

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., obs. well #2 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. 315 <sup>feet</sup> ~~yards~~ North (direction) of  
Route #662 and 1,200 <sup>feet</sup> ~~yards~~ (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: 2/23/70 DATE COMPLETED: 3/9/70

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 200 feet

WATER LEVEL: Stands 25'5" Top - top of surface OR pipe  
has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method Air Lift  
Drawdown \_\_\_\_\_ feet  
Rate 17 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

WATER ZONES: from \_\_\_\_\_ to \_\_\_\_\_ feet  
from \_\_\_\_\_ to \_\_\_\_\_ feet  
from \_\_\_\_\_ to \_\_\_\_\_ feet

SEE ATTACHED

SCREEN SIZE: 2 inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches 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

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

GROUTING: Method None  
Material \_\_\_\_\_ Depth \_\_\_\_\_ feet

WATER ANALYSIS AVAILABLE: Yes \_\_\_\_\_ No XX  
DRILL CUTTINGS SAVED: (27) 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: #2 Observation Well - 250' north of pumping well

LOG

FURNISHED BY: Sydnor Hydrodynamics, Inc. DATE: 3/11/70

| DEPTH (feet) |     | TYPE OF ROCK OR SOIL PENETRATED<br>(gravel, clay, etc., hardness, color, etc.) | REMARKS<br>(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 and Silty Sand   |  |
| 230          | 267 | Shells - Clay mixed with sand  |  |
| 267          | 290 | Hard Shell - Rock - Streaks of clay and silty sand                             |  |

SEE ATTACHED



Owner: Perdue Foods  
Driller: Sydnor  
County: Accomack

W# 2807  
C# 344  
Total Depth 280'  
Quad:

Depth  
(feet)

WELL LOG

0-10 Sand - very pale orange (10YR 8/2); medium and coarse; sub-rounded; moderately well sorted; quartz.

10-20 Sand - as above, except: medium to very coarse; 2% fine black glauconite.

20-30 Sand - as above, except: poor sorting.

30-40 Sand - yellowish gray (5Y 8/1); fine to very coarse; poor sorting; 7% glauconite.

40-50 Sand - as above, except: medium grained; very well sorted; 5% glauconite; mica; rare, very small clay clasts.

50-60 Sand - light olive gray (5Y 6/1); sparse clay in sand clasts; medium to very coarse; poor sorting; few shell fragments.

60-70 Sand - as above, except: bone chips - phosphatic.

70-80 No sample.

80-90 Sand - light olive gray (5Y 5/2); sparse clay in clasts, gray, tan, orange, red, etc.; fine to very coarse; some granules and pebbles; sub-rounded; poor sorting; 8% glauconite.

90-100 Sand - as above.

100-110 Sand - as above, except: 10% shell fragments.

110-120 Sand - as above, except: moderate clay; 25% shell fragments.

120-130 Clay - as above, except: abundant clay; fine to very coarse; some granules; 10% shell fragments.

130-140 Sand - as above, except: moderate clay; medium and coarse grained sand; 45% shell fragments; mollusks; Policines Heros; Mulina Congesta; Nuculana Acuta; Venicardia Altista; and Balauus.

140-150 Shells - "salt and pepper;" 90% macro-sized shells, as above; Glycimeris, Subovata; Chiones.

Depth  
(feet)

150-160 Sand - light olive gray (5Y 6/1); abundant clay in sand clasts; fine to coarse; well sorted; 8% fine black glauconite; 5% shell fragments - Nuculana.

160-170 Sand - as above, except: 3% shell fragments.

170-180 Sand - as above, except moderate clay; medium to very coarse; poor sorting; no shells.

180-190 Sand - as above.

190-200 Sand - as above, except: 10% shell fragments.

200-210 Sand - as above, except: medium to very coarse; moderate sorting; 5% shell fragments.

210-220 Clay - light olive gray (5Y 6/1); abundant clay; sparse sand, as above.

220-230 Clay - as above, except: moderate sand; some granules; 7% glauconite; 2% shell bits.

230-240 Hash - "salt and pepper;" moderate clay; 50% shell fragments; medium to very coarse; 8% glauconite; black phosphatic fragments; pyrite.

240-250 Sand - as above, except: moderate clay in clasts; medium and coarse; some very coarse; moderate sorting; 6% shell fragments; echinoderm spines.

250-260 Sand - as above, except: abundant clay; 40% reworked shell fragments.

260-270 Hash - "salt and pepper;" 50% shell fragments; sparse clay; 5% glauconite.

270-280 Sand - as above, except: sparse clay in sand clasts; medium and coarse; sub-rounded; well sorted; 5% shell fragments; echinoderm spines.

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