

Sheet No. 1

PROP: COUNTY TEST WELL #1
1.7 MI. N.-N.E. FOUR MILE
FORK
COMP: LAYNE-ATLANTIC
COUNTY: SPOTSYLVANIA
VDMR WELL NO: 0263
FROM: TO:

VDMR WELL NO. 0263

Sample Interval 0-263

Total Depth 263

427

Oil ___ Gas ___ Water Exploratory ___

Cuttings Core ___ Other ___

See VDMR MRC #4
p. 28

From-To	From-To	From-To	From-To	From-To
0 - 10	WASHED + FLOATED SAMPLES	-	-	-
10 - 22	0 - 10	-	-	-
22 - 32	10 - 22	-	-	-
32 - 34	22 - 32	-	-	-
34 - 63	32 - 34	-	-	-
63 - 83	34 - 63	-	-	-
83 - 103	63 - 83	-	-	-
103 - 124	85 - 103	-	-	-
124 - 145	103 - 124	-	-	-
145 - 161	124 - 145	-	-	-
161 - 167	145 - 161	-	-	-
167 - 177	161 - 167	-	-	-
177 - 187	167 - 177	-	-	-
187 - 208	177 - 187	-	-	-
208 - 229	187 - 208	-	-	-
229 - 249	208 - 229	-	-	-
249 - 260	229 - 249	-	-	-
260 - 263	249 - 260	-	-	-
-	260 - 263	-	-	-

OWNER: County # 1 VDMR # 0263
DRILLER: Layne Atlantic WWCR # ~~437~~ 427
COUNTY: Spotsylvania County (1.7 mi. North N.E. Four Mile Fork) Depth: 263'

SAMPLE EXAMINATION
(washed)

- 0-10 Clay, pink, sandy, soft
- 10-22 Sand, quartz, fine to coarse grained, iron stained
- 22-34 Gravel and iron stained clay
- 34-103 Clay, gray, soft with imbedded large quartz pebbles. Slightly glauconitic and micaceous 60-103
- 103-160 Clay, red to pink, soft, slightly glauconitic, silty and micaceous in part
- 160-166 Sand, quartz, tan, fine to medium grained, argillaceous
- 166-178 Clay, predominantly pink, soft
- 178-187 Sand, quartz, medium grained, conglomeratic, angular, cemented with tan clay in part
- 187-229 Sand, fine to medium grained, subangular with abundant clay
- 229-263 Granite, composed of quartz, biotite and feldspar, finely pulverized by drill bit. Scattered fragments of granite

GEOLOGIC SUMMARY

REMARKS

Basement at 229' probably overlain by a thin section of Cretaceous overlain in turn by Eocene.

VIRGINIA DIVISION OF MINERAL RESOURCES
William Dudley
November 1958

VDMR Well No. 0263

Loc: 1.7 mi. N-NE Four Mile Fork

Spotsylvania
County

Prop: County

Contractor: Layne Atlantic

<u>Interval</u>	<u>Description</u>
0-10	clay, pink, sandy, soft
10-22	sand, quartz, fine to coarse grained, iron stained
22-34	gravel and iron stained clay
34-103	clay, gray, soft with imbedded large quartz pebbles. Slightly glauconitic and micaceous 60-103
103-160	clay, red to pink, soft, slightly glauconitic, silty and micaceous in part
160-166	sand, quartz, tan, fine to medium grained, argillaceous
k 166-178	clay, predominantly pink, soft
178-187	sand, quartz, medium grained, conglomeratic, angular cemented with tan clay in part
187-229	sand, fine to medium grained, subangular with abundant clay PRE-CRETACEOUS GRANITE
229-263	granite, composed of quartz, biotite and feldspar, finely pulverized by drill bit. Scattered fragments of granite

SUMMARY

Basement at 229' probably overlain by a thin section of Cretaceous overlain in turn by Eocene