INTERVAL SHEET

Page	WWCR 80 VDMR Well No.: Well No. 1164
Date 10/28/64	Sample Interval: from <u>0</u> to <u>105</u>
PROP: New River Motor Lodge #	5 Total depth <u>107</u>
COMP: Sydnor	OilGasWaterX_Exploratory
COUNTY: Montgomery (Radford)	Cuttings X Core Other
VDMR Well No: W-1164	Washed samples
From-To From-To	From-To From-To From-To
	0 - 15
-	15 - 30
	30 - 45
	45 - 60
	60 75
	00 15
	75 00
	90 - 105
	105 - 107 No sample
-	
-	
-	

OWNER: New River Motor Lodge - Well #5 DRILLER: Sydnor Pump and Well Co., Inc. COUNTY: Montgomery (Radford) VDMR #1164 WWCR #80 TOTAL DEPTH: 107'

GEOLOGIC LOG

Bays-Moccasin Formation (0-105')

- 0-15 Sandstones medium-gray, tan- to red-brown, and dark-gray, fine- to coarse-grained, quartzitic; minor light-gray siltstone; iron oxide staining.
- 15-30 As above less iron staining.
- 30-45 Sandstone light-greenish-gray to dark-gray, orthoquartzite, poorly cemented, coarse- to fine-grained, angular, porous; minor pyrite; iron stain on fractures.
- 45-60 Orthoquartzite medium-dark-gray, very-coarse- to mediumgrained, poor sorting, well cemented, translucent; minor quartz veins and iron oxide stain.
- 60-75 Orthoquartzite medium-dark-gray to white, granules to coarse-sand, poorly cemented, much of sample crushed to original grains by drill; some grains show secondary growth.
- 75-90 Orthoquartzite medium-dark-gray, very-coarse- to mediumsand, poorly sorted, well cemented, minor iron oxides on fractures.
- 90-105 As above including some granule sized grains.
- 105-107 No sample.

GEOLOGIC SUMMARY

ROCK UNIT

TIME ROCK UNIT

0-105Bays-Moccasin FormationMiddle Ordovician105-107No sample

Virginia Division of Mineral Resources Hollis N. Walker, Geologist February 4, 1965