

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., Ob. well #3 Mailing Address: Salisbury, Maryland 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. 72 ^{feet}~~miles~~ South (direction) of
Route #663 and .3 ^{feet}~~miles~~ West (direction) of Route #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: 2/26/70 DATE COMPLETED: 3/9/70

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 300 feet

WATER LEVEL: Stands 22' Top - top of pipe surface OR
has NATURAL flow of _____ gallons per minute

YIELD TEST: Method Air Lift
Drawdown 150 feet
Rate 70 gal. per min.
Duration 2 hrs., _____ min.

HOLE SIZE: 8-3/4 inches from 0 to 75 feet
4-3/4 inches from 75 to 300 feet
_____ inches from _____ to _____ feet

WATER ZONES: from _____ to _____ feet
from _____ to _____ feet
from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

CASE SIZE: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

GROUTING: Method None
Material _____ Depth _____ feet

WATER ANALYSIS AVAILABLE: Yes _____ No XX

PUMP: Type _____
Capacity _____ gal per min

DRILL CUTTINGS SAVED: (30) Yes XX No _____

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: Observation #3 Well - approximately 3,000 feet north of pumping well #1
Electric log ran

LOG

FURNISHED BY: Sydnor Hydrodynamics, Inc.

DATE: 3/11/70

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	20	Brown Sand	
20	60	Gray Sand	
60	70	Coarse Gray Sand	
70	90	Silty Gray Clay	
90	120	Gray Clay and Shells	
120	150	Fine Sand - Shells	
150	170	Gray Fine Sand - Shells	
170	180	Gray Sand	
180	190	Coarse Gray Sand	
190	200	Gray Clay	
200	210	Fine Green Sand	
210	220	Fine Sand and Shell	
220	240	Dark Gray Shell	
240	260	Shells with Gray Clay	
260	280	Hard - Soft Streaks of shell	
280	290	Fine Gray Sand	
290	300	Gray Clay and Shells	

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

INTERVAL SHEET

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Well Repository No.: C-345 W- 2809

Date rec'd: 4-20-70 Date Processed: 4-28-70

Sample Interval: from 0 to: 300

PROPERTY: Perdue Foods Inc.
 Observation Well #3

Number of samples: 30

COMPANY: Sydnor Hydrodynamics Inc.

Total Depth: 300'

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	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

All intervals have both washed and unwashed samples.

Owner: Perdue #3
Driller: Sydnor
County: Accomack

W# 2809
C# 345
Total Depth 300'
Quad.

Depth
(feet)

WELL LOG

0-10 Sand - moderate yellow brown (10YR 5/4); medium to very coarse; sub-rounded; moderately well sorted; quartz; 4% black glauconite.

10-20 Sand - yellowish gray (5Y 7/2); medium to granule; moderate sorting.

20-30 Sand - as above.

30-40 Sand - as above, except: 10% granules; poor sorting.

40-50 Sand - as above, except: (5Y 9/1); medium and coarse; well sorted; 5% fine black glauconite; mica.

50-60 Sand - as above.

60-70 Sand - as above, except: medium to very coarse; moderate sorting.

70-80 Sand and Clay - light olive gray, (5Y 6/1); abundant clay; medium to granule; sub-rounded; few pebbles; poor sorting; quartz; 6% glauconite; bone fragments.

80-90 Sand - as above, except: abundant clay in clasts, red and gray; sand as above.

90-100 Sand - moderate olive gray (5Y 4/1); moderate clay in clasts; medium to coarse; well sorted; 10% glauconite.

100-110 Sand - light olive gray (5Y 5/1); abundant loose clay; abundant sand as above; mica.

110-120 Sand - as above, except: 3% glauconite; 1% mica; few shell bits.

120-130 Sand - as above, except: clay in clasts; 15% shell fragments; no mica.

130-140 Sand - as above, except: sparse clay in clasts; medium to very coarse; moderate sorting; 1% black glauconite; 35% shell fragments; mollusks; Glycimeris Subovata; Ensis Directus; Mulina Congesta; Pyacoides; Turritella; Oliva Litterata; Polinices Heros; Balanus; echinoderms.

Depth
(feet)

140-150 Sand - as above, except: Venicardium Altiasta; Dentalium Alternatum.

150-160 Sand - as above, except: 20% shell fragments.

160-170 Sand - as above, except: poor sorting; 15% shell bits.

170-180 Sand - as above, except: fine to very coarse; few granules; moderate sorting; lignite; 5% shell fragments.

180-190 Sand - as above, except: sand clasts; medium to granule; poor sorting; 5% glauconite; 7% shell fragments; lignite.

190-200 Clay - light olive gray (5Y 5/1); abundant clay; sparse sand as above.

200-210 Sand - light olive gray (5Y 5/2); very sparse clay in small clasts; medium to very coarse; well sorted; 40% glauconite; shell bits rare.

210-220 Sand - as above, except: 40% shell fragments; 10% glauconite; feldspar.

220-230 "Shell Hash" - "Salt and pepper," 90% shell fragments, reworked; sand as above; poor sorting, no clay.

230-240 "Shell Hash" - "Salt and pepper," as above.

240-250 "Shell Hash" - "Salt and pepper," as above, except: sparse clay clasts; 50% shell fragments.

250-260 "Shell Hash" - "salt and pepper;" moderate clay in clasts; 40% shell fragments; sand as above.

260-270 "Shell Hash" - "salt and pepper" as above, except: quartzite clasts and on shell fragments.

270-280 "Shell Hash" - "salt and pepper" as above, except: 50% shell fragments; sand medium to coarse; some granules; moderate sorting; 7% glauconite.

280-290 Sand - as above, except: 20% shell fragments.

290-300 Sand - as above, except: moderate silt; sand clasts; 3% shell fragments; sparse glauconite.

Logged by: J. K. Polzin
May 7, 1980