

INTERVAL SHEET

Page				VDMR WE	CLL I	NO. WELL	NO. 3	64
				Sample Int	terva	al: from E) to_	263
PROP: PROP: ALCOVA ASSOCIATES			Total Depth 263					
COMP: COMP: LEAZER COUNTY: ALBEMARLE		OilG	as	Water_	Explo	oratory		
		ELL # 364		Cuttings	V	Core	Other	
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Interval Sheet

Sheet No.

--- Cuttings

---- Core

--- Water Well

--- Gas Well

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Total Depth _____

OWNER: Alcova Assoc. #2

DRILLER: Leazer Pump & Well Co.
COUNTY Albemarle Co. (Key West Subdivision)

VDMR # 364

WWCR # 466

Depth: 263'

SAMPLE EXAMINATION (washed)

0-10	Yellow-brown sandy clay
10-20	Yellow-brown clay & Catoctin greenstone
20-30	Catoctin greenstone W/minor quartz veins
30-40	Catoctin greenstone
40-50	Missing
50-60	Catoctin greenstone
60=70	Catoctin greenstone, some light brown sandy flow material
70-80	Catoctin greenstone
80-90	Catoctin greenstone W/quartz veins, pyrite, and quartz fragments
90-100	As above
100-110	Missing
110-120	Catoctin greenstone w/quartz fragments
120-130	As above
130-140	Catoctin greenstone
140-150	Catoctin greenstone w/minor quartz veins, tourmaline crystals (?)
150-160	Catoctin greenstone w/minor quartz veins, tourmaline crystals (?)
160-170	Catoctin greenstone
170-180	As above
180-190	As above
190-200	As above, trace of specular hematite
200-210	Catoctin greenstone, trace pyrite & specular hematite

210-220	Catoctin greenstone, specular hematite, and calcite seams
220-230	Quartz, schist, trace of chlorite, specular hematite, pyrite, and larger calcite seams LYNCHBURG CONTACT © 220 approx.
230-240	Chlorite schist, specular hematite, calcite seams
240-250	Quartz chlorite schist, calcite seams, specular hematite
250-263	As above, fissures in rock contain small quartz crystals, light tan color.
263	Total Depth

GEOLOGIC SUMMARY

0-17	Top Soil
17-220	Catectin greenstone
220-7.0	Lynchburg formation

REMARKS

Well Yield: 200 plus gal/min, Pump Test: 137 gpm w/198'Dd after 268 hrs. Water Zones: 240-242, 260-262

Well was originally recommended. The well was subsequently Note: deepened to reach contact of Catactin and Lynchburg where water was obtained below 240 feet in large quantities.

> VIRGINIA DIVISION OF MINERAL RESOURCES H. R. Hopkins