

Sheet No. 1

VDMR WELL NO. 0181

Sample Interval 75-635

(10)

Total Depth \_\_\_\_\_

Oil \_\_\_\_\_ Gas \_\_\_\_\_ Water  Exploratory \_\_\_\_\_

Cuttings  Core \_\_\_\_\_ Other \_\_\_\_\_

PROP: POLICE BOYS CAMP #3  
COMP: J. B. NORMAN  
COUNTY: LANCASTER  
VDMR WELL NO: 0181  
FROM: TO:

From-To	From-To	From-To <u>WASHED SAMPLES</u>	From-To	From-To
75 -	560 -		-	-
95 -	580 -	95 -	-	-
115 -	635 -	115 -	-	-
135 -	-	135 -	-	-
155 -	-	195 -	-	-
175 -	-	240 -	-	-
195 -	-	260 -	-	-
220 -	-	280 -	-	-
240 -	-	300 -	-	-
260 -	-	320 -	-	-
360 -	-	340 -	-	-
380 -	-	500 -	-	-
400 -	-	520 -	-	-
440 -	-	560 -	-	-
460 -	-	580 -	-	-
480 -	-	600 -	-	-
500 -	-	635 -	-	-
520 -	-	-	-	-
540 -	-	-	-	-

OWNER: Police Boys Camp # 3  
DRIVER: J. B. Norman  
COUNTY: Lancaster County (Kilmarnock)

VDMR # 181  
WWCR # 10  
Depth: 635'  
ELEV: 8'

SAMPLE EXAMINATION  
(washed)

	PLEISTOCENE	COLUMBIA GROUP
0-117	Silt, gray, micaceous, argillaceous, sandy in part	
	MIOCENE	CHESAPEAKE GROUP
117-220	Sand, very fine grained, to fine grained, shell fragments at top	
220-260	Silt, gray, slightly calcareous, abundant shell fragments	
260-360	Sand, quartz, white, fine grained, angular, clear, cherty, with foraminifera	
	EOCENE	PAMUNKEY GROUP
360-400	Sand as above but glauconitic, non fossiliferous	
400-440	Sand as above with foraminifera	
440-460	Limestone, white to gray, dense, glauconitic, with many imbedded shell fragments	
460-480	Sand, glauconite, green to black	
480-520	Clay, brown, marly, very glauconitic	
520-540	Sand, glauconite, green to black	
540-560	Clay as above with abundant quartz	
	PALEOCENE-UPPER CRETACEOUS	MATTAPONI FORMATION
560-635	Sand, fine to medium grained, frosted, glauconitic, calcareous, subangular to rounded.	

GEOLOGIC SUMMARY

Pleistocene	Columbia Gp.	0' - 117'
Miocene	Chesapeake Gp.	117' - 360'
Eocene	Pamunkey Gp.	360' - 560'
Paleo-Cret	Mattaponi Fm.	560' - T.D.

VIRGINIA DIVISION OF MINERAL RESOURCES  
William Dudley  
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