

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-2380
C- 482

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. T. Kesler Drilling Co. Mailing Address: Route 4, Roanoke, Va.

TENANT: Mack Dickerson Mailing Address: _____

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

WELL LOCATION: County Roanoke Approx. feet miles east edge (direction) of
Roanoke and 1 ~~xxxx~~ miles north (direction) of St. Rt. 116

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

DATE STARTED: 7/25/68 DATE COMPLETED: 7/26/68

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 222 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 gal. per min.
Duration _____ hrs., _____ min.

HOLE SIZE: 9 inches from 0 to 65 feet
6 inches from 65 to 222 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 65 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 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: _____

OWNER: J. T. Kesler Drilling Co. (Mack Dickerson)
DRILLER: Moore Well Drilling, Inc.
COUNTY: Roanoke (Roanoke)

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TOTAL DEPTH-222'

GEOLOGIC LOG

Depth
in feet

0-65	Saprolite — light tan clay with small amounts of biotite, quartz, and mica
65-80	"
80-85	Vein quartz — light yellowish-tan and white; trace of biotite gneiss or schist
85-100	No sample
100-110	Vein quartz — light yellowish-tan and white; trace of biotite gneiss or schist
110-125	Brecciated granite — dark gray and yellowish-tan; quartz, feldspar, biotite; large amounts of vein quartz, iron-oxide stains, and limonite
125-145	"
145-160	Biotite granite — very dark gray; brecciated
160-190	"
190-222	Hypersthene granodiorite — medium greenish-gray, coarse grained; quartz, feldspar, and hypersthene, with traces of biotite, garnet, and pyrite

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-80'	Saprolite	—
80-222'	Pedlar Formation	Precambrian

Virginia Division of Mineral Resources
T. M. Gathright, Geologist
January 15, 1969