

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

C-1439
W-2406

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: J. H. Williams Mailing Address: Charlottesville, Va.

TENANT: Jefferson Village Mailing Address: Proffit, Va.

DRILLER: C. R. Moore Well Drilling Co. Mailing Address: Charlottesville, Va.

WELL LOCATION: County Albemarle Approx. 1 1/2 ^{feet} ~~miles~~ northwest (direction) of Proffit
and 100 ^{feet} ~~miles~~ south (direction) of St. Road 649

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

DATE STARTED: August 1968 DATE COMPLETED: August 1968

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 195 feet

WATER LEVEL: Stands 40 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method air lift

Drawdown 150 feet

Rate 40 gal. per min.

Duration 2 hrs., 0 min.

WATER ZONES: from 120 to 130 feet

from 150 to 160 feet

from _____ to _____ feet

WATER: Color clear Taste irony

Odor none Temp. ? °F

WELL TO SUPPLY: (check one) Home _____

Farm _____ Town _____ School _____

Industry _____ Other subdivision

WATER ANALYSIS AVAILABLE: Yes _____ No _____

DRILL CUTTINGS SAVED: Yes X 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: _____

HOLE SIZE: 10 inches from 0 to 95 feet

6 1/4 inches from 95 to 195 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: 6 inches from +1 to 95 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

GROUTING: Method pumped by hand

Material cement Depth 95 feet

PUMP: Type _____

Capacity _____ gal. per min

Depth of intake _____ feet

OWNER: Jefferson Village Subdivision
DRILLER: C. R. Moore Well Drilling Co.
COUNTY: Albemarle (Proffit)

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TOTAL DEPTH: 195'

GEOLOGIC LOG

Depth
in feet

0-80	No samples
80-100	Biotite gneiss — medium brownish-gray, fine grained, poorly sorted, micaceous; quartz, feldspar, biotite and muscovite; iron-oxide stained, slightly weathered
100-110	Biotite gneiss — medium gray, fine grained, poorly sorted, micaceous
110-120	"
120-130	"
130-140	"
140-150	"
150-160	"
160-170	" with trace of pyrite
170-180	" "
180-195	"

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-80'	No samples	—
80-195'	Lynchburg Formation	Precambrian

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