

INTERVAL SHEET

WWCR - 325

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VDMR Well No: 1614

Date rec'd: May 27, 1966

Sample Interval: from 0 to 307

PROP: Holly Farms Poultry Industry

Number of samples: 30

COMP: Sydnor Pump & Well Co.

Total Depth: 307

COUNTY: Accomac (Temperenceville)

Oil or Gas: Water: X Exploratory:

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	-	-	-
290 - 307	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Holly Farms Poultry Industry, Inc.
DRILLER: Sydnor Pump & Well Co., Inc.
COUNTY: Accomack (Temperanceville)

VDMR: 1614
WWCR: 325
TOTAL DEPTH: 307'

GEOLOGIC LOG

Depth in feet

COLUMBIA GROUP (0-120')

0- 10	Sand — buff, very slightly argillaceous; fine- to coarse-grained, moderately sorted, subangular to subrounded; scattered grains of white, partly decomposed feldspar; traces of magnetite and garnet.
10- 20	Sand — buff, clean; fine- to coarse-grained, rather poorly sorted, subangular to rounded; slightly feldspathic (white, partly decomposed feldspar); traces of garnet and magnetite.
20- 30	Sand — white, clean; fine- to coarse-grained, moderately sorted, subrounded; moderately feldspathic (fresh white feldspar); some magnetite.
30- 40	"
40- 50	"
50- 60	"
60- 70	"
70- 80	"
80- 90	Sand — gray, clean; medium- to very coarse-grained, moderately sorted, subrounded to rounded; very arkosic; traces of garnet, epidote, tourmaline.
90-100	Gravel and Sand — gray, 85-90% granules, well sorted, subrounded to rounded; 10-15% fine- to medium-grained sand; arkosic.
100-110	" slightly argillaceous, slightly coarser, very arkosic.
110-120	" "

YORKTOWN FORMATION (120-307')

- 120-130 Sand — gray, argillaceous; fine- to coarse-grained, fairly well sorted (skewed fine), angular to rounded; coarsest fraction contains many inclusion-charged grains of limpid quartz and considerable feldspar; very slightly glauconitic; trace of platey phosphorite.
- 130-140 Sand — gray, slightly- to moderately-argillaceous, 5-10% granule gravel; fine- to coarse-grained, moderately sorted, subangular to subrounded; small amounts of glauconite, dull-white decomposed feldspar; scattered flecks of black, platey phosphorite.
- 140-150 Sand — gray, slightly- to moderately-argillaceous; coarse- to very coarse-grained, well sorted; subangular to subrounded; slightly feldspathic and glauconitic; traces of phosphorite and muscovite.
- 150-160 " moderately argillaceous, medium- to coarse-grained, moderately sorted.
- 160-170 Sand — gray, very slightly argillaceous, a few granules; medium- to coarse-grained, moderately sorted, subangular to subrounded; slightly feldspathic and glauconitic; 10-15% chalky pelecypod shell fragments.
- 170-180 " fine- to coarse-grained; scattered shell fragments.
- 180-190 " "
- 190-200 " fine- to coarse-grained, scattered shell fragments, 10-15% granule gravel.
- 200-210 Sand and Shell — gray, slightly argillaceous, a very few granules; sand (60%) is fine- to coarse-grained, moderately sorted, subangular to subrounded; slightly glauconitic; shell material (40%) consists of pelecypods and a few echinoid spines and fish teeth.
- 210-220 Sand — brownish-gray, slightly argillaceous; fine- to coarse-grained, moderately sorted, subangular to subrounded; slightly glauconitic and feldspathic; trace of phosphorite; a very few shell fragments.
- 220-230 " about 15% granule gravel.

230-240	Sand and Shell — gray, trace of clay; sand (60%) is medium grained, fairly well sorted, subangular to sub-rounded; slightly glauconitic; shell material (40%) consists of abraded pelecypod fragments, and a few gastropods.
240-250	"
250-260	" 50% sand, 50% shell.
260-270	" 75% sand, 25% shell; moderately glauconitic.
270-280	" 65% sand, 35% shell; moderately glauconitic.
280-290	" "
290-307	" 60% sand, 40% shell; slightly- to moderately-glauconitic.

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-120	Columbia Group	Pliocene-Pleistocene
120-307	Yorktown Formation	Miocene

Virginia Division of Mineral Resources
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July 23, 1966