

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-2395
C- 48

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

Box 3667
Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Enos M. Schrock Mailing Address: Rochelle, Virginia

TENANT: Well #1 Mailing Address: _____

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

WELL LOCATION: County Madison Approx. 1 1/2 ^{text} miles west (direction) of
Madison Mills and 1000 ^{feet} ~~yards~~ south (direction) of St. Rd. 620

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

DATE STARTED: 4/5/68 DATE COMPLETED: 4/5/68

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 171 feet

WATER LEVEL: Stands 50 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 43 feet

6 inches from 43 to 171 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: _____ inches from 0 to 43 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

WATER: Color _____ Taste _____

Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home

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

DRILL CUTTINGS SAVED: Yes 9 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: _____

(LOG OF WELL) OVER

OWNER: Enos M. Schrock, Well #1
DRILLER: Moore Well Drilling, Inc.
COUNTY: Madison (Madison Mills)

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TOTAL DEPTH- 171'

GEOLOGIC LOG

Depth
in feet

0-43	Saprolite — tan, sandy, micaceous clay
43-60	Metamorphosed graywacke — medium brownish-gray, with quartz, feldspar, biotite, muscovite and sericite
60-65	"
65-74	" slightly calcareous
74-100	" "
100-121	" "
121-135	" "
135-155	" "
155-171	" "

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-43'	Saprolite	—
43-171'	Lynchburg Formation	Precambrian

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