

OWNER: Commonwealth of Virginia  
(Patrick Henry College, Well #1)  
DRILLER: Falwell Well Corporation  
COUNTY: Henry (Martinsville)

VDMR: 2002  
WWCR: 190  
TOTAL DEPTH: 400'

GEOLOGIC LOG

Depth in feet

0-10 Saprolite - brown, fine-grained to pebble-size pieces of rounded to angular schist, vein quartz and granite; minor clay and silt; iron-oxide stains

LEATHERWOOD GRANITE FORMATION (10-60')

10-20 Biotite granite - light tan-gray, fine- to coarse-grained, holocrystalline; feldspar, quartz, biotite, and trace of pyrite

20-30 "

30-40 "

40-50 "

50-60 "

WISSAHICKON FORMATION (60-400')

60-70 Biotite gneiss - very dark-gray, very fine-grained, phaneritic to aphanitic, holocrystalline; quartz, biotite and feldspar; slightly-calcareous

70-80 "

80-90 Biotite-hornblende-gneiss - very dark-gray, fine-grained, phaneritic, lineated; quartz, biotite, feldspar, hornblende, chlorite; trace of pyrite; slightly calcareous

90-100 "

100-110 Hornblende-biotite-gneiss - very dark-gray, fine- to medium-grained, phaneritic, lineated; quartz, hornblende, biotite, feldspar, chlorite and trace of pyrite; slightly calcareous

110-120 "

120-130 "

130-140 "

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140-150	Hornblende-biotite-gneiss - very dark-gray, fine-to medium-grained, phaneritic, lineated; quartz, hornblende, biotite, feldspar, chlorite and trace of pyrite; slightly calcareous
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	"
330-340	"
340-350	"
350-360	"
360-370	"

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370-380      Hornblende-biotite-gneiss - very dark-gray, fine- to medium-grained, phaneritic, lineated; quartz, hornblende, biotite, feldspar, chlorite and trace of pyrite; slightly calcareous

380-390      "

390-400      "

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-10'	Saprolite	
10-60'	Leatherwood Granite	Late Paleozoic
60-400'	Wissahickon Formation	Early Paleozoic (?)

Virginia Division of Mineral Resources  
 Robert G. Willson, Geologist  
 November 27, 1967

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

VDMR - 2002  
WWCR - 190

MAILING ADDRESS:

B 3667  
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:

McCormick Road  
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Commonwealth of Virginia Mailing Address: U. Va., Charlottesville, Virginia

TENANT: Patrick Henry College, Well #1 Mailing Address: Martinsville, Virginia

DRILLER: Falwell Well Corporation Mailing Address: P.O. Box 937, Lynchburg, Va.

WELL LOCATION: County Henry Approx. 1 <sup>feet</sup>/<sub>miles</sub> north (direction) of  
Martinsville, Va. and \_\_\_\_\_ <sup>feet</sup>/<sub>miles</sub> (direction) of \_\_\_\_\_

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

DATE STARTED: 6/15/67 DATE COMPLETED: 6/22/67

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 400 feet

WATER LEVEL: Stands 60 feet below surface OR  
has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method \_\_\_\_\_  
Drawdown \_\_\_\_\_ feet  
Rate 1/4 gal. per min.  
Duration \_\_\_\_\_ hrs., \_\_\_\_\_ min.

HOLE SIZE: 6 inches from 0 to 400 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER ZONES: from 23 to 24 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 inches from 0 to 24 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WELL TO SUPPLY: (check one) Home \_\_\_\_\_  
Farm \_\_\_\_\_ Town \_\_\_\_\_ School X  
Industry \_\_\_\_\_ Other \_\_\_\_\_

GROUTING: Method \_\_\_\_\_  
Material \_\_\_\_\_ Depth \_\_\_\_\_ feet

WATER ANALYSIS AVAILABLE: Yes \_\_\_\_\_ No X

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

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: Abandoned, casing pulled

INTERVAL SHEET

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VDMR Well No: 2002

Date rec'd: 9/11/67

Sample Interval: from 0 to 400'

PROP: Comm. of Va. (Patrick Henry College #1)

Number of samples: 40

COMP: Falwell Well Corporation

Total Depth: 400'

COUNTY: Henry (Martinsville)

Oil or Gas: Water<sup>X</sup> Exploratory:

From-To	From-To	From-To	From-To
0 - 10	300 - 310	-	-
10 - 20	310 - 320	-	-
20 - 30	320 - 330	-	-
30 - 40	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	-	-	-

All intervals have both washed and unwashed samples.