

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: A. S. Krantz, Jr. Mailing Address: Beechwood Drive, Lynchburg, Va.

TENANT: Ray Deering Mailing Address: \_\_\_\_\_

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

WELL LOCATION: County Campbell Approx. 3 1/2 ~~feet~~ <sup>miles</sup> southwest (direction) of  
Lynchburg and 50 ~~miles~~ <sup>feet</sup> north (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: 5/21/68 DATE COMPLETED: 5/22/68

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 213 feet

WATER LEVEL: Stands 26 feet below surface OR

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

YIELD TEST: Method air lift

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

Rate 2 gal. per min.

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

HOLE SIZE: 9 inches from 0 to 49 feet

6 inches from 49 to 213 feet

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

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

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

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

CASE SIZE: \_\_\_\_\_ inches from 0 to 49 feet

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

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

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

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

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

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

Odor \_\_\_\_\_ Temp. \_\_\_\_\_ °F

WELL TO SUPPLY: (check one) Home

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

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

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

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

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

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

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

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

DRILL CUTTINGS SAVED: Yes 11 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: \_\_\_\_\_



OWNER: A. S. Krantz, Jr.  
DRILLER: Moore Well Drilling, Inc.  
COUNTY: Campbell (Lynchburg)

W-2403  
C- 326  
TOTAL DEPTH- 213'

GEOLOGIC LOG

Depth  
in feet

0-49	Saprolite — light brown clay, with sericite and quartz
49-75	Biotite gneiss — light gray, partially weathered to brown, salt-and-pepper appearance; quartz, feldspar, amber biotite and sericite
75-97	" unweathered; schistose
97-110	" "
110-135	" " with traces of epidote and pyrite
135-155	Biotite schist — silver-gray, phyllitic; quartz, biotite, feldspar and sericite
155-172	" with small amount of graphitic schist
172-180	"
180-190	"
190-197	" with large amount of white vein quartz
197-213	"

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-49'	Saprolite	—
49-213'	Lynchburg Formation	Precambrian

Virginia Division of Mineral Resources  
T. M. Gathright, Geologist  
January 17, 1969