

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:
Box 3667
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES
JAMES L. CALVER, COMMISSIONER
WATER WELL COMPLETION REPORT

OFFICE ADDRESS:
McCormick Road
Charlottesville, Virginia

OWNER: Perdue Foods, Inc., Prod. Well #2 Mailing Address: Box 1537 - Salisbury, Md., 21801

TENANT: Perdue Foods, Inc. Mailing Address: Accomac, Virginia

DRILLER: Sydnor Hydrodynamics, Inc. Mailing Address: P.O. Box 1476 - Richmond, Va. 23212

WELL LOCATION: County Accomack Approx. 1,400 ^{feet} ~~xxxx~~ Northwest (direction) of
Route #13 and 70 ^{feet} ~~xxxx~~ Southwest (direction) of Route #663

(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.)

DATE STARTED: 3/17/70 DATE COMPLETED: 4/13/70

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 325 feet

WATER LEVEL: Stands 23'2" feet below surface OR has NATURAL flow of _____ gallons per minute

YIELD TEST: Method Turbine
Drawdown 112' 4" feet
Rate 503 gal. per min.
Duration 24 hrs., 0 min.

HOLE SIZE: 20 inches from 0 to 80 feet
19 inches from 80 to 308 feet
9-7/8 inches from 308 to 325 feet

WATER ZONES: from 204 to 300 feet
from _____ to _____ feet
from _____ to _____ feet

SCREEN SIZE: 8 inches from 204 to 240 feet
8 inches from 256 to 292 feet
_____ inches from _____ to _____ feet
20" 0 -80'

WATER: Color Clear Taste _____
Odor _____ Temp. _____ °F

CASE SIZE: 10 inches from +2 to 204 feet
8 inches from 240 to 156 feet
8 inches from 292 to 300'6" feet

WELL TO SUPPLY: (check one) Home _____
Farm _____ Town _____ School _____
Industry XX Other _____

GROUTING: Method Pressure
Material Cement - Water Depth 130 feet

WATER ANALYSIS AVAILABLE: Yes XX No _____
DRILL CUTTINGS SAVED: ⁽³⁴⁾ Yes XX No _____

PUMP: Type _____
Capacity _____ gal per min
Depth of intake _____ feet

(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHED FREE OF CHARGE UPON REQUEST.)

REMARKS: Production Well #2

LOG

FURNISHED BY: Sydnor Hydrodynamics, Inc.

DATE: April 13, 1970

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	10	Top Soil Sand Clay	
10	20	Brown Clay	
20	40	Gray Sand	
40	50	Coarse Gray Sand	
50	70	Coarse Gray Sand	
70	100	Blue Clay - Sand	
100	120	Sand, Clay and Shells	
120	140	Coarse Sand - Shells	
140	170	Coarse Sand - Shells - Some Clay	
170	200	Coarse Sand	
200	220	Sand, Clay and Shells	
220	230	Sand, Shells	
230	240	Sand, Mostly Shells	
240	250	Shells, Some Sand	
250	270	Sand - Shells	
270	280	Shells	
280	310	Sand	
310	325	Sand Clay	

VIRGINIA DIVISION OF MINERAL RESOURCES
 Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

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Well Repository No.: W- 2811

Date rec'd: 4-20-70 Date Processed: 4-30-70

Sample Interval: from 0 to: 325

PROPERTY: Perdue Foods
 Production Well #2

Number of samples: 32

COMPANY: Sydnor Hydrodynamics

Total Depth: 325'

COUNTY: Accomack (Accomac)

Oil or Gas: Water: X Exploratory:

From-To	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	-	-	-	-
290-300	-	-	-	-
300-310	-	-	-	-
310-325	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

All intervals have both washed and unwashed samples.

Owner: Perdue #2
Driller: Sydnor
County: Accomack

W# 2811
C# 342
Total Depth 325'
Quad.

Depth
(feet)

WELL LOG

0-10 Sand - yellow brown (10YR 7/2); sparse clay cementing sand clasts; fine to very coarse, sub-rounded; moderate sorting; quartz; root debris.

10-20 Sand - as above, except: few granules; 1% glauconite.

20-30 Sand - light olive gray (5Y 6/1); moderate clasts, sand as above, except: smaller grains "cementing" larger ones into clasts.

30-40 Sand - as above, except: medium and very coarse; poorly sorted; garnet; tourmaline; 1% glauconite (fine black).

40-50 Sand - as above, except: medium to granule.

50-60 Sand - as above, except: feldspar.

60-70 Sand and gravel - as above, except: (5Y 7/1); sparse clay; 50%+ granules, rest, fine to coarse; sub-rounded; poorly sorted; quartz; sparse glauconite; smokey quartz; agate nodules.

70-80 Sand - as above, except: sparse clay; mostly medium grained; some coarse and very coarse; moderate sorting; 3% glauconite.

80-90 Sand - as above, except: sparse clay, some clasts gray, red, orange, tan; very fine to very coarse, sub-angular; poor sorting; some granules; 10% mixed glauconite - light green to dark green and fine black; chromite mica.

90-100 Sand - as above.

100-110 Sand - as above, except: 50% large granules to pebbles; rest very fine to coarse; moderate sorted; 3% fine glauconite.

110-120 Sand - as above, except: (5Y 6/1), few clay clasts; sand very fine to very coarse, sub-angular to sub-rounded; 20% granules; poor sorting; quartz; 5% fine glauconite; 5% shell fragments - mollusks - Pandora, Yoldia Laevis, Chione, Venus, Venicardia, Territella, Polinices Hero, barnacles.

120-130 Hash - as above, except: 50% shell fragments, as above: moderate clay; sand - fine to coarse; some granules, poorly sorted; quartz; 5% glauconite, fine black.

Depth
(feet)

130-140 Hash - as above.

140-150 Hash - as above.

150-160 Hash - as above.

160-170 Hash - as above, except: 40% shell fragments; flint.

170-180 Sand - light olive gray (5Y 6/1); moderate silt; very fine to granule, sub-angular to sub-rounded; poor sorting; quartz; 7% fine pale green glauconite; 30% shell fragments; black phosphate nodules.

180-190 Sand - as above, except: 30% large granules; 40% shell bits.

190-200 Sand - as above, except: 20% granules; 30% shell fragments.

200-210 Sand - as above, except: fine to granule; black glauconite; 20% shell fragments.

210-220 Sand - as above, except: fine to very coarse; few granules; 10% mixed black and green fine glauconite; sparse shells.

220-230 "Hash" - "salt and pepper" 90% reworked shell fragments, most of which are dark gray, some white (10% of total shells); barnacles; Pinna; Atrina; 1% new forms; Venicardium; Glycimetris Subovata; sand as above; glauconite as above.

230-240 "Hash" - as above; 95% reworked shell fragments.

240-250 "Hash" - as above.

250-260 "Hash" - as above, except: sparse clay in few sand clasts; 75% shell fragments.

260-270 "Hash" - as above.

270-280 "Hash" - as above, except: 50% shell fragments; moderate sorting of sand.

280-290 Sand - as above except: 35% shell fragments; sand, medium and coarse; few very coarse.

Owner: Perdue #2

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W# 2811

Depth
(feet)

290-300 Sand - as above, except: sparse silt; moderate sand clasts; 45% shell fragments; echinoderm & arthropod parts; feldspar.

300-310 "Hash" - "salt and pepper," 50% reworked and fresh shell fragments; sand as above; 10%+ glauconite.

310-325 "Hash" - as above.

Logged by: J. K. Polzin
May 6, 1980