

INTERVAL SHEET

WWCR - 326

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VDMR Well No: 1624

Date rec'd: June 8, 1966

Sample Interval: from 0 to 290

PROP: Byrd Packing Company

Number of samples: 29

COMP: Sydnor Pump & Well Company

Total Depth: 294

COUNTY: Accomack (Parksley)

Oil or Gas: Water: XExploratory:

From-To	From-To	From-To	From-To
0 - 10	-	-	-
10 - 20	-	-	-
20 - 30	-	-	-
30 - 40	-	-	-
40 - 50	-	-	-
50 - 60	-	-	-
60 - 70	-	-	-
70 - 80	-	-	-
80 - 90	-	-	-
90 - 100	-	-	-
100 - 110	-	-	-
110 - 120	-	-	-
120 - 130	-	-	-
130 - 140	-	-	-
140 - 150	-	-	-
150 - 160	-	-	-
160 - 170	-	-	-
170 - 180	-	-	-
180 - 190	-	-	-
190 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
250 - 260	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 290	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Byrd Packing Co.
DRILLER: Sydnor Pump & Well Co.
COUNTY: Accomack (Parksley)

VDMR: 1624
WWCR: 326
TOTAL DEPTH: 294'

GEOLOGIC LOG

Depth in feet

COLUMBIA GROUP (0-100')

- 0- 10 Sand — orange-brown, clean; medium-grained, well sorted, subangular to subrounded; small amounts white, weathered feldspar and traces of magnetite and muscovite.
- 10- 20 Sand — light gray, clean; fine- to coarse-grained, moderately sorted, subangular to rounded; clear quartz with minor white feldspar and black iron oxides.
- 20- 30 Sand — light gray, clean; fine- to very coarse-grained, moderately sorted (skewed fine), subangular to rounded; clear quartz with minor white feldspar; small amounts of black iron oxides, epidote, tourmaline, etc.
- 30- 40 "
- 40- 50 Sand — buff, clean; medium- to coarse-grained, well sorted, subangular to subrounded; small amount of white weathered feldspar; "heavy" minerals relatively abundant.
- 50- 60 Sand — medium-gray with orange-brown (iron-stained) grains, slightly silty, trace of clay; medium- to coarse-grained, fairly well sorted, variably rounded; small amount grayish feldspar; a very few rock fragments and shell fragments; traces of magnetite, hornblende, garnet.
- 60- 70 "
- 70- 80 Sand — medium-gray, silty, medium-grained, well sorted, subangular; scattered shell fragments.
- 80- 90 Sand — dark gray, moderately silty, slightly argillaceous; coarse-grained, well sorted, subrounded; slightly feldspathic; scattered shell fragments and carbonaceous flecks.

90-100 Sand — medium-gray with orange-brown (iron-stained) grains, slightly silty and argillaceous; coarse-grained, well sorted, subrounded; slightly feldspathic; trace of muscovite; scattered shell fragments and carbonaceous flecks.

YORKTOWN FORMATION (100-290')

- 100-110 Sand — medium greenish-gray, trace of clay; medium- to coarse-grained, well sorted, subangular to rounded; 5% each of glauconite and shell fragments.
- 110-120 Sand — brownish-gray, moderately argillaceous; medium- to coarse-grained, fairly well sorted, subangular to subrounded; a few shell fragments.
- 120-130 "
- 130-140 Sand — gray, silty; very fine- to coarse-grained, moderately sorted (skewed fine), variably rounded; a very few shell fragments.
- 140-150 Sand — brownish-gray, clean; fine- to coarse-grained, moderately sorted, subangular to subrounded; slightly feldspathic; 2-5% shell fragments; trace of glauconite.
- 150-160 Sand — medium-gray with orange-brown (iron-stained) grains, moderately silty, slightly argillaceous, coarse grained, well sorted, subrounded; slightly feldspathic; a very few shell fragments.
- 160-170 Sand — gray, moderately silty and argillaceous; coarse- to very coarse-grained, well sorted, subrounded to rounded; slightly feldspathic; 5% shell fragments; trace of lignitic material.
- 170-180 "
- 180-190 Sand — light gray; medium- to coarse-grained, well sorted, subangular to subrounded; slightly feldspathic; trace of glauconite; scattered shell fragments.
- 190-200 Shell and Sand — greenish gray; sand (60-70%) is coarse grained, well sorted, subrounded to rounded; small amounts of glauconite and feldspar; 30-40% shell material, mostly pelecypods with some gastropods, echinoid spines, and bryozoans.
- 200-210 "
- 210-220 "

220-230	Shell — dark-gray and white, coarser than overlying material; some slightly-glaucanitic sand.
230-240	Sand and Shell — black and white, trace of clay; sand (70%) is medium-grained and consists of 60-70% fresh glauconite, 30-40% quartz; about 30% shell fragments.
240-250	Sand and Shell — sand (50%) is medium- to coarse-grained and contains about 5% fresh glauconite; 50% shell fragments.
250-260	"
260-270	" 60-70% sand with a trace of glauconite, and 30-40% shell fragments.
270-280	" "
280-290	Shell, Sand, and Gravel — 60% dark gray, well sorted shell fragments (1-3 mm), 15% quartz granule gravel, and 25% fine-grained, well sorted, angular quartz sand.
290-294	No sample.

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-100	Columbia Group	Pleistocene
100-290	Yorktown Formation	Miocene
290-294	No sample.	

Virginia Division of Mineral Resources
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