INTERVAL SHEET

)								WWCR 289
Page	1					VDMR WELL NO.: We	11 No. 1153	
Date	10/14/64					Sample Interval:	from 0	to30
PROP:	Jack Harri	s (W	Vin	dsor Hills #3)		Total Depth 230		
COMP:	Falwell					OilGas	Water <u>X</u>	Exploratory
COUNTY:	Campbell	(L	yn	chburg)		Cuttings X Con	reOth	er
VDMR	WELL NO:	w-	. 11	53				
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OWNER: Jack Harris TENANT: Windsor Hills Subdivision #3 DRILLER: J. L. Eagle (Falwell) COUNTY: Campbell (Lynchburg) VDMR #1153 WWCR #289 TOTAL DEPTH: 230'

GEOLOGIC LOG

0-10	Overburden - medium gray to light brown shiny, medium grained, quartz, muscovite, biotite, feldspar, pyrite, with cream colored calcite quartz and pyrite vein material.
10-20	As above.
20-30	As above.
30-40	Quartz Mica Schist - light gray, shiny, medium grained, good foliation crenulated, quartz, muscovite, pyrite, minor biotite.
40-50	Quartz Mica Gneiss - light gray, shiny, medium grained, more quartz, muscovite, pyrite, biotite.
50-60	No sample.
60-70	Quartz Mica Gneiss - light gray, shiny, medium grained quartz, muscovite, biotite, and pyrite, mica rich layers have crumpled foliation, the pyrite occurs in the quartz rich layers.
70-80	As above - mica rich layers absent.
80-90	As above - with mica rich layers.
90-100	As above.
100-110	Quartz Mica Gneiss - medium gray, shiny, medium gray, more homogeneous than above, all layers show foliation crenulations, quartz, muscovite, graphite, potash feldspar, tremolite, biotite, minor pyrite and pyrrhotite. A small portion of this interval contains sufficient graphite to be almost black.
110-120	As above.
120-130	Quartz, Mica, Gneiss – light medium gray, medium grained, foliated, quartz, muscovite, feldspar, biotite, pyrite, and pyrrhotite.

OWNER:	Jack Harris	(Windsor Hills Subdivision #3) Continued #1153
130-140		Quartz, Mica, Gneiss - light medium gray, medium grained, foliated, quartz, muscovite, feldspar, biotite, pyrite, and pyrrhotite.
140-150		As above.
150-160		Quartz, Mica, Gneiss - medium gray, shiny, fine to medium grained, muscovite, quartz, and feldspar, less pyrite. Graphite as inclusions in muscovite.
160-170		As above.
170-180		Quartz, Mica, Gneiss - light-medium gray, shiny, fine to medium grained, quartz, muscovite, feldspar, pyrite.
180-190		No sample.
190-200		Quartz Mica Gneiss - light-medium gray, shiny, fine to medium grained, quartz, muscovite, feldspar, pyrite.
200-210		Gneiss - dark gray slightly green, medium grained, biotite, hornblende, quartz, muscovite, minor garnet, pyrite in quartz rich areas.
210-220		Gneiss - medium gray and dark gray-green, medium grained, biotite, quartz, hornblende, muscovite, minor garnet, pyrite, minor calcite vein.
220-230		Quartz Mica Gneiss - medium light gray, medium grained quartz, muscovite, with graphite inclusions, biotite, calcic oligoclase in large crystals, pyrite.

GEOLOGIC SUMMARY

ROCK UNIT

AGE

Lynchburg

Precambrian

Virginia Division of Mineral Resources Hollis N. Walker, Geologist October 23, 1964