

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

B 3667

JAMES L. CALVER, COMMISSIONER

McCormick Road

Charlottesville, VA 22903

WATER WELL COMPLETION REPORT

Charlottesville, Virginia

OWNER: B. G. Shephard Mailing Address: 3409 Waterlick Rd.

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

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

WELL LOCATION: County Campbell Approx. 3 1/2 ~~miles~~ <sup>miles</sup> south (direction) of  
Lynchburg and 100 ~~feet~~ <sup>feet</sup> north (direction) of St. Rd. 622

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

DATE STARTED: 12/3/68 DATE COMPLETED: 12/4/68

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 172 feet

WATER LEVEL: Stands 47 feet below surface OR

has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method air lift

Drawdown \_\_\_\_\_ feet

Rate 3 gal. per min.

Duration \_\_\_\_\_ hrs., \_\_\_\_\_ min.

HOLE SIZE: 9 inches from 0 to 47 feet

6 inches from 47 to 172 feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

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

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER ZONES: from \_\_\_\_\_ to \_\_\_\_\_ feet

from \_\_\_\_\_ to \_\_\_\_\_ feet

from \_\_\_\_\_ to \_\_\_\_\_ feet

CASE SIZE: 6 1/4 inches from 0 to 47 feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER: Color \_\_\_\_\_ Taste \_\_\_\_\_

Odor \_\_\_\_\_ Temp. \_\_\_\_\_ °F

WELL TO SUPPLY: (check one) Home X

Farm \_\_\_\_\_ Town \_\_\_\_\_ School \_\_\_\_\_

Industry \_\_\_\_\_ Other \_\_\_\_\_

GROUTING: Method \_\_\_\_\_

Material \_\_\_\_\_ Depth \_\_\_\_\_ feet

PUMP: Type \_\_\_\_\_

Capacity \_\_\_\_\_ gal. per min

Depth of intake \_\_\_\_\_ feet

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

DRILL CUTTINGS SAVED: Yes 6 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: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

VIRGINIA DIVISION OF MINERAL RESOURCES  
 Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

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Well Repository No: C- 333 W-2438

Date rec'd: 2/3/69

Sample Interval: from 0 to: 172'

PROPERTY: B. G. Shephard

Number of samples: 6

COMPANY: Moore Well Drilling, Inc.

Total Depth: 172'

COUNTY: Campbell (Lynchburg)

Oil or Gas: Water:XExploratory:

From-To	From-To	From-To	From-To
0 - 47	-	-	-
47 - 55	-	-	-
55 - 112	-	-	-
112 - 155	-	-	-
155 - 160	-	-	-
160 - 172	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
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-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Unwashed samples only; not enough to split.

OWNER: B. G. Shephard  
DRILLER: Moore Well Drilling, Inc.  
COUNTY: Campbell (Lynchburg)

W-2438  
C- 333  
TOTAL DEPTH - 172'

GEOLOGIC LOG

Depth  
in feet

0-47	Chlorite schist — brownish-gray, phyllitic, weathered; chlorite, sericite, quartz and graphite (?)
47-55	Chlorite-graphite schist — dark metallic gray; minor amount of pyrite
55-112	" quartzose
112-155	" primary and secondary foliation directions
155-160	Vein quartz — white, clear; with a few fragments of calcareous amphibole schist
160-172	Amphibole schist — dark greenish-gray, pyritic, calcareous; actinolite, feldspar, quartz and calcite; trace of white vein quartz

GEOLOGIC SUMMARY

Rock Unit

Age

Lynchburg Formation (?)

Precambrian

Virginia Division of Mineral Resources  
T. M. Gathright, Geologist  
February 4, 1969