

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-2394
C- 323

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: W. Cliff Phillips Mailing Address: Box 469, Altavista, Virginia

TENANT: _____ Mailing Address: _____

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

WELL LOCATION: County Campbell Approx. 1 1/2 ~~miles~~ ^{XXXX} miles south (direction) of
Lynch Station and 500 ~~miles~~ ^{feet} west (direction) of St. Rd. 626

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

DATE STARTED: 4/30/68 DATE COMPLETED: 4/30/68

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 128 feet

WATER LEVEL: Stands 52 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method air lift
Drawdown _____ feet
Rate 15 gal. per min.
Duration _____ hrs., _____ min.

HOLE SIZE: 9 inches from 0 to 92 feet
6 inches from 92 to 128 feet
_____ inches from _____ to _____ feet

WATER ZONES: from _____ to _____ 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: _____ inches from 0 to 92 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 7 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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C-323
Well Repository No: W-2394

Date rec'd: 1/14/69

Sample Interval: from 0 to: 128'

PROPERTY: W. Cliff Phillips

Number of samples: 7

COMPANY: Moore Well Drilling, Inc.

Total Depth: 128'

COUNTY: Campbell (Lynch Station)

Oil or Gas: Water:Exploratory:

From-To	From-To	From-To	From-To
0 - 92	-	-	-
92 - 105	-	-	-
105 - 110	-	-	-
110 - 112	-	-	-
112 - 115	-	-	-
115 - 120	-	-	-
120 - 128	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Unwashed samples only; not enough to split.

OWNER: W. Cliff Phillips
DRILLER: Moore Well Drilling, Inc.
COUNTY: Campbell (Lynch Station)

W-2394
C- 323
TOTAL DEPTH- 128'

GEOLOGIC LOG

Depth
in feet

0-92	Saprolite — light reddish-tan; mica and quartz, with minor amount of weathered phyllite fragments
92-105	Biotite gneiss — medium gray, weathered, brown and iron-oxide stained, well foliated; large amount of weathered mica schist; a few fragments of white vein quartz
105-110	Biotite gneiss — medium greenish-gray, well foliated very calcareous; quartz, feldspar, biotite and epidote, with trace of sericite and approximately 5% magnetite
110-112	"
112-115	Vein quartz — white, clear, trace of epidote; trace of epidotized, magnetite-rich biotite gneiss
115-120	Biotite gneiss (?) — light greenish-gray, very calcareous; quartz, feldspar, biotite, epidote and magnetite; trace of clear, white vein quartz
120-128	" only trace of epidote and less magnetite; non-calcareous

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-92'	Saprolite	—
92-128'	Mount Athos Formation (?)	Cambrian (?)

Virginia Division of Mineral Resources
T. M. Gathright, Geologist
January 16, 1969