

Well: V-67-27

Property Owner: Mrs. Crawley Nurney

Drilling: Forehling and Robertson

Location: 0.5 mile east of State Road 677, on farm road. Farm road is
0.9 mile south of intersection of State Road 677 and State Road
678

Altitude Top of Hole: 40.0 feet

Total Depth: 46.0 feet

Started Drilling: June 26, 1967

Completed Drilling: June 26, 1967

Sample Description by: N. K. Coch

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-12.0'	12.0'	Elberon	Middle Pleistocene
12.0'-18.0'	6.0'	Sedley	Pliocene ?
18.0'-46.0'	28.0'	Yorktown	Late Miocene

GEOLOGIC LOG

VDMR Well # 1987

Formation	Depth in feet	Thickness in feet	Description
Elberon	0.0-4.0	4.0	Flush Interval
	4.0-6.0	2.0	Sand - orange, coarse, trace granules 4.0'-5.0' - 3 blows per foot 5.0'-6.0' - 4 blows per foot compressive strength: 0.3 ton per square foot
	6.0-9.0	3.0	Flush Interval
	9.0-11.0	2.0	Sand - orange, fine-medium, thin gray laminae 9.0'-10.0' - 17 blows per foot 10.0'-11.0' - 17 blows per foot compressive strength: 1.8 tons per square foot
	11.0-12.0	1.0	Flush Interval
Sedley	12.0-14.0	2.0	Flush Interval
	14.0-16.0	2.0	Silt - dark-red, ferricrete crusts, faint laminae 14.0'-15.0' - 4 blows per foot 15.0'-16.0' - 5 blows per foot compressive strength: 0.7 ton per square foot
	16.0-18.0	2.0	Flush Interval
Yorktown	18.0-19.0	1.0	Flush Interval
	19.0-21.0	2.0	Coquinite - golden-yellow, concretionary, very-hard and compact 19.0'-20.0' - 5 blows per foot 20.0'-21.0' - 5 blows per foot compressive strength: no reading

Formation	Depth in feet	Thickness in feet	Description
	21.0-24.0	3.0	Flush Interval
	24.0-26.0	2.0	Coquinite - golden-yellow, concretionary, very-hard and compact 24.0'-25.0' - 6 blows per foot 25.0'-26.0' - 6 blows per foot compressive strength: no reading
	26.0-29.0	3.0	Flush Interval
	29.0-31.0	2.0	Silt - bluish-gray, faintly laminated, calcareous matrix, sponge spicules, scaphopods 29.0'-30.0' - 4 blows per foot 30.0'-31.0' - 7 blows per foot compressive strength: 1.0 ton per square foot
	31.0-34.0	3.0	Flush Interval
	34.0-36.0	2.0	Similar to 29.0'-31.0' interval, trace of small shell fragments 34.0'-35.0' - 5 blows per foot 35.0'-36.0' - 6 blows per foot compressive strength: 0.8 ton per square foot
	36.0-39.0	3.0	Flush Interval
	39.0-41.0	2.0	Silt - greenish-blue, faintly laminated, many echinoid spines and plates 39.0'-40.0' - 5 blows per foot 40.0'-41.0' - 7 blows per foot compressive strength: 1.2 tons per square foot
	41.0-44.0	3.0	Flush Interval
	44.0-46.0	2.0	Sand - greenish-blue, silty (30 percent), many large shell fragments 44.0'-45.0' - 8 blows per foot 45.0'-46.0' - 14 blows per foot compressive strength: 1.0 ton per square foot

