INTERVAL SHEET

WWCR - 78

Page 1 of 1

Date rec'd: May 27, 1966

PROP: Mr. Horace Gray

COMP: (York River Yacht Haven)
Sydnor Pump & Well Company

COUNTY: Gloucester

VDMR Well No: 1615

Sample Interval: from 0 to 120

Number of samples: 12

Total Depth: 123

Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To
0 -10	_	_	
10 -20			_
20 -30		-	
30 -40	. 	_	_
40 -50	— 0		<u> </u>
40 50			
50 -60	=	-	/
60 -70	— ÿ	-	
70 -80	-		=
80 -90	=		Union,
90 -100		-	-
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110 -120	_	50	i
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All intervals have both washed and unwashed samples.

OWNER: York River Yacht Haven (H. Gray)
DRILLER: Sydnor Pump & Well Company, Inc.

COUNTY: Gloucester (Gloucester)

VDMR: 1615 WWCR: 78 TOTAL DEPTH: 123

GEOLOGIC LOG

Depth in feet

COLUMBIA GROUP (0-10)

0 - 10 Sand — orange-brown, moderately argillaceous (ferrigenous clay);
a few shell fragments and small pebbles; fine- to very coarsegrained, fairly well-sorted (skewed fine), angular to subrounded
(coarsest material is rounded); clear- to yellowish quartz,
moderate amounts of poorly-decomposed feldspar and finegrained magnetite; local cementation by iron-oxides; trace of
chert; a few plant fragments.

YORKTOWN FORMATION (10 - 120)

10 - 20	Sand -	greenish-brown, very argillaceous; very fine- to medium-		
		grained, fairly well-sorted, angular to subangular; abundant,		
		fine-grained magnetite; scattered grains of platey phosphorite;		
		about 10% chalky shell debris.		

20 - 30	Sand —	gray, very argillaceous; fine- to medium-grained, fairly well-
		sorted, angular to slightly subrounded; very slightly-glauconitic;
		about 10% pelecypod shell fragments and a few echinoid spines
		and foraminifers.

40 - 50	Sand	 gray,	moderately	argillaceous	; fine.	- to	medium-gra	ined,	well
		sorted,	angular to	subangular;	about	10%	glauconite;	about	5%
		shell fragments; a very few foraminifers							

50 - 60	(II)	light gray, very argillaceous (clay fraction
		consists of very finely divided shell mater-
		ial); about 5% glauconite.

60 - 70	TT <	n
70 - 80	11	11
80 - 90	11	11
90 - 100	П	n n

^{120 - 123} No sample

GEOLOGIC SUMMARY

Rock Unit

O - 10 Columbia Group
Pliocene-Pleistocene
Yorktown Formation

Miocene

Virginia Division of Mineral Resources Robert H. Teifke - Geologist July 21, 1966