

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

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Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES  
JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:  
McCormick Road  
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Frank Swain Mailing Address: Rt. 1, Vinton, Virginia

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

DRILLER: Moore Well Drilling, Inc. Mailing Address: Box 97, Rustburg, Virginia

WELL LOCATION: County Bedford Approx. 4 1/4 ~~miles~~ <sup>miles</sup> northeast (direction) of  
Stewartsville and 250 ~~miles~~ <sup>feet</sup> east (direction) of St. Rd. 616

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

DATE STARTED: 4/22/68 DATE COMPLETED: 4/22/68

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 92 feet

WATER LEVEL: Stands 40 feet below surface OR  
has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method air lift  
Drawdown \_\_\_\_\_ feet  
Rate 30 gal. per min.  
Duration \_\_\_\_\_ hrs., \_\_\_\_\_ min.

HOLE SIZE: 9 inches from 0 to 38 feet  
6 inches from 38 to 92 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER ZONES: from \_\_\_\_\_ to \_\_\_\_\_ feet  
from \_\_\_\_\_ to \_\_\_\_\_ 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: \_\_\_\_\_ inches from 0 to 38 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 7 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: Frank Swain  
DRILLER: Moore Well Drilling, Inc.  
COUNTY: Bedford (Stewartsville)

W-2398  
C- 187  
TOTAL DEPTH- 92'

GEOLOGIC LOG

Depth  
in feet

0-36	Saprolite — brown, weathered and iron-oxide stained, fine grained fragments of feldspar and quartz, with some clay and mica
36-44	Sheared granodiorite — gray, with a few tan weathered fragments; foliated, sheared, slickensides; very fine to medium grained feldspar and quartz, with some aphanitic, dark ferromagnesium minerals
44-55	" no weathered fragments
55	" " schistose; serpentine (?)
55-60	" "
60-72	" "
72-92	" "

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-36'	Saprolite	—
36-92'	Pedlar Formation (?), sheared	Precambrian

Virginia Division of Mineral Resources  
Robert G. Willson, Geologist  
January 17, 1969