

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: Box 1537, Salisbury, Md. 21801

TENANT: Perdue Foods, Inc., Prod. Well #4 Mailing Address: Accomac, Virginia

DRILLER: Sydnor Hydrodynamics, Inc. Mailing Address: P.O. Box 27186, Richmond, VA 23261

WELL LOCATION: County Accomac Approx. 1700 ^{feet} ~~xxxx~~ Southwest (direction) of
Rt. 663 and 3000 ^{feet} ~~xxxx~~ Northwest (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: 5/25/72 DATE COMPLETED: 7/14/72

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 331 feet

WATER LEVEL: Stands 70' 5 1/2" feet below surface OR
has NATURAL flow of _____ gallons per minute

YIELD TEST: Method Turbine
Drawdown 109 feet
Rate 302 gal. per min.
Duration 24 hrs., _____ min.

HOLE SIZE: 22 inches from 0 to 120 feet
17 inches from 120 to 317 feet
9-7/8 inches from 317 to 331 feet

WATER ZONES: from 218 to 244 feet
from 260 to 304 feet
from _____ to _____ feet

SCREEN SIZE: 8 inches from 218 to 244 feet
8 inches from 260 to 304 feet
_____ inches from _____ to _____ feet

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

CASE SIZE: 10 inches from +2 to 218 feet
8 inches from 244 to 260 feet
_____ inches from _____ to _____ feet

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

GROUTING: Method Pressure
Material Cement & Water Depth 170 feet

WATER ANALYSIS AVAILABLE: Yes XX No _____

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

DRILL CUTTINGS SAVED: Yes XX 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: Well #4 Electric and Gamma Log Ran.

LOG

FURNISHED BY: Sydnor Hydrodynamics, Inc.

DATE: 7-14-72

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	Yellow Sandy Clay	
10	20	Gray Sand	
20	30	Brown Sand	
30	40	Gray Sand and Gravel	
40	50	Brown Sand	
50	58	Sand, Gravel	
58	61	Shell Rock	
61	120	Blue Sandy Clay and Shells	
120	180	Gray Sandy Clay and Shells	
180	190	Gray Sand	
190	225	Gray Clay and Shells	
225	259	Gray Sandy Clay and Shells	
259	261	Shell Rock	
261	263	Gray Clay and Shells	
263	275	Shell Rock	
275	299	Gray Sandy Clay and Shells	
299	302	Shell Rock	
302	318	Gray Sandy Clay and Shells	
318	325	Shell Rock	
325	331	Gray Sandy Clay and Shells	
		33 samples	

(Use additional forms if necessary)

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

INTERVAL SHEET

Page 1 of 1
 Date rec'd: 8-21-72 Date Processed: 11-15-72
 PROPERTY: Perdue Foods, Inc.
 COMPANY: Sydnor
 COUNTY: Accomack (Accomac)

C-357
 Well Repository No.: W- 3636
 Sample Interval: from 0 to: 330
 Number of samples: 33
 Total Depth: 331'
 Oil or Gas: Water: XX Exploratory:

From-To	From-To	From-To	From-To	From-To
0-10	300-310	-	-	-
10-20	310-320	-	-	-
20-30	320-330	-	-	-
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	-	-	-	-

All intervals have both washed and unwashed samples.

Owner: Perdue Foods
Driller: Sydnor
County: Accomack

W# 3636
C# 357
Total Depth: 330
Quad:
Elev:

Depth
(feet)

0-10	Sand - dark yellow orange (10YR 6/4); sparse clay; medium to very coarse; poorly sorted; quartz.
10-20	Sand - yellowish gray (5Y 8/1); medium to very coarse; poor sorting; quartz.
20-30	Sand - as above, except: 1% fine black glauconite.
30-40	Sand - as above, except: medium to granule; 50% granules; shell fragments.
40-50	Sand - as above, except: moderate sorting; medium to granule.
50-60	Sand - as above, except: poor sorting; 1% glauconite.
60-70	Sand - light olive gray (5Y 6/1); moderate clay clasts; medium to granule; poor sorting; 1% glauconite; shell fragments.
70-80	Sand - as above, except: abundant clay.
80-90	Sand - as above.
90-100	Sand - as above, except: sparse clay; 7% glauconite; 1% shell fragments.
100-110	Sand - as above.
110-120	Sand - as above.
120-130	Sand - as above, except: very sparse clay; medium to very coarse; some granules; moderate sorting; 10% fine shell fragments.
130-140	Sand - as above, except: medium to very coarse; moderately well sorted; 20% fine shell fragments.
140-150	Sand - as above, except: 15% shell fragments.
150-160	Sand - as above, except: 30% shell fragments.
160-170	Sand - as above.
170-180	Sand - as above, except: 15% shell bits.

Depth
(feet)

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

190-200 Sand - as above, except: 25% shell fragments.

200-210 Sand - as above, except: medium and coarse; few very coarse; well sorted; 7% glauconite; 10% shell fragments.

210-220 Shell Hash - "salt and pepper;" 80% shell fragments - Balanus; sand - as above.

220-230 Sand - light olive gray (5Y 6/1); medium and coarse; moderate sorting; 7% green and black glauconite; 10% shell fragments.

230-240 Shell Hash - "salt and pepper;" 80% shell fragments; sand - medium to granule; phosphatic chips.

240-250 Shell Hash - as above.

250-260 Sand - olive gray (5Y 4/1); moderate clay; sand, medium and coarse; some granules; poor sorting; quartz; glauconite; 40% shell fragments.

260-270 Sand - as above.

270-280 Sand - as above, except: 25%+ quartzite fragments; 25%+ shell fragments.

280-290 Sand - as above, except: moderate clay clasts, sand as above; 5% shell fragments; quartzite fragments.

290-300 Sand - as above, except: sparse clay; fine to coarse; moderately sorted sand; 5% glauconite; 2% shell fragments.

300-310 Sand - as above, except: moderate clay; 10% shell bits.

310-320 Clay - sand - as above, except: abundant clay; abundant sand; 5% shell fragments.

320-330 Sand - as above, except: abundant clay; sand clasts.

Logged by: J. K. Polzin
May 20, 1980