INTERVAL SHEET

Page1	VDMR Well No.: 1436
Date12/2/65	Sample Interval: from 40 to 101
PROP: Donald Dowdy	Total depth 101
COMP: Farmville Drilling Co.	OilGasWater_X_Exploratory
COUNTY: Cumberland (Cumberland) VDMR Well No: W-1436	Cuttings X Core Other WASHED SAMPLES
From-To From-To	From-To From-To From-To
	0 - 40 No Sample

OWNER: Donald Dowdy

DRILLER: Farmville Well Drilling Co., Inc.

COUNTY: Cumberland (Cumberland)

VDMR Well # 1436 WWCR Well # 30 TOTAL DEPTH : 101

GEOLOGIC LOG

0-40 No sample

40-61 Arkose - light-greenish-gray, fine-sand to granule-size-

angular-grains, micaceous, graded bedding; microcline, quartz, muscovite, biotite, epidote, chlorite and minor garnet, albite-oligoclase, pyrite and zeolites; this arkose is porous and the quartz is often euhedral due to authigenic growth; minor laminae of detrital mica up to

1 mm thick; trace of weathering stain.

As above - minor medium-pebble sized grain; mica rich

laminae to 3 mm thick, minor very thin laminae of coal

delineating micro faulting and folding.

81-101 As above

GEOLOGIC SUMMARY

ROCK UNIT TIME ROCK UNIT

0-40 No sample

4U-101 Bull Run Shale or Manassas Sandstone Triassic

(Insufficient samples to determine rock unit)

Virginia Division of Mineral Resources Hollis N. Walker, Geologist December 8, 1965