

INTERVAL SHEET

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VDMR Well No: 2037

Date rec'd: 11/8/67

Sample Interval: from 0 to: 340'

PROP: Va. Land Company
(Oak Hill Subdivision, Well #5)

Number of samples: 33

COMP: Leazer Pump and Well Co.

Total Depth: 350'

COUNTY: Albemarle (Charlottesville)

Oil or Gas: Water: 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	-	-	-
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	-	-	-
-	-	-	-
250 - 260	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 290	-	-	-
290 - 300	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Virginia Land Co. (Oak Hill Sub., Well #5)
DRILLER: Leazer Pump and Well Company
COUNTY: Albemarle (Charlottesville)

VDMR: 2037
WWCR: 1031
TOTAL DEPTH: 350'

GEOLOGIC LOG

Depth in feet

0-10	Schist - red-brown, weathered, fine-grained; iron-oxide stained mica flakes, with minor amounts of quartz
10-20	"
20-30	" brown
30-40	" "
40-50	Biotite gneiss - brown, weathered, schistose; fine-grained, lineated, iron-oxide stained; biotite, quartz and feldspar
50-60	"
60-70	Biotite gneiss - gray, fine-grained, lineated to slightly foliated; feldspar, quartz and biotite
70-80	"
80-90	"
90-100	"
100-110	"
110-120	"
120-130	"
130-140	"
140-150	"
150-160	"
160-170	"
170-180	"
180-190	" sample contaminated

OWNER: Va. Land Co. (Oak Hill Sub., Well #5)

#2037

190-200 Biotite gneiss - gray, fine-grained, lineated to slightly foliated; feldspar, quartz and biotite, with trace of vein quartz

200-210 "

210-220 "

220-230 "

230-240 "

240-250 No sample

250-260 Biotite gneiss - gray, fine-grained, lineated to slightly foliated; feldspar, quartz and biotite with trace of vein quartz

260-270 "

270-280 "

280-290 " no vein quartz

290-300 " "

300-310 " "

310-320 " "

320-330 " "

330-340 " "

340-350 No sample

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-340 ^f	Charlottesville Formation	Precambrian
340-350 ^f	No Sample	

Note: Samples collected from some intervals less than 260 feet deep are contaminated by weathered material from shallower depths because casing had not been installed; this is particularly evident in samples from 180-260 feet.

Virginia Division of Mineral Resources
 Robert G. Willson, Geologist - December 7, 1967

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

VDMR - 2037
WWCR - 1031

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 #5 Mailing Address: _____

DRILLER: Leazer Pump and Well Supply Co., Inc. Mailing Address: Box 275 Remington, Va.

WELL LOCATION: County Albemarle Approx. 3,000 ^{feet}~~miles~~ south (direction) of _____
Charlottesville and 2,000 ^{feet}~~miles~~ 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: October 9, 1967 DATE COMPLETED: November 1, 1967

TYPE OF DRILL RIG USED: Rotary Air Drill TOTAL DEPTH 350 feet

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

YIELD TEST: Method Air pumped
Drawdown _____ feet
Rate 25 gal. per min.
Duration 8 hrs., _____ min.

HOLE SIZE: 12 inches from 0 to 52 feet
8 inches from 52 to 63 feet
6 1/8 inches from 63 to 350 feet

WATER ZONES: from 265 to 268 feet
from 278 to 279 feet
from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
CASE SIZE: 6 inches from 0 to 63 feet

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

_____ 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 _____ Depth 52 feet

WATER ANALYSIS AVAILABLE: Yes X No _____

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: _____

LOG

FURNISHED BY: Leazer Pump and Well Co., Inc. DATE: November 4, 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	Reddish brown dirt	
10	20	Reddish brown dirt	
20	30	BRown dirt	
30	40	Brown dirt	
40	50	Brown dirt some shale	
50	60	Brown dirt some shale	
60	70	Hd. Bn. shale, bluestone, granite	Note: From 60 to 260 feet brown shale may appear in samples. This is due to the fact that casing was not set until the depth of 260'.
70	80	Bluestone, brown shale	
80	90	Bluestone, granite, quartz	
90	100	Blue granite	
100	110	Granite, quartz	
110	120	Granite, quartz (mixed)	
120	130	Bluestone, granite, hard shale	
130	140	Blue granite, quartz	
140	150	Blue granite, quartz	
150	160	Blue granite, quartz	
160	170	Blue granite, quartz	
170	180	Blue granite, quartz	
180	190	Blue granite, quartz, hard brown sandstone	
190	200	Granite, quartz, sandstone	
200	210	Granite, quartz, sandstone	
210	220	Granite, quartz, sandstone	
220	230	Granite, quartz, sandstone	
230	240	Granite, quartz, sandstone	
240	250	Granite, quartz, sandstone	
250	260	Granite, quartz, sandstone	
260	270	Granite, quartz	Water-bearing
270	280	Granite, quartz	Water-bearing
280	290	Granite	
290	300	Granite	
300	310	Granite	
310	320	Granite	
320	330	Granite	
330	340	Granite	
340	350	Granite	