

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-2443
C- 338

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

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Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: James Trent Mailing Address: Rustburg, Virginia

TENANT: Mailing Address:

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

WELL LOCATION: County Campbell Approx. 1 ~~mile~~ miles southwest (direction) of
Rustburg and 300 ^{feet} ~~miles~~ south (direction) of St. Hwy. 24

(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: 12/20/68

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 97 feet

WATER LEVEL: Stands 50 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method air lift
Drawdown _____ feet
Rate 20 gal. per min.
Duration _____ hrs., _____ min.

HOLE SIZE: 9 inches from 0 to 65 feet
6 inches from 65 to 97 feet
_____ inches from _____ to _____ feet

WATER ZONES: from 75 to 97 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: 6 1/4 inches from 0 to 65 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 ⁴ _____ 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: James Trent
DRILLER: Moore Well Drilling, Inc.
COUNTY: Campbell (Rustburg)

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TOTAL DEPTH- 97'

GEOLOGIC LOG

Depth
in feet

0-65	Saprolite — tannish-red, weathered and iron-oxide stained, fine grained quartz, clay, feldspar and mica
65-72	Metamorphosed quartzite — light tannish-white, very slightly iron-oxide stained; fine grained; quartz, with very minor amounts of feldspar and magnetite
72-80	Biotite schist (?) — gray, very fine grained; foliated; feldspar, biotite, quartz, chlorite, epidote and magnetite
80-97	Actinolite schist — gray, very fine grained, foliated; feldspar, actinolite, quartz, biotite, epidote, magnetite and garnet

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-65'	Saprolite	—
65-97'	Evington Group (?)	Cambrian (?)

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
February 4, 1969