

County: Nansemond
VDMR Well #1223

Well: V-66-13
Property Owner: T. J. Saunders
Driller: Froehling and Robertson
Location: 20 feet southwest of intersection of State Road 604 and 606
Altitude Top of Hole: 58.4 feet
Total Depth: 26.0 feet
Started Drilling: June 24, 1966
Completed Drilling: June 24, 1966
Sample Description by: N. K. Coch

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-13.0'	13'	Elberon	Middle Pleistocene
13.0'-26.0'	13'	Yorktown	Late Miocene

GEOLOGIC LOG

Formation	Depth in feet	Thickness in feet	Description
Elberon	0.0'-4.0'	4	Flush Interval
	4.0'-6.0	2	Clay - gray, with dark orange streaks, very-sandy, medium-to coarse with some granules, pieces of gray clay at angles to bedding 4.0'-5.0' - 14 blows per foot 5.0'-6.0' - 30 blows per foot Compressive strength: 2.6 tons per square foot
	6.0'-9.0	3	Flush Interval
	9.0'-11.0	2	Sand - gray, medium-to coarse, granules, slightly clayey 9.0'-10.0' - 13 blows per foot 10.0'-11.0' - 12 blows per foot Compressive strength: non-cohesive Rupture
	11.0'-13.0	2	Flush Interval
Yorktown	13.0'-14.0	1	Flush Interval (contact at 13.0)
	14.0'-16.0	2	Sand - bluish-green, fine-to medium, slightly clayey, fossiliferous, fragments up to .8 cm., 20-25 percent shell by volume 14.0'-15.0' - 2 blows per foot 15.0'-16.0' - 4 blows per foot
	16.0'-19.0	3	Flush Interval
	19.0'-21.0	2	Sand - greenish-blue, fine-to medium, slightly clayey, fossiliferous, fragments up to 1.5 cm. 19.0'-20.0' - 9 blows per foot 20.0'-21.0' - 19 blows per foot

Formation	Depth in feet	Thickness in feet	Description
Yorktown	21.0-24.0	3	Flush Interval
	24.0-26.0	2	Sand - greenish-gray, fine-to medium, slightly clayey (more so than 19.0'-21.0' interval), fossiliferous, shell fragments up to .8 cm. 24.0'-25.0'-11 blows per foot 25.0'-26.0'-20 blows per foot

VIRGINIA DIVISION OF MINERAL RESOURCES
Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

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Well Repository No: 1223

Date rec'd: 8/5/66

Sample Interval: from 4 to 11

PROPERTY: Coch V-13

Number of samples: 2

COMPANY: Froehling and Robertson

Total Depth: 11

COUNTY: Nansemond

Oil or Gas: Water: Exploratory:

From - To	From - To	From - To	From - To
4 - 6	-	-	-
9 - 11	-	-	-
-	-	-	-
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All intervals have both washed and unwashed samples.