

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

C-37
W-2407

MAILING ADDRESS:

Box 3667
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: W. F. & J. F. Bishop, Contractors Mailing Address: Charlottesville, Va.

TENANT: Saponi Subdivision Mailing Address: Ruckersville, Va.

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

WELL LOCATION: County Greene Approx. 12 ^{feet}/_{miles} north (direction) of Charlottesville and 500 ^{feet}/_{miles} east (direction) of U. S. Hwy. 29

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

DATE STARTED: Dec. 20, 1968 DATE COMPLETED: Dec. 30, 1968

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 400 feet

WATER LEVEL: Stands 18 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.

WATER ZONES: from 30 to 40 feet
from _____ to _____ feet
from _____ to _____ feet

WATER: Color _____ Taste _____
Odor _____ 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: * Well abandoned; Casing pulled and hole filled in

HOLE SIZE: 8 inches from 0 to 30 feet
6 inches from 30 to 400 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 30 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

GROUTING: Method _____
Material _____ Depth _____ feet

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

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INTERVAL SHEET

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Well Repository No: W-2407

Date rec'd: 1/15/69

Sample Interval: from 40 to: 400'

PROP: Saponi Subdivision, Well #1

Number of samples: 36

COMP: C. R. Moore Well Drilling Co.

Total Depth: 400'

COUNTY: Greene (Ruckersville)

Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To
No samples	330 - 340	-	-
40 - 50	340 - 350	-	-
50 - 60	350 - 360	-	-
60 - 70	360 - 370	-	-
70 - 80	370 - 380	-	-
80 - 90	380 - 390	-	-
90 - 100	390 - 400	-	-
100 - 110	-	-	-
110 - 120	-	-	-
120 - 130	-	-	-
130 - 140	-	-	-
140 - 150	-	-	-
150 - 160	-	-	-
160 - 170	-	-	-
170 - 180	-	-	-
180 - 190	-	-	-
190 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
250 - 260	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 290	-	-	-
290 - 300	-	-	-
300 - 310	-	-	-
310 - 320	-	-	-
320 - 330	-	-	-

All intervals have both washed and unwashed intervals.

OWNER: Saponi Subdivision, Well #1
DRILLER: C. R. Moore Well Drilling Co.
COUNTY: Greene (Ruckersville)

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TOTAL DEPTH- 400'

GEOLOGIC LOG

Depth
in feet

0-40	No samples
40-50	Granite gneiss — slightly weathered, light greenish-gray, fine grained; quartz, saussuritized feldspar, and very fine, dark ferromagnesian minerals
50-60	Granite gneiss — light yellowish-gray, fine grained, calcareous; quartz, saussuritized feldspar, muscovite, and trace of garnet
60-70	"
70-80	"
80-90	"
90-100	Granite — very light yellowish-gray, calcareous, very coarse grained, graphic texture; quartz, feldspar, and trace of mica; small amount of granite gneiss
100-110	" very calcareous
110-120	" "
120-130	" "
130-140	Granite — very light yellowish-gray, calcareous, very coarse grained, graphic texture; quartz, feldspar, and traces of pyrite veination and mica; small amounts of syenite and granite gneiss
140-150	Amphibolite and syenite (?) — black, fine grained amphibolite and very light yellow, very fine grained, slightly calcareous syenite
150-160	Amphibolite — black, fine grained hornblende with small amount of feldspar; traces of syenite and pyrite
160-170	"

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170-180	Amphibolite — black, fine grained hornblende with small amount of feldspar; traces of syenite and pyrite
180-190	"
190-200	Granite — light pinkish-gray, coarse grained with large amount of hornblende
200-210	Hornblende gneiss or hornblende granite — light gray; quartz, feldspar, hornblende, calcite, and pyrite; a few fragments of amphibolite
210-220	"
220-230	Hornblende granite — dark gray, light greenish-gray, and pale pink; coarsely crystalline; quartz, saussuritized feldspar, hornblende, and traces of pyrite and garnet; slightly calcareous
230-240	"
240-250	"
250-260	"
260-270	"
270-280	"
280-290	"
290-300	"
300-310	"
310-320	"
320-330	"
330-340	"
340-350	"
350-360	"
360-370	"

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370-380	Hornblende granite — dark gray, light greenish-gray, and pale pink; coarsely crystalline; quartz, saussuritized feldspar, hornblende, and traces of pyrite and garnet; slightly calcareous
380-390	"
390-400	"

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-40'	No samples	—
40-400'	Robertson River Formation	Precambrian

Virginia Division of Mineral Resources
T. M. Gathright, Geologist
January 17, 1969