

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:
P.O. 3667
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES
JAMES L. CALVER, COMMISSIONER
WATER WELL COMPLETION REPORT

OFFICE ADDRESS:
McCormick Road
Charlottesville, Virginia

OWNER: Dick Roberson Mailing Address: Wertz, Va.

TENANT: _____ Mailing Address: _____

DRILLER: J. T. Kesler Drilling Co. Mailing Address: Rt. 4, Roanoke, Va.

WELL LOCATION: County Franklin Approx. 4 ~~miles~~^{xrook} miles east (direction) of
Burnt Chimney and 100 feet ~~miles~~^{east} (direction) of intersection of
St. roads #670 & 671

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

DATE STARTED: 1/25/68 DATE COMPLETED: 1/30/68

TYPE OF DRILL RIG USED: Air Rotary TOTAL DEPTH 146 feet

WATER LEVEL: Stands 30 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Air
Drawdown _____ feet
Rate 14 gal. per min.
Duration _____ hrs., _____ min.

HOLE SIZE: 9 inches from 0 to 89 feet
6 inches from 89 to 146 feet
_____ inches from _____ to _____ feet
SCREEN SIZE: _____ inches from _____ to _____ feet

WATER ZONES: from 90 to 100 feet
from 120 to 130 feet
from 131 to 137 feet

_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
CASE SIZE: 6 1/4 inches from 0 to 89 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WATER: Color _____ Taste _____
Odor _____ Temp. _____ °F

GROUTING: Method poured
Material _____ Depth _____ feet

WELL TO SUPPLY: (check one) Home _____
Farm _____ Town _____ School _____
Industry _____ Other Store

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

WATER ANALYSIS AVAILABLE: Yes _____ No X

DRILL CUTTINGS SAVED: Yes X 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: Dick Roberson
DRILLER: J. T. Kesler Drilling Company
COUNTY: Franklin (Burnt Chimney)

VDMR: 2178
WWCR: 100
TOTAL DEPTH: 146'

GEOLOGIC LOG

<u>Depth in feet</u>	
0-10	Saprolite — reddish-brown; weathered mica, minor amounts of quartz and clay
10-20	"
20-30	" light-brown; trace of garnet
30-40	" "
40-50	Saprolite — brown, slightly-weathered mica schist; mica, quartz, traces of garnet and blue fluorite
50-60	" no fluorite
60-70	Saprolite — tan, slightly iron-oxide-stained and weathered gneiss; feldspar, quartz, mica and trace of amphiboles
70-80	" with minor amount of amphibolite
80-90	Amphibolite — dark-gray to black; hornblende, feldspar, quartz and traces of biotite and garnet
90-100	"
100-110	No sample
110-120	Biotite gneiss — fine-grained, slightly foliated; feldspar, quartz and biotite with traces of muscovite and pyrite
120-130	"
130-145	"
145-146	No sample

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-80'	Saprolite	
80-100'	Amphibolite	Paleozoic (?)
100-110'	No sample	
110-145'	Lynchburg Formation	Precambrian
145-146'	No sample	

Virginia Division of Mineral Resources
W. W. Winters, Geologist
May 10, 1968