

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: Lewis Frazer Mailing Address: Boonesville, Virginia

TENANT: _____ Mailing Address: _____

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

WELL LOCATION: County Albemarle Approx. 1/4 ~~xxx~~ miles south (direction) of Boonesville and 500 ^{feet} ~~xxx~~ west (direction) of St. Rd. 810

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

DATE STARTED: 6/11/68 DATE COMPLETED: 6/13/68

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 160 feet

WATER LEVEL: Stands 55 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method air lift
Drawdown _____ feet
Rate 1/2 gal. per min.
Duration _____ hrs., _____ min.

HOLE SIZE: 9 inches from 0 to 41 feet
6 1/4 inches from 41 to 160 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: 6 1/4 inches from 0 to 41 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

GROUTING: Method _____
Material _____ Depth _____ feet

WATER ANALYSIS AVAILABLE: Yes _____ No X

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

DRILL CUTTINGS SAVED: Yes 10 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

C-1047

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Well Repository No: W-2396

Date rec'd. 1/14/69

Sample Interval: from 0 to:160'

PROPERTY: Lewis Frazer

Number of samples: 10

COMPANY: Moore Well Drilling, Inc.

Total Depth: 160'

COUNTY: Albemarle (Boonesville)

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

From-To	From-To	From-To	From-To
0 - 41	-	-	-
41 - 55	-	-	-
55 - 72	-	-	-
72 - 75	-	-	-
75 - 100	-	-	-
100 - 110	-	-	-
110 - 125	-	-	-
125 - 135	-	-	-
135 - 144	-	-	-
144 - 160	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Unwashed samples only; not enough to split.

OWNER: Lewis Frazer
 DRILLER: Moore Well Drilling, Inc.
 COUNTY: Albemarle (Boonesville)

W-2396
 C-1047
 TOTAL DEPTH - 160'

GEOLOGIC LOG

Depth
 in feet

0-41	Saprolite — light tan, weathered and iron-oxide stained, fine grained fragments of quartz, clay, feldspar and dark aphanitic, minerals
41-55	Sheared ^{charnokite} quartzite — tan and gray, partially weathered and iron-oxide stained; sheared and saussuritized; very fine to medium grained; feldspar and quartz, with traces of ferromagnesium minerals and chlorite
55-72	"
72-75	"
75-100	" light gray to greenish-gray; unweathered
100-110	" "
110-125	" "
125-135	" "
135-144	Sheared ^{charnokite} quartzite — light green, iron-oxide stained; sheared and saussuritized; very fine to medium grained; feldspar and quartz, with traces of ferromagnesium minerals and chlorite; epidote-rich
144-160	" light gray

GEOLOGIC SUMMARY

<u>Depth</u>	<u>Rock Unit</u>	<u>Age</u>
0-41'	Saprolite	—
41-160'	Swift Run Formation "Pedlar"	Late Precambrian

Virginia Division of Mineral Resources
 Robert G. Willson, Geologist
 January 17, 1969

JLS - 9/75