

OWNER: Virginia Land Company
(Oak Hill Subdivision, Well #6)
DRILLER: Leazer Pump and Well Co.
COUNTY: Albemarle (Charlottesville)

VDMR: 2070
WWCR: 1032
TOTAL DEPTH: 300'

GEOLOGIC LOG

Depth in feet

0-10	Overburden - tan, iron-oxide stained; angular fragments of quartz, mica and gneiss, with a trace of clay
10-20	"
20-30	"
30-40	Saprolite - red-brown, iron-oxide stained; fragments of quartz, mica and biotite gneiss; clay
40-50	" less clay
50-60	" brown; no clay
60-70	" "
70-80	Biotite gneiss - gray, fine-grained, lineated to foliated; quartz, feldspar, biotite, and traces of muscovite and pyrite; minor coarse, crystalline feldspar and quartz included in some fragments
80-90	"
90-100	"
100-110	"
110-120	"
120-130	"
130-140	"
140-150	"
150-160	"
160-170	"
170-180	"

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- 180-190 Biotite gneiss - gray, fine-grained, lineated to foliated; quartz, feldspar, biotite, and traces of muscovite and pyrite; minor coarse, crystalline feldspar and quartz included in some fragments
- 190-200 "
- 200-210 "
- 210-220 "
- 220-230 "
- 230-240 "
- 240-250 "
- 250-260 "
- 260-270 "
- 270-280 Phyllite - gray, microcrystalline, foliated, micaceous, schistose; biotite, quartz, feldspar and muscovite
- 280-290 "
- 290-300 Biotite gneiss - gray, very fine-grained, lineated to foliated; quartz, feldspar, biotite, and trace of muscovite

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-30'	Overburden	
30-70'	Saprolite	Precambrian (?)
70-300'	Lynchburg Formation	Precambrian

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
December 28, 1967

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

B 3667
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

WATER WELL COMPLETION REPORT

OFFICE ADDRESS:

McCormick Road
Charlottesville, Virginia

OWNER: Va. Land Co. - Dr. Charles Hurt Mailing Address: Charlottesville, Virginia

TENANT: Oak Hill Subdivision, Well #6 Mailing Address: _____

DRILLER: Harold E. Leazer Mailing Address: Remington, Virginia

WELL LOCATION: County Albemarle Approx. 3000 ~~miles~~ ^{feet} south (direction) of _____
Charlottesville and 2000 ~~miles~~ ^{feet} south (direction) of St. Rd. 631

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

DATE STARTED: November 10, 1967 DATE COMPLETED: November 20, 1967

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

WATER LEVEL: Stands 25 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method air pumped
Drawdown _____ feet
Rate 12 gal. per min.
Duration 8 hrs., 0 min.

HOLE SIZE: 12 inches from 0 to 52 feet
6 1/2 inches from 52 to 87 feet
6 inches from 87 to 300 feet

WATER ZONES: from 56 to 57 feet
from 255 to 257 feet
from _____ to _____ feet

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

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

CASE SIZE: 6 inches from 0 to 52 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

GROUTING: Method Pressure Grout
Material Cement Depth 52 feet

WATER ANALYSIS AVAILABLE: Yes X No _____
DRILL CUTTINGS SAVED: Yes X No _____

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

(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: _____

LOG

FURNISHED BY: Leazer Pump and Well Co., Inc.

DATE: December 14, 1967

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	10	Brown dirt, some shale	
10	20	Brown dirt, some shale	
20	30	Brown dirt, some shale	
30	40	Red dirt, hard shale	
40	50	Red dirt, hard shale	
50	60	Hard shale, some granite	Water @ 56-57
60	70	Hard shale, some granite	
70	80	Flint, blue granite	
80	90	Flint, blue granite	
90	100	Quartzite, brown sandstone	
100	110	Quartzite, brown sandstone	
110	120	Flint, granite	
120	130	Granite	
130	140	Quartzite, granite	
140	150	Blue granite	
150	160	Blue granite	
160	170	Quartzite, granite	
170	180	Quartzite, granite	
180	190	Quartzite, granite	
190	200	Blue granite	
200	210	Blue granite	
210-	220	Blue granite	
220	230	Blue granite	
230	240	Blue granite	
240	250	Blue granite, some sandstone	
250	260	Blue granite, some sandstone	Water-bearing
260	270	Blue granite, some sandstone	
270	280	Blue granite	
280	290	Blue granite	
290	300	Granite	

INTERVAL SHEET

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VDMR Well No: 2070

Date rec'd: 12/19/67

Sample Interval: from 0 to: 300'

PROP: Va. Land Co. (Oak Hill Subdivision, Well #6)

Number of samples: 30

COMP: Leazer Pump and Well Co.

Total Depth: 300'

COUNTY: Albemarle (Charlottesville)

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.