

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-2447
C- 216

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: Daniel Creek Water Works Mailing Address: Collinsville, Virginia

TENANT: Well #10, behind school Mailing Address:

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

WELL LOCATION: County Henry Approx. 2 ~~xxx~~ miles northeast (direction) of Bassett and feet miles (direction) on St. Rd. 733

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

DATE STARTED: June 19, 1968 DATE COMPLETED: July 10, 1968

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 390 feet

WATER LEVEL: Stands 70 feet below surface OR

has NATURAL flow of gallons per minute.

YIELD TEST: Method air lift

Drawdown feet

Rate 45 gal. per min.

Duration 3 hrs., 0 min.

WATER ZONES: from 140 to 142 feet

from 375 to 380 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 X

DRILL CUTTINGS SAVED: Yes 38 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: very hard and abrasive rock; some dry seams encountered.

HOLE SIZE: 9 inches from 0 to 67 feet

5 13/16 inches from 67 to 180 feet
5 12/16 inches from 180 to 225 feet

5 9/16 inches from 225 to 390 feet

SCREEN SIZE: inches from to feet

 inches from to feet

 inches from to feet

CASE SIZE: 6 inches from 0 to 67 feet

 inches from to feet

 inches from to feet

GROUTING: Method Poured (20 bags cement)

Material cement and water Depth 67 feet

PUMP: Type

Capacity gal. per min

Depth of intake feet

(LOG OF WELL) OVER

VIRGINIA DIVISION OF MINERAL RESOURCES
Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

Page 1 of 1	C- 216
Date rec'd: 2/4/69	Well Repository No: W-2447
PROPERTY: Daniel Creek Water Co., Well #10	Sample Interval: from 0 to: 390'
COMPANY: Moore Well Drilling, Inc.	Number of samples: 38
COUNTY: Henry (Bassett)	Total Depth: 390'
	Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To
0 - 10	250 - 260	-	-
10 - 20	260 - 270	-	-
20 - 30	270 - 280	-	-
30 - 40	280 - 290	-	-
40 - 50	290 - 300	-	-
50 - 60	300 - 310	-	-
60 - 70	310 - 320	-	-
70 - 80	-	-	-
80 - 90	330 - 340	-	-
90 - 100	340 - 350	-	-
100 - 110	350 - 360	-	-
110 - 120	360 - 370	-	-
120 - 130	370 - 380	-	-
130 - 140	380 - 390	-	-
140 - 150	-	-	-
150 - 160	-	-	-
160 - 170	-	-	-
170 - 180	-	-	-
180 - 190	-	-	-
190 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-

Unwashed samples only; not enough to split.

OWNER: Daniel Creek Water Co., Well #10
DRILLER: Moore Well Drilling, Inc.
COUNTY: Henry (Bassett)

W-2447
C- 216
TOTAL DEPTH - 390'

GEOLOGIC LOG

Depth
in feet

0-10	Saprolite — light brownish-gray; fine quartz sand, weathered biotite, sericite and feldspar
10-20	"
20-30	"
30-40	"
40-50	"
50-60	"
60-70	" with fragments of weathered granite
70-80	Granite — light gray, fine grained, equa-granular; quartz, feldspar, biotite and muscovite; large amount of pulverized, weathered granite
80-90	" with a few pink garnets
90-100	" "
100-110	Granite — light gray, fine grained, equa-granular, foliated, weathered; quartz, feldspar, biotite, muscovite, chlorite, and garnet; trace of pyrite
110-120	"
120-130	"
130-140	" with large amounts of biotite, garnet, and pyrite
140-150	" very garnetiferous
150-160	"
160-170	"

OWNER: Daniel Creek Water Co., Well #10

W-2447

170-180	Granite — light gray, fine grained, equa-granular, foliated, weathered; quartz, feldspar, biotite, muscovite, chlorite, and garnet; trace of pyrite
180-190	"
190-200	"
200-210	"
210-220	"
220-230	" with large amount of sericite
230-240	"
240-250	"
250-260	"
260-270	"
270-280	"
280-290	Granite — light gray and medium gray, equa-granular; quartz, feldspar, biotite, muscovite and trace of pyrite
290-300	" almost white
300-310	" medium gray (due to high percentage of micas and trace of garnet)
310-320	" "
320-330	No sample
330-340	Granite — light gray, fine grained, equa-granular; quartz, feldspar, biotite, muscovite, garnet, and trace of pyrite
340-350	" medium pinkish-gray (due to high percentage of garnet)
350-360	" "

OWNER: Daniel Creek Water Co., Well #10

W-2447

360-370	Granite — medium pinkish-gray, fine grained, equa-granular; quartz, feldspar, biotite, muscovite, large amount of garnet, and trace of pyrite
370-380	"
380-390	" weathered; iron-oxide and manganese stained; many slickensides

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-70'	Saprolite	—
70-390'	Granite	Precambrian

Virginia Division of Mineral Resources
T. M. Gathright, Geologist
February 11, 1969