

COMMONWEALTH OF VIRGINIA

W-2808
C-343

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

Box 3667
Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Perdue Foods, Inc., ob. well #1 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. 115 ^{feet}~~miles~~ North (direction) of
Route #662 and 1,200 ^{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: 2/18/70 DATE COMPLETED: 3/9/70

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 290 feet

WATER LEVEL: Stands 28'7" top - top of surface OR pipe
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Air Lift
Drawdown _____ feet
Rate 15 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 290 feet
_____ inches from _____ to _____ feet

SCREEN SIZE: 2 inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

CASE SIZE: 2 inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

SEE ATTACHED

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.
Depth of intake _____ feet

DRILL CUTTINGS SAVED: ⁽²⁹⁾ 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: _____

#1 Observation Well - 50' north of pumping well

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	2	Top Soil	
2	30	Gray & White Sand	
30	40	Silty Gray Sand	
40	50	Silty Gray Sand - Thin Clay Streaks	
50	68	Coarse Sand - Gravel	
68	86	Gray Clay	
86	105	Fine Gray Sand	
105	130	Gray Clay - Shells	
130	150	Silty Gray Clay - Shells	
150	190	Gray Sand - Shells	
190	230	Clay - Shells & Silty Sand	
230	267	Shells - Clay mixed with sand	
267	290	Hard Shell Rock - streaks of clay and silty sand	

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

INTERVAL SHEET

C-343

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Well Repository No.: W- 2808

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

Sample Interval: from 0 to: 290

PROPERTY: Perdue Foods
 Observation Well #1

Number of samples: 29

COMPANY: Sydnor Hydrodynamics

Total Depth: 290'

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

All intervals have both washed and unwashed samples.

Owner: Perdue #1
Driller: Sydnor
County: Accomack

W# 2808
C# 343
Total Depth 290
Quad:

Depth
(feet)

WELL LOG

0-10	Sand - yellowish gray (5Y 8/1); medium and coarse, sub-angular; well sorted; quartz; 1% fine glauconite.
10-20	Sand - as above, except: few very coarse.
20-30	Sand - as above, except: fine to very coarse, moderate sorting.
30-40	Sand - as above, except: fine to coarse; few very coarse.
40-50	Sand - as above, except: medium to very coarse; poor sorting; 5% fine glauconite; <u>Mulina Congesta</u> ; chromium mica.
50-60	Sand - as above, except: few large (10mm) pebbles.
60-70	Sand - as above, except: medium and coarse; well sorted; 1% glauconite.
70-80	Sand - pale olive green (10Y 6/2); sand as above; 20% glauconite.
80-90	Sand - as above, except: sparse clay clasts; medium to very coarse; poor sorting; pebble; quartz.
90-100	Sand - as above, except: no pebbles.
100-110	Sand - as above.
110-120	Sand - as above, except: 10% shell fragments - mollusks - <u>Glycimeris</u> , <u>Nuculana</u> ; barnacles.
120-130	Sand - as above.
130-140	Sand - light olive gray (5Y 6/1); medium and coarse; sub-angular to sub-rounded; moderate sorting; quartz; 10% glauconite; 7% shell fragments - as above; <u>Mulina Congesta</u> ; echinoderm spines.
140-150	Sand - as above, except: some very coarse; 5% glauconite; 10% shell fragments - <u>Corbula Inaequalis</u> .
150-160	Sand - as above, except: medium and coarse; well sorted; 7% shell fragments.
160-170	Sand - as above, except: 15% shell fragments; <u>Ensis</u> ; <u>Nuculana</u> ; <u>Chione</u> .

Depth
(feet)

170-180 Sand - as above, except: 1% glauconite; no shells.

180-190 Sand - as above.

190-200 Sand - as above, except: 3% shell fragments; garnet.

200-210 Sand - as above, except: very sparse clay clasts; yellow; tan; gray and grains; very coarse grained sand clasts; 10% shell fragments; chela of crustacean (crab?).

210-220 Clay - as above, except: abundant granular clay; abundant sand; few granules; poor sorting; 3% shell fragments.

220-230 Sand - as above, except sparse clay; medium and coarse sand; 10% mixed glauconite; 2% large shell fragments.

230-240 "Hash" - "salt and pepper;" 50% shell fragments - light and dark; 15% glauconite; rest as above.

240-250 Hash - salt and pepper - as above; 40% shell fragments; 10% glauconite.

250-260 Hash - salt and pepper - as above; moderate clay.

260-270 Hash - salt and pepper; 90% shell fragments; 10% sand - fine to very coarse; poor sorting; very sparse clay.

270-280 Sand - pale olive (10Y 6/2); medium to very coarse; sub-rounded; moderate sorting; quartz; 10% glauconite.

280-290 Sand - as above, except: fine to granule; poor sorting; sparse shell bits.

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