

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. Mailing Address: P.O. Box 1537, Salisbury, Md. 21801

TENANT: Perdue Foods, Inc., Ob. well #4 Mailing Address: Accomac, Virginia

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

WELL LOCATION: County Accomack Approx. 80 feet South (direction) of
Rt. 663 and 120 feet West (direction) of Rt. 13

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

DATE STARTED: 5/6/70 DATE COMPLETED: 6/16/70

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 330 feet

WATER LEVEL: Stands 22' 11" feet below surface OR
has NATURAL flow of _____ gallons per minute

YIELD TEST: Method Turbine
Drawdown 120' 10" feet
Rate 280 gal. per min.
Duration 24 hrs., _____ min.

HOLE SIZE: 22 inches from 0 to 83 feet
19 inches from 83 to 320 feet
9 7/8 inches from 320 to 330 feet

WATER ZONES: from 204 to 238 feet
from 256 to 288 feet
from 298 to 304 feet

SCREEN SIZE: 8 inches from 204 to 238 feet
8 inches from 256 to 288 feet
8 inches from 298 to 304 feet
CASE SIZE: 10 inches from +2 to 204 feet
8 inches from 238 to 256 feet
8 inches from 288 to 298 feet
8 x 6 inches from 304 to 310 feet

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

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: 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 No. 1

LOG

FURNISHED BY: Sydnor Hydrodynamics, Inc. DATE: 6/18/70

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	1	Top Soil	
1	6	Brown and red sand	
6	30	Coarse sand	
30	60	Shells, coarse sand and gravel	
60	75	Blue clay	
75	90	Clay - streaks of sand	
90	110	Gray clay	
110	125	Gray clay - shells	
125	150	Sand - clay shells	
150	160	Sand, gravel shells	
160	200	Sand, shells	
200	254	Sand - streaks of hard shells	
254	255	Shell rock	
255	262	Hard shells - some sand	
262	270	Shells	
270	280	Sand - shells	
280	300	Sand - streaks of shell	
300	310	Sand shell - some clay	
310	320	Sand shell	
320	330	Sand - clay and shells	

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

INTERVAL SHEET

Page 1 of 1

C-346
Well Repository No.: W- 3108

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

Sample Interval: from 0 to: 330

PROPERTY: Perdue Foods (Prod. Well #1)

Number of samples: 33

COMPANY: Sydnor Hydrodynamics

Total Depth: 330

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	-	-	-	-
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	-	-	-	-
310-320	-	-	-	-
320-330	-	-	-	-
-	-	-	-	-
-	-	-	-	-

All intervals have both washed and unwashed samples.

Owner: Perdue, Prod #1
Driller: Sydnor
County: Accomack

W# 3108
C# 346
Total Depth: 330'
Quad:
Elev:

Depth
(feet)

WELL LOG

0-10	Sandy gravel - yellowish gray (5Y 7/2); 50% pebble 8mm or larger; sand medium to very coarse, sub-rounded; poor sorting; quartz; 3% fine black glauconite; plant debris.
10-20	Sand - as above, except: 10% pebbles.
20-30	Sand - as above, except: very sparse clay in sand clasts; fine to very coarse; few pebbles.
30-40	Sand - as above, except: 25% pebbles; shell fragments; plant debris.
40-50	Sandy gravel - as above, except: 50% pebbles.
50-60	Clay - light olive gray (5Y 6/1); moderate sand; medium to very coarse; poor sorting; quartz; 5% glauconite.
60-70	Clay - as above.
70-80	Sand - as above, except: sparse clay in clasts; 10% granules.
80-90	Sand - yellow brown (10YR 5/2); moderate clay clasts; sand as above; 7% glauconite.
90-100	Sand - as above, except: clay clasts of 2 colors - red and tan.
100-110	Sand - as above, except: very fine to coarse.
110-120	Sand - as above, except: very fine to very coarse; 8% shell fragments.
120-130	Sand - salt and pepper; 40% shell fragments; sand fine to granule, sub-angular to sub-rounded; poor sorting; quartz; 5% glauconite; rare clast of clay.
130-140	Sand - as above.
140-150	Sand - as above, except: 10% shell fragments; some 15mm pebbles.
150-160	Sand - light olive gray (5Y 6/1); as above - no pebbles.
160-170	Sand - as above, except: 5% shell bits.
170-180	Sand - as above, except: 10% fine black glauconite; sparse shell fragments; shark tooth.

Depth
(feet)

180-190 Sand - as above, except: 2% shell fragments; phosphatic bone fragments.

190-200 Sand - as above, except: 7% granules; 5% shell fragments.

200-210 Sand - as above, except: medium to granules; 10% granules; 3% shell bits.

210-220 Gravel - as above, except: 50% gravel 5mm; very fine to very coarse; poor sorting; 10% glauconite; 15% shell fragments.

220-230 Sand - color as above; medium to very coarse; sub-angular; poor sorting; quartz; 7% glauconite; 12% shell fragments.

230-240 Sand - as above, except: 10% shell fragments.

240-250 Hash - "salt and pepper;" 50% fine shell fragments; moderate sorting; 20% glauconite.

250-260 Sand - light olive gray (5Y 5/1); medium to coarse; 25% shell fragments.

260-270 Sand - as above, except: some granules; 7% glauconite; 30% shell fragments.

270-280 Sand - as above.

280-290 Hash - as above, except: quartz clasts; medium to very coarse; some granules; 10% glauconite (black); few pebbles; 5% shell fragments.

290-300 Hash - as above; 50% clasts of quartz, medium to coarse; poorly sorted; some shell fragments.

300-310 Hash - as above, except: 90% clasts - shell fragments and quartzite; sand as above; ochre staining on many fragments.

310-320 Sand - as above, except: very fine to very coarse; poor sorting; quartz; 25% shell - quartzite fragments; 7% glauconite.

320-330 Sand - as above, except: 30% shell fragments; few pebbles.

Logged by: J. K. Polzin
May 8, 1980