County: Surry VDMR Well #1962

Well: V-67-2

Property Owner: State, road right-of-way

Driller: Froehling and Robertson

Location: Southeast side of State Road 617, 1.6 miles east of intersection of

State Highway 10 and State Road 617.

Altitude Top of Hole: 74.6 feet

Total Depth: 43.0 feet

Started Drilling: June 12, 1967 Completed Drilling: June 12, 1967 Sample Description by: N. K. Coch

## GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-29.0'	29.01	Elberon	Middle Pleistocene
29.01-35.01	6.01	Sedley	Pliocene ?
35.01-43.01	8.01	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	Sand - tan, silty (30 percent) with reddish-orange bands and laminae of more-silty gray sand
			4.0'-5.0' - 4 blows per foot 5.0'-6.0' - 5 blows per foot Compressive strength: 0.5 ton per square foot
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Sand - gray, silty (40 percent) some thin orange streaks 9.0'-10.0' - 8 blows per foot 10.0'-11.0' - 11 blows per foot Compressive strength: 0.8 ton per square foot
	11.0-14.0	3	Flush Interval
	14.0-16.0	2	Sand - gray, medium-to coarse, 20 percent silt, orange-red blotches 14.0'-15.0' - 16 blows per foot 15.0'-16.0' - 16 blows per foot Compressive strength: 1.8 tons per square foot (rupture)
	16.0-19.0	3	Flush Interval
	19.0-21.0	2	Sand - dark-orange, medium-to coarse, homogeneous, 20 percent silt, laminae of tan and orange clay with thin laminae of coarse sand between clay laminae at base 19.0'-20.0' - 6 blows per foot 20.0'-21.0' - 7 blows per foot Compressive strength: 0.8 ton per square foot
	21.0-24.0	3	Flush Interval

# VDMR Well #1962

Formation	Depth in feet	Thickness in feet	Description
Elberon	24.0-26.0	2	Sand - gray, coarse, granules, 5 percent silt, some opaque minerals 24.0'-25.0' - 6 blows per foot 25.0'-26.0' - 8 blows per foot
			Compressive strength: no reading
	26.0-29.0	3	Flush Interval
Sedley	29.0-21.0	2	Clay - pale-bluish-gray, interlaminated with silt, dark-bluish, non calcareous 29.0'-30.0'-2 blows per foot 30.0'-31.0' - 2 blows per foot
			Compressive strength: no reading
	31.0-34.0	3	Flush Interval
	34.0-35.0	1	Silt - blue, interlaminated with clay, gray, some brown and green areas towards base 34.0'-35.0' - 2 blows per foot Compressive strength: 0.1 ton per square foot
Yorktown	35.0-35.5	. 5	Silt - dark-brown, highly fossiliferous, excellent planar shell fabric 35.0'-35.5'- 2 blows per foot Compressive strength: no reading
	35.5-36.0	. 5	Silt - dark-orange, sandy, highly fossiliferous whole forms and shell fragments 35.5'-36.0' - 2 blows per foot Compressive strength: no reading
	36.0-41.0	5	Flush Interval
	41.0-43.0	2	Calcrete, nodular, no fossils 41.0'-42.0' - 11 blows per foot 42.0'-43.0'-12 blows per foot Compressive strength; no reading

#### INTERVAL SHEET

1 of 1 Page VDMR Well No: 1962 Date rec'd: 9/14/67 Sample Interval: from 4 to: 43 State Right of Way PROP: Number of samples: 10 Well V-67-2 COMP: Froehling and Robertson Total Depth: 43 Oil or Gas: Water: Exploratory: X COUNTY: Surry From-To From-To From-To From-To 9 11 14 16 21 19 24 26 29 31 34 35 35.5 35 25.3 35.5 -36 43 41 All intervals have both washed and unwashed samples

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Well: V-67-2

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## VDMR Well #1962

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#### INTERVAL SHEET

Total Depth: 43

VDMR Well No: 1962 Page 1 of 1

Date rec'd: 9/14/67 Sample Interval: from 4 to: 43

State Right of Way PROP: Number of samples: 10

Well V-67-2 Freching and Robertson

COMP:

Surry Oil or Gas: Water: Exploratory: x COUNTY:

From-To From-To From-To From-To 6 11 14 - 16 19 - 21 - 26 24 29 - 31 34 - 35 - 35.5 35 35.5 - 36 - 43 41 All intervals have both washed and unwashed samples