

OWNER: E. R. English
(Housing Development, Well #4)
DRILLER: Falwell Well Corporation
COUNTY: Bedford (Huddleston)

VDMR: 2054
WWCR: 169
TOTAL DEPTH: 300'

GEOLOGIC LOG

Depth in feet

0-10	Schistose-biotite-gneiss - tan; weathered; very micaceous; quartz, feldspar, biotite, muscovite; (sample ground to fine sand during drilling)
10-20	"
20-30	"
30-40	"
40-50	"
50-60	"
60-70	"
70-80	" grayish-tan; less weathered
80-90	" "
90-100	Biotite-gneiss - gray to dark-gray, fine-grained, lineated; quartz, feldspar, biotite, and trace of muscovite
100-110	"
110-120	"
120-130	"
130-140	"
140-150	"
150-160	" with a few fragments of amphibolite
160-170	" "
170-180	" "
180-190	" "

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190-200	Biotite-gneiss - gray to dark-gray, fine-grained, lineated, quartz, feldspar, biotite, and trace of muscovite; with a few fragments of amphibolite
200-210	Biotite-gneiss - gray to dark-gray, fine-grained, lineated, quartz, feldspar, biotite, and trace of muscovite; trace of garnet
210-220	"
220-230	"
230-240	"
240-250	"
250-260	"
260-270	"
270-280	"
280-290	" 30% of sample is hornblende amphibolite
290-300	" minor amount of hornblende amphibolite

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-300'	Lynchburg Formation	Precambrian

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
December 6, 1967

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

VDMR - 2054
WWCR - 169

MAILING ADDRESS:
P.O. 3667
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES
JAMES L. CALVER, COMMISSIONER
WATER WELL COMPLETION REPORT

OFFICE ADDRESS:
McCormick Road
Charlottesville, Virginia

OWNER: E. R. English Mailing Address: Altavista, Virginia

TENANT: Housing Development, Well #4 Mailing Address: _____

DRILLER: Falwell Well Corporation Mailing Address: Box 937, Lynchburg, Virginia

WELL LOCATION: County Bedford Approx. 10 ^{feet} ~~miles~~ southwest (direction) of
Huddleston and 2,000 ^{feet} ~~miles~~ from (direction) of St. Rd. 626

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

DATE STARTED: 10/17/67 DATE COMPLETED: 10/23/67

TYPE OF DRILL RIG USED: Air Rotary TOTAL DEPTH 300 feet

WATER LEVEL: Stands 80 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Air
Drawdown 180 feet
Rate 20 gal. per min.
Duration 6 hrs., 0 min.

HOLE SIZE: 10 inches from 0 to 90 feet
6 inches from 90 to 300 feet
_____ inches from _____ to _____ feet

WATER ZONES: from 260 to 280 feet
from _____ to _____ feet
from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WATER: Color Clear Taste Good
Odor None Temp. _____ °F

CASE SIZE: 6 inches from 0 to 90 feet
Weight: 19.45# per ft.
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

GROUTING: Method Poured
Material Cement and Water 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: _____

INTERVAL SHEET

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VDMR Well No: 2054

Date rec'd: 11/30/67

Sample Interval: from 0 to: 300'

PROP: E. R. English, Well #4

Number of samples: 30

COMP: Falwell Well Corporation

Total Depth: 300'

COUNTY: Bedford (Huddleston)

Oil or Gas: Water~~X~~ Exploratory:

From-To	From-To	From-To	From-To
0 - 10	-	-	-
10 - 20	-	-	-
20 - 30	-	-	-
30 - 40	-	-	-
40 - 50	-	-	-
50 - 60	-	-	-
60 - 70	-	-	-
70 - 80	-	-	-
80 - 90	-	-	-
90 - 100	-	-	-
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.