Page 1	VDMR Well No.: WELL NO. 982	
Date4/2/64	Sample Interval: from 1 to 2	30
PROP: Colonial Pipelines (Columbia Station)	Total depth 250	
COMP: Farmville Well Drilling	OilGasWater_X_Explorato	ry
COUNTY: Fluvanna (Columbia) VDMR WELL NO. W-982	Cuttings X Core Other Washed samples only	-
From-To From-To	From-To From-To	From-To
	1 - 10 -	
	10 - 20 -	
:=	20 - 30 -	_
	30 - 40 -	-
	40 - 50 -	
	50 (0	
	50 - 60 -	1 - 1
	60 - 70	
	80 - 100 No samples -	
) -	100 - 110	3 = 5
;=: ∠	110 - 120 -	
·	120 - 130 -	_
	130 - 140 -	_
	140 - 150 -	:: :
	150 - 160 -	- * ,
	160 170	
	160 - 170 - 170 - 180 -	
	180 - 190 -	_
	190 - 200 -	_
	200 - 210	-
	210 - 220 -	
	220 - 230 -	
₩	230 - 250 No samples -	-
		-
		-
-	- -	-
	-	-
- -	H	-
-	-	D = 7
		-

OWNER: Colonial Pipelines

DRILLER: Farmville Well Drilling Co.

COUNTY: Fluvanna (Columbia)

VDMR #982 WWCR #83 TOTAL DEPTH:250'

GEOLOGIC LOG

0-10	Overburden - light brown, fine to medium grained, angular to subangular, high quartz content, minor muscovite, biotite, magnetite octahedrons and kaolin.		
10-20	As above (with coarse grained, rounded to subrounded quartz grains.)		
20-30	Granodiorite - white to tan, fine to coarse, angular to rounded, high quartz content, large rounded quartz grains, one subrounded blue quartz grain, muscovite, amphibole, minor magnetite octahedra, white feldspar, and biotite.		
30-40	As above (with minor epidote and traces of garnet).		
40-50	As above.		
50-60	As above.		
60-70	As above.		
70-80	As above (with vein quartz and minor chlorite).		
80-90	No sample.		
90-100	No sample.		
100-110	Granodiorite - gray, fine grained, angular to subangular, quartz, biotite, chlorite, muscovite, white feldspar, amphibole, fine grained, green sericite, minor kaolin, and epidote.		
110-120	As above.		
120-130	As above		
130-140	As above.		
140-150	As above.		
150-160	As above.		

OWNER:	Colonial	Pipelines	(Continued
OWNER:	Colonial	Pipelines	(Continued

160-170	Granodiorite - gray, fine grained, angular to subangular, quartz, biotite, chlorite, muscovite, white feldspar, amphibole, fine grained, green sericite, minor kaolin, and epidote.
170-180	As above (with traces of light-red garnet and magnetite octahedra).
180-190	As above (without garnet and magnetite).
190-200	As above.
200-210	As above.
210-220	As above.
220-230	As above.
230-250	No samples.

GEOLOGIC SUMMARY

	ROCK UNIT	AGE
0-201	Residium	Recent
20-2301	Columbia Granodiorite	Paleozoic (ordovician ?)

Virginia Division of Mineral Resources Villard S. Griffin, Jr., Geologist June 24, 1964