

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-5792  
C-375

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

23230

OWNER: State Water Control Board Mailing Address: 2111 Hamilton St., Richmond, VA.

TENANT: Same Mailing Address: \_\_\_\_\_

DRILLER: Delmarva Drilling Co., Inc. Mailing Address: P.O. Box Bridgeville, D.E. 19933

WELL LOCATION: County Accomack-Oceanside Approx. \_\_\_\_\_ feet miles \_\_\_\_\_ (direction) of \_\_\_\_\_  
and \_\_\_\_\_ feet miles \_\_\_\_\_ (direction) of \_\_\_\_\_

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

DATE STARTED: 5-23-77 DATE COMPLETED: 5-25-77

TYPE OF DRILL RIG USED: rotary TOTAL DEPTH 400 feet

WATER LEVEL: Stands 5 feet below surface OR  
has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method pump  
Drawdown \_\_\_\_\_ feet  
Rate 15 gal. per min.  
Duration 5 hrs., \_\_\_\_\_ min.

HOLE SIZE: 4 inches from 0 to 306 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
SCREEN SIZE: 4 inches from 296 to 306 feet

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

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
CASE SIZE: 4 inches from 0 to 296 feet

WATER: Color \_\_\_\_\_ Taste \_\_\_\_\_  
Odor \_\_\_\_\_ Temp. \_\_\_\_\_ °F

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

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

GROUTING: Method \_\_\_\_\_  
Material cement Depth 30 feet

WATER ANALYSIS AVAILABLE: Yes \_\_\_\_\_ No \_\_\_\_\_

PUMP: Type \_\_\_\_\_  
Capacity \_\_\_\_\_ gal per min  
Depth of intake \_\_\_\_\_ feet

DRILL CUTTINGS SAVED: Yes X 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: Logged by Delaware Geological Survey

# LOG

FURNISHED BY: Delmarva Drilling Company, Inc.

DATE: 5/23/27

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	12	Fine - medium tan soil	
12	21	Fine - gray sand	
21	34	Fine Gray sand w/ shell	
34	56	Fine gray sand w/ shell & clay	
56	136	Soild Blue clay (thinned water)	
136	157	Fine med. sand (white & gray)	
157	176	Blue clay	
176	221	Sand w/ clay & shell layers	
221	224	Sand & shell fine med.	
224	231	Fine sand w/shell & 30% clay	
231	282	Clay gray w/shell layers	
282	301	Sand w/ 50% shell w/clay layers	
301	319	Cement sand w/shell w/clay layers	
319	320	Hard shell	
320	400	Fine sand w/clay & shell	

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

INTERVAL SHEET

C-375

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Well Repository No.: W-5792

Date rec'd: 3/1/79 Date Processed: 2/25/80

Sample Interval: from 0 to:400

PROPERTY: SWCB - BAYLUS NECK -CES 77-102

Number of samples: 40

COMPANY: DELMARVA DRILLING CO.

Total Depth: 400

COUNTY: ACCOMAC (NASSAWADOX)

Oil or Gas: Water:  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	330-340	-	-	-
40 - 50	340-350	-	-	-
50 - 60	350-360	-	-	-
60 - 70	360-370	-	-	-
70 - 80	370-380	-	-	-
80 - 90	380-390	-	-	-
90 - 100	390-400	-	-	-
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	-	-	-	-

SPLIT WASH

OWNER: SWCB ES-77-102

W# 5792

C# 375

DRILLER: Delmarva Drilling Co.

TOTAL DEPTH: 400'

QUAD: Nassawadox

COUNTY: ACCOMACK (Oceanside)

ELEV: 7'

GEOLOGIC LOG

Depth  
(feet)

- 0 - 10 Sand, grayish orange (10 7/4); bimodal sorting, very fine-grained or very coarse-grained to granule, poorly sorted; coarse material-quartz, feldspar, shell fragments, muscovite, glauconite, and rock fragments; fine grains-quartz, chlorite, biotite, muscovite, opaques and heavies.
- 10 - 20 Same as above.
- 20 - 30 Sand, light olive gray ( 5Y 6/1 ), quartz, 1% shell fragments, opaques, heavies, biotite, chlorite; very fine-grained with granules, well sorted, angular to subangular.
- 30 - 40 Same as above with 5% shell fragments, bivalves (juvenile), echinoid spines.
- 40 - 50 Same as above, no granules.
- 50 - 60 Clay, silty, light olive gray (5Y 6/1), micaceous, trace of shell.
- 60 - 70 Same as above.
- 70 - 80 Same as above.
- 80 - 90 Same as above.
- 90 - 100 Same as above, with more silt and less clay.
- 100 - 110 Silt, sandy, light olive gray (5Y 6/1); sand-very fine-grained, micaceous.
- 110 - 120 Same as above with numerous slightly reddish tinged chips, juvenile bivalve shells.
- 120 - 130 Sand, silty, light olive gray (5Y 6/1), quartz, glauconite, muscovite, shell fragments, very fine-grained, well sorted.
- 130 - 140 Same as above.
- 140 - 150 Sand, light olive gray (5Y 6/1), quartz, 5% rock fragments, 1% glauconite, angular shell fragments and small bivalves, medium-to very coarse-grained, moderately sorted, rounded to subrounded.
- 150 - 160 Same as above.
- 160 - 170 Sand/silt, clayey, light olive gray (5Y 6/1), micaceous, quartz, trace of shell fragments.
- 170 - 180 Same as above.

Depth  
(feet)

- 180 - 190 Sand, light olive gray (5Y 6/1), quartz, 1% glauconite, shell fragments; coarse-to very coarse-grained, granules, poorly sorted rounded to subrounded.
- 190 - 200 Sand, light olive gray (5Y 6/1), quartz, 1 to 5% glauconite, 10% shell fragments(worn); medium- to very coarse-grained, rounded granules, poorly sorted, rounded to subrounded.
- 200 - 210 Sand, light olive gray (5Y 6/1), 50 to 70% shell fragments, gastropods and bivalves; quartz and glauconite.
- 210 - 220 Same as above with rounded granules and very fine pebbles.
- 220 - 230 Same as above with finer shell fragments.
- 230 - 240 Same as above with abundant glauconite.
- 240 - 250 Same as above.
- 250 - 260 Same as above.
- 260 - 270 Sand, light olive gray (5Y 6/1), 15 to 25% shell fragments, quartz, 5% glauconite, 1% muscovite; very fine-grained, well sorted, shark's tooth.
- 270 - 280 Same as above.
- 280 - 290 Same as above with 70% shell fragments.
- 290 - 300 Same as above.
- 300 - 310 Same as above with 25% shell fragments, Chesapecten, silty, calcareous cement.
- 310 - 320 Same as above.
- 320 - 330 Same as above with gastropods, Anachis, Turritella plebeia, Uzita, whole bivalves, trace of pea gravel.
- 330 - 340 Same as above with 50% shell fragments, Strombiformis, bivalves, Chesapecten.
- 340 - 350 Same as above with Anachis, Strombiformis, Natica, Turritella plebeia, Corbicula, bivalves, bryozoans, Chesapecten.
- 350 - 360 Same as above with Anachis, Strombiformis, Natica, Turritella plebeia, bivalves, bryozoans, Chesapecten.
- 360 - 370 Same as above with Anachis, Natica, bryozoans, Chesapecten, bivalves, Dentalium.
- 370 - 380 Same as above with Nucula, Anachis, Dentalium, Natica, bryozoans, bivalves, Chesapecten.
- 380 - 400 Same as above.