

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

Box 3667

JAMES L. CALVER, COMMISSIONER

McCormick Road

Charlottesville, VA 22903

WATER WELL COMPLETION REPORT

Charlottesville, Virginia

OWNER: Planned Neighborhood, Inc. Mailing Address: P. O. Box 464-Smithfield, VA

TENANT: Timber Ridge Sub., Well #4 Mailing Address:

DRILLER: Falwell Well Corp. Mailing Address: P. O. Box 937, Lynchburg, VA

WELL LOCATION: County Bedford Approx. 5 miles east (direction) of Bedford and 2 miles north (direction) of St. Rd. 297

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

DATE STARTED: 8/24/71 DATE COMPLETED: 8/24/71

TYPE OF DRILL RIG USED: Air Rotary TOTAL DEPTH 110 feet

WATER LEVEL: Stands 20 feet below surface OR has NATURAL flow of gallons per minute.

YIELD TEST: Method air Drawdown 80 feet Rate 26 gal. per min. Duration 25 hrs., 0 min.

HOLE SIZE: 10 inches from 0 to 100 feet 6 inches from 100 to 110 feet SCREEN SIZE: inches from to feet

WATER ZONES: from 100 to 105 feet from to feet from to feet

CASE SIZE: 6 inches from 0 to 100 feet (19.45#/ft.) inches from to feet

WATER: Color clear Taste good Odor none Temp. °F

GROUTING: Method Poured Material cement & water Depth 100 feet

WELL TO SUPPLY: (check one) Home Farm Town School Industry Other Subdivision

PUMP: Type Capacity gal per min Depth of intake feet

WATER ANALYSIS AVAILABLE: Yes No X

DRILL CUTTINGS SAVED: Yes 10 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.)

MARKS:





OWNER: Planned Neighborhood Inc.  
(Timber Ridge Sub., Well #4)  
DRILLER: Falwell Well Corp.  
COUNTY: Bedford (Lowry)

W-3251  
C-235  
T. D. -110'

GEOLOGIC LOG

Depth  
(feet)

0-10	Saprolite – iron-oxide stained mica schist or phyllite and vein quartz; some red clay
10-20	Saprolite – bronze-colored, weathered sericite schist or phyllite; some vein quartz
20-30	"
30-40	" with flakes of biotite
40-50	" "
50-60	" with fragments of biotite gneiss
60-70	Biotite gneiss – black and white, schistose; with quartz, feldspar, biotite and chlorite; minor amounts of vein quartz and weathered biotite gneiss
70-80	" no weathered material
80-90	" "
90-100	" with considerable amount of weathered material
100-110	No sample

GEOLOGIC SUMMARY

<u>Depth (ft.)</u>	<u>Rock Unit</u>	<u>Age</u>
0-60	Saprolite	–
60-100	Moneta Gneiss?	Precambrian

Virginia Division of Mineral Resources  
Thomas M. Gathright, Geologist  
September 27, 1971