

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

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DIVISION OF MINERAL RESOURCES  
JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:  
McCormick Road  
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: William McFadden Mailing Address: 11400 Timber Lake Rd.

TENANT: \_\_\_\_\_ Mailing Address: Lynchburg, Va.

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

WELL LOCATION: County Campbell Approx. 6 1/4 <sup>feet</sup>/<sub>miles</sub> west (direction) of \_\_\_\_\_  
Lynchburg and 400 <sup>feet</sup>/<sub>miles</sub> south (direction) of St. Hwy. 297

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

DATE STARTED: 12/19/68 DATE COMPLETED: 12/19/68

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 122 feet

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

YIELD TEST: Method air lift  
Drawdown \_\_\_\_\_ feet  
Rate 50 gal. per min.  
Duration \_\_\_\_\_ hrs., \_\_\_\_\_ min.

HOLE SIZE: 9 inches from 0 to 56 feet  
6 inches from 56 to 122 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER ZONES: from 90 to 92 feet  
from 108 to 110 feet  
from \_\_\_\_\_ to \_\_\_\_\_ feet

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

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

CASE SIZE: 6 1/4 inches from 0 to 56 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

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

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

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

PUMP: Type \_\_\_\_\_  
Capacity \_\_\_\_\_ gal. per min  
Depth of intake \_\_\_\_\_ feet

DRILL CUTTINGS SAVED: Yes 5 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: William McFadden  
DRILLER: Moore Well Drilling, Inc.  
COUNTY: Campbell (Lynchburg)

W-2436  
C- 331  
TOTAL DEPTH - 122'

GEOLOGIC LOG

Depth  
in feet

0-55	Saprolite — light brown to pinkish-gray, clay, quartz, weathered sericite, and mica
55-64	Chlorite schist — dull gray, slightly weathered; sericite, chlorite, quartz, and graphite (?), with trace of pyrite
64-98	Chlorite schist — greenish silver-gray, slightly calcareous; chlorite, sericite, quartz, feldspar, magnetite and pyrite
98-110	Chlorite-sericite schist — greenish silver-gray; chlorite, sericite, quartz, feldspar, and magnetite
110-122	" with amber chlorite, vein quartz and pyrite

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-55'	Saprolite	—
55-122'	Evington Group (?)	Cambrian (?)

Virginia Division of Mineral Resources  
T. M. Gathright, Geologist  
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