

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-2384  
C-211

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: Albert Harder Mailing Address: Bassett, Virginia

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

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

WELL LOCATION: County Henry Approx. 125 ~~feet~~ <sup>feet</sup> ~~xxxx~~ south (direction) of  
St. Rt. 57 in Bassett and 150 ~~feet~~ <sup>feet</sup> ~~xxxx~~ west (direction) of Church St.

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

DATE STARTED: 31 July 1968 DATE COMPLETED: 2 Aug. 1968

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 125 feet

WATER LEVEL: Stands 17 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 48 feet  
5 13/16 inches from 48 to 125 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER ZONES: from 72 to 85 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 48 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

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

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: Overburden was nested boulders.



OWNER: Albert Harder  
DRILLER: Moore Well Drilling, Inc.  
COUNTY: Henry (Bassett)

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TOTAL DEPTH- 125'

GEOLOGIC LOG

Depth  
in feet

0-48	Saprolite — brown, weathered and iron-oxide stained, fine grained fragments of quartz, mica, clay and feldspar
48-75	Biotite gneiss — gray, partially weathered, medium grained, foliated to poorly foliated, moderately micaceous; feldspar, quartz and biotite, with traces of pink feldspar, hornblende, and apatite (?)
75-90	" unweathered
90-125	" "

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-48'	Saprolite	—
48-125'	Biotite gneiss	Precambrian (?)

Virginia Division of Mineral Resources  
Robert G. Willson, Geologist  
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