INTERVAL SHEET

1								WWCR 291	
Page 1				VDMR WEL	LL NO.:	Well No.	1155	The second secon	_
Date 10/15/64				Sample I	Interva	l: from_	0	to_170	
PROP: Falwell V	Well Cor	p. (Hyland Sprin	ngs #	3)Total De	epth	250			
COMP: Falwell				Oil	_Gas	Water_	х	_Exploratory_	
COUNTY: Campbell	(Lynch)	burg)		Cuttings	_ X	_Core	_ot	her	
VDMR WELL NO	D: W-115	55							
From-To	From- Washe	·To F d samples	rom-T	°o	Fr	om-To		From-To	
-	0 -	10	-1			-			
-	10 -	20 No sample	-			-		-	
-	20 -	30	-			-			
-	30	40	-						
	40	50	-			-		-	
	10								
-	50 -	60	_			_		<u> -</u>	
" <u>-</u>	60 -	70	_			-			
-	70 -	80	-			-			
-	80	90	-			-		-	
) -	90	100	-			-		-	
	70	100							
	100 -	110							
_	110 -	120	_						
			_			_			
	120 -	130	_			_		- 17	
	130	140	-			_			
	140	150							
	150	1/0							
	150 -	160	-			-		•	
	160 -	170	-			-			
	170 -	250 No sample							
	_								
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OWNER: Falwell Well Corporation

TENANT: Hyland Springs Subdivision #3

DRILLER: J. L. Eagle (Falwell Well Corp.)

COUNTY: Campbell (Lynchburg)

Lynchburg Formation ?

10-20

VDMR #1155 WWCR #291 TOTAL DEPTH: 250'

GEOLOGIC LOG

0-10	Overburden	- r	ed sandy	clay	with	biotite	and	magnetite.

20-30	Overburden - medium-brown mottled with gray, sand	
	with fragments of weeth and suciss and some class	

with fragments of weathered gneiss and some clay, muscovite, biotite, hornblende, quartz, feldspar, magnetite.

30-40	As above.	

No sample.

40-50 As above.

Basic Gneiss - medium-dark gray, shiny, coarse to fine grained, lineation and segregation of minerals, biotite, hornblende, acid plagioclase, magnetite, chlorite, epidote, minor quartz, X-ray examination showed the presence of pyroxene, (top of bedrock in this interval).

Amphibolite-medium dark gray, shiny, coarse to fine grained, lineation of minerals, hornblende, biotite (elongated) acid plagioclase, magnetite, epidote, pyroxene, minor quartz, some minor vein quartz.

70-80 As above.

Basic Gneiss - medium gray, shiny, medium grained, lineation and some segregation of minerals, biotite (elongated), acid plagioclase, magnetite, hornblende, epidote, pyroxene,

minor quartz.

90-100 As above.

100-110 As above - more hornblende and more quartz.

110-120 As above - less hornblende and less quartz.

OWNER: Falwell W	Vell Corporation (Hyland Springs Subdivision #3) Continued
120-130	Amphibolite - medium gray, shiny, medium grained, lineation of minerals, hornblende, biotite, acid, plagioclase, magnetite, epidote, minor quartz.
130-140	Amphibole - medium gray, medium to fine grained, lineation of minerals, hornblende (blue green-barroisite?), acid plagioclase, biotite, epidote, X-ray examination showed presence of pyroxene.
140-150	As above - with vein quartz.
150-160	Amphibolite - medium gray, bluish-green, medium to fine grained, lineation of minerals, hornblende (bluegreen), acid plagioclase, biotite, epidote, pyroxene, minor vein quartz. Some quartz replacing biotite and plagioclase in the major rock.
160-170	As above - fine grained, no vein quartz.
170-250	No sample.
	CEOLOGIC SHAMADY

GEOLOGIC SUMMARY

	ROCK UNIT	AGE
0-50	Overburden	Lynchburg Formation ?
50-170	Amphibolite "d	like" in the
	Lynchburg	Precambrian
170-250	No sample.	

Virginia Division of Mineral Resources Hollis N. Walker, Geologist October 28, 1964