

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

B-3667
Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Russell Shanabeger Mailing Address: RFD 2, P. O. Box 411 7A

TENANT: _____ Mailing Address: Lynchburg, Va.

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

WELL LOCATION: County Campbell Approx. 3 ~~feet~~ ^{miles} south (direction) of
Lynchburg and 75 ~~miles~~ ^{feet} southeast (direction) of St. Rd. 677

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

DATE STARTED: 12/17/68 DATE COMPLETED: 12/18/68

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 197 feet

WATER LEVEL: Stands 70 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method air lift

Drawdown _____ feet

Rate 4 gal. per min.

Duration _____ hrs., _____ min.

HOLE SIZE: 9 inches from 0 to 104 feet

6 inches from 104 to 197 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 104 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

WATER ANALYSIS AVAILABLE: Yes _____ No X

Capacity _____ gal. per min

DRILL CUTTINGS SAVED: Yes 3 No _____

Depth of intake _____ feet

(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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C- 340
 Well Repository No: W-2435

Date rec'd: 2/3/69

Sample Interval: from 0 to: 197'

PROPERTY: R. Shanabeger

Number of samples: 3

COMPANY: Moore Well Drilling, Inc.

Total Depth: 197'

COUNTY: Campbell (Lynchburg)

Oil or Gas: Water ~~X~~Exploratory:

| From-To | From-To | From-To | From-To |
|-----------|---------|---------|---------|
| 0 - 104 | - | - | - |
| 104 - 122 | - | - | - |
| 122 - 197 | - | - | - |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
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| - | - | - | - |
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| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |

Unwashed samples only; not enough to split.

OWNER: Russell Shananbeger
DRILLER: Moore Well Drilling, Inc.
COUNTY: Campbell (Lynchburg)

W-2435
C- 340
TOTAL DEPTH - 197'

GEOLOGIC LOG

Depth
in feet

| | |
|---------|--|
| 0-104 | Saprolite — reddish-tan, weathered and iron-oxide stained, fine grained, quartz, feldspar, clay and mica (?) |
| 104-122 | Phyllite and vein quartz — tan; weathered and iron-oxide stained vein quartz with partially weathered and iron-oxide stained phyllite; phyllite is aphanitic, foliated, micaceous; sericite, chlorite, feldspar and quartz |
| 122-197 | Quartzite — gray; very fine grained, calcareous, sheared; quartz, with traces of dark minerals |

GEOLOGIC SUMMARY

| | <u>Rock Unit</u> | <u>Age</u> |
|----------|--------------------|--------------|
| 0-104' | Saprolite | — |
| 104-197' | Evington Group (?) | Cambrian (?) |

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