

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-3109

C-347

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. Mailing Address: Box 1537
Salisbury, Maryland 21801

TENANT: Perdue Foods, Inc. Mailing Address: Accomac, Virginia
P.O. Box 1476

DRILLER: Sydnor Hydrodynamics, Inc. Mailing Address: Richmond, Virginia 23212

WELL LOCATION: County Accomac, County Approx. 2,900 ~~xxxx~~ ^{feet} Northwest (direction) of
Rt. 13 and 70 ~~xxxx~~ ^{feet} Southwest (direction) of Rt. 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: 6/17/70 DATE COMPLETED: 7/13/70

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 325 feet

WATER LEVEL: Stands 26 feet below surface OR
has NATURAL flow of _____ gallons per minute

YIELD TEST: Method Turbine
Drawdown 90' 3" feet
Rate 503 gal. per min.
Duration 24 hrs., _____ min.

HOLE SIZE: 22 inches from 0 to 119 feet
19 inches from 119 to 310 feet
9 7/8 inches from 310 to 325 feet

WATER ZONES: from 202 to 238 feet
from 258 to 294 feet
from _____ to _____ feet

SCREEN SIZE: 8 inches from 202 to 238 feet
8 inches from 258 to 294 feet
_____ inches from _____ to _____ feet

WATER: Color clear Taste _____
Odor none Temp. _____ °F

CASE SIZE: 10 inches from +2 to 202 feet
8 inches from 238 to 258 feet
8 inches from 294 to 300 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 _____

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

DRILL CUTTINGS SAVED: Yes 31 No _____

(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: Electric log ran - Well P-3

LOG

FURNISHED BY: Sydnor Hydrodynamics, Inc.

DATE: 7/9/70

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	5	Brown and gray clay	
5	10	White sand	
10	30	Gray sand	
30	40	Gray sand shells	
40	70	White sand shells	
70	100	Gray sand shells	
100	125	Blue clay	
125	150	Shells - some sand	
150	200	Gray sand - shells	
200	220	Some sand - shells	
220	250	Shells - sand	
250	260	Sand, clay, shells	
260	280	Shell - sand	
280	300	Sand, some shells	
300	310	Shells	
310	325	Shells - clay	

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

INTERVAL SHEET

C-347

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Well Repository No.: W- 3109

Date rec'd: 9-21-70 Date Processed: 3-12-71

Sample Interval: from 0 to: 325

PROPERTY: Perdue Foods (Prod. Well #3)

Number of samples: 31

COMPANY: Sydnor Hydrodynamics

Total Depth: 325'

COUNTY: Accomack (Accomac)

Oil or Gas: Water:XX 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	-	-	-	-
-	-	-	-	-
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 Foods #3
Driller: Sydnor
County: Accomack

W# 3109
C# 347
Total Depth: 325'
Quad:
Elev:

Depth
(feet)

WELL LOG

0-10 Sand - light olive gray (5Y 7/1); medium, sub-angular; very well sorted; quartz; 4% fine black glauconite; garnet.

10-20 Sand - as above, except: fine to granule; poor sorting; sparse glauconite; few clay clasts.

20-30 Sand - as above, except: few sand clasts; 7% fine shell fragments; leaf debris.

30-40 Sand - as above, except: very fine to coarse; 10% very fine glauconite - black; 3% fine shell fragments.

40-50 Sand - as above, except: moderate sorting; 5% glauconite; 20% Mulina Congesta - showing color.

50-60 Sand - as above, except: medium to very coarse; 3% glauconite; rare shell fragments.

60-70 Sand - as above, except: fine to very coarse; poor sorting; 2% glauconite.

70-80 No sample.

80-90 Sand - light olive gray (5Y 6/2); sparse clay clasts; fine to medium; some coarse and very coarse; moderately well sorted; 5% glauconite; rare shell bits.

90-100 Sand - as above, except: (5Y 5/2); 20% shell fragments; echinoderm spines.

100-110 Sand - as above, except: very fine to very coarse; moderate sorting; 7% shell fragments; mica.

110-120 Sand - as above, except: moderate clay.

120-130 Gravel - "salt and pepper;" 50%+ pebbles, 8mm; sparse clay; sand as above, poorly sorted; few shells and fragments - gastropod, Anachis Milleri; Mulina.

130-140 Gravel - as above, except: 95% gravel.

140-150 Gravel - as above, except: 80% gravel; sand as above; 10% shell fragments.

Depth
(feet)

150-160 Sand - light olive gray (5Y 6/1); sparse clay clasts; medium to very coarse; sub-angular; some granules; moderate sorting; quartz; 7% glauconite; 5% shell fragments.

160-170 Sand - as above, except: very fine to very coarse; poor sorting; few shells.

170-180 Sand - as above, except: 15% shell fragments.

180-190 Sand - as above, except: 10% shell fragments.

190-200 Sand - as above, except: very sparse clay clasts; 7% shell fragments.

200-210 Sand - as above, except: moderate sorting.

210-220 Gravel - "salt and pepper;" 80% pebbles (10mm); sand as above; 10%+ shell fragments.

220-230 Gravel - as above, except: 15% shell fragments; some pebbles.

230-240 "Hash" - "salt and pepper;" 70% shell fragments; sand as above; pyrite.

240-250 "Hash" - as above.

250-260 "Hash" - as above, except: 50% shell fragments.

260-270 "Hash" - as above, except: sparse amount quartzite.

270-280 Sand - light olive gray (5Y 6/1); fine to coarse, sub-angular; some very coarse; moderate sorting; quartz; 7% glauconite, fine, black; 15% shell fragments.

280-290 Sand - as above, except: 10% shell fragments.

290-300 Sand - as above, except: 15% shell fragments.

300-310 Gravel - salt and pepper; 5% quartzite - shell clasts; rest pebble (angular and rounded) gravel; no sand.

310-325 Gravel - as above, except: 2% sand as above; few shell fragments.

Logged by: J. K. Polzin
May 9, 1980