

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

B-3667
Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: H. H. Tiffany Mailing Address: Route 1 Crozet, Va.

TENANT: Subdivision Mailing Address: _____

DRILLER: Falwell Well Corporation Mailing Address: 3900 Campbell Ave. Lynchburg, Va.

WELL LOCATION: County Albemarle Approx. 16 ~~feet~~ ^{miles} West (direction) from of
Charlottesville and 1/2 ~~feet~~ ^{miles} East (direction) of Greenwood, Va.

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

DATE STARTED: 1/22/70 DATE COMPLETED: 2/11/70

TYPE OF DRILL RIG USED: rotary TOTAL DEPTH 550 feet

WATER LEVEL: Stands 50 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method air

Drawdown 485 feet

Rate 7 gal. per min.

Duration 7 hrs., _____ min.

WATER ZONES: from 160 to 210 feet

from 340 to 360 feet

from _____ to _____ feet

WATER: Color Clear Taste _____

Odor None Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____

Farm _____ Town _____ School _____

Industry _____ Other Subdivision

WATER ANALYSIS AVAILABLE: Yes _____ No X

DRILL CUTTINGS SAVED: Yes 53 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: Hard area to get water.

HOLE SIZE: 10 inches from 0 to 53 feet

6 inches from 53 to 550 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: 6 ^{19.45 #} inches from 0 to 53 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

GROUTING: Method poured
cement & water

Material _____ Depth 53 feet

PUMP: Type _____

Capacity _____ gal. per min

Depth of intake _____ feet

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 Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

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Well Repository No.: C-;465
 W- 2823

Date rec'd: 4/8/70 Date Processed: 5/8/70

Sample Interval: from 0 to: 550

PROPERTY: H. Tiffany Dev't #4

Number of samples: 53

COMPANY: Felwell Well Corp.

Total Depth: 550

COUNTY: Albemarle (Greenwood)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To	From-To
0 - 10	-	-	-	-
10 - 20	-	-	-	-
20 - 30	360 - 370	-	-	-
30 - 40	370 - 380	-	-	-
40 - 50	380 - 390	-	-	-
	390 - 400	-	-	-
50 - 60	400 - 410	-	-	-
60 - 70	410 - 420	-	-	-
70 - 80	420 - 430	-	-	-
80 - 90	430 - 440	-	-	-
90 - 100	440 - 450	-	-	-
100 - 110	450 - 460	-	-	-
110 - 120	460 - 470	-	-	-
120 - 130	470 - 480	-	-	-
130 - 140	480 - 490	-	-	-
140 - 150	490 - 500	-	-	-
150 - 160	500 - 510	-	-	-
160 - 170	510 - 520	-	-	-
170 - 180	520 - 530	-	-	-
180 - 190	530 - 540	-	-	-
190 - 200	540 - 550	-	-	-
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	-	-	-	-
-	-	-	-	-

All intervals have both washed and unwashed samples.

OWNER: H. Tiffany Dev #4 W - 2823
 DRILLER: Falwell C - 1465
 COUNTY: Albemarle T.D. - 550'

Geologic Log

Depth
(feet)

0 - 10 Saprolite, feldspar and limonite rich, with some quartz and rock fragments.
 10 - 20 Greenish grey rock, with quartz, feldspar, amphibole and biolite/muscovite. Granitic texture with some indication of gneissic fabric.
 290 - 300 " massive feldspar and quartz, some limonite stained mineral - looks like small garnets
 300 - 540 "
 540 - 550 Quartz-feldspar and biotite are the most prevalent mineral species, hornblende is less prevalent. In quartz fragments there are minute flecks of pyrite.

Geologic Summary

Rock Unit	Age
0 - 10 Saprolite	
10 - 550 "Pedlar" Formation	<u>Precambrian</u>

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John L. Sullivan, Geologist
8/22/75