxide stained; fine grained to aphanitic, micaceous; muscovite, sericite, chlorite, biotite, feldspar, quartz and magnetite; with fragments of vein quartz |
| 130-135 | Gneiss (?) — gray, very fine grained to aphanitic; foliated, micaceous, calcareous; sheared, slickensides; chlorite, feldspar, quartz, biotite, epidote, magnetite and calcite                             |
| 135-145 | " with fragments of vein calcite   |
| 145-165 | "  |
| 165-172 | Mica schist — dark gray, fine to medium grained; foliated, micaceous, slightly calcareous; chlorite, biotite, feldspar, quartz, muscovite, calcite and garnet  |

GEOLOGIC SUMMARY

|          | <u>Rock Unit</u> | <u>Age</u> |
|----------|------------------|------------|
| 0-110'   | Saprolite        | —          |
| 110-172' | Evington Group   | Cambrian   |

Virginia Division of Mineral Resources  
Robert G. Willson, Geologist  
February 7, 1969