

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-3581
C-355

MAILING ADDRESS:

Box 3667

Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:

McCormick Road

Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Commonwealth of Virginia Mailing Address: 1221 E. Broad St., Richmond, VA

TENANT: Department of Highways Mailing Address:

DRILLER: Delmarvic Drilling Company, Inc. Mailing Address: Box 125, Bridgeville, Del.

WELL LOCATION: County Accomack Approx. 4 ~~feet~~ miles North (direction) of

Accomac, Virginia, on U.S. 13 and 300 feet West (direction) of U.S. 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: April 24, 1972 DATE COMPLETED: April 26, 1972

TYPE OF DRILL RIG USED: Failing 1500 TOTAL DEPTH 136' 11" feet

WATER LEVEL: Stands 26' 6" feet below surface OR Pilot hole to 160'

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Pump

Drawdown 68 feet

Rate 66 gal. per min.

Duration 16 hrs., _____ min.

WATER ZONES: from 123 to 144 feet

from _____ to _____ feet

from _____ to _____ feet

WATER: Color Clear Taste O.K.

Odor none Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____

Farm _____ Town _____ School _____

Industry _____ Other _____

WATER ANALYSIS AVAILABLE: Yes _____ No _____

DRILL CUTTINGS SAVED: Yes 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:

HOLE SIZE: 15 inches from 0 to 160 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

SCREEN SIZE: 6 inches from 125' 6 1/2" to 136 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: 6 inches from 0 to 125' 6 1/2" feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

GROUTING: Method pressure grout

Material cement Depth 0-65' feet

PUMP: Type _____

Capacity _____ gal. per min

Depth of intake _____ feet

(LOG OF WELL) OVER

COMMONWEALTH OF VIRGINIA

LOG

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

FURNISHED BY: _____

DATE: _____

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	11	Fine to med. brown sand	
11	29	Fine to med. tan sand	
29	53	Fine to med. gray sand w/ 2% shell	
53	64	Fine to med. gray sand w/ 2% shell, 8% clay	
64	74	Blue clay & 5% clay	
74	86	Fine to med. gray sand w/ 1% clay	
86	123	Blue clay and fine gray sand w/ wood	
123	144	Fine to med. white sand w/ shell 10%	
144	160	Gray clay	

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

INTERVAL SHEET

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Well Repository No.: C-355
 W- 3581

Date rec'd: 6-22-72 Date Processed: 8-29-72

Sample Interval: from 0 to:160

PROPERTY: Va. Dept. of Highways

Number of samples: 33

COMPANY: Delmarvic Drilling Co.

Total Depth: 160'

COUNTY: Accomack (Accomac)

Oil or Gas: Water:XX Exploratory:

From-To	From-To	From-To	From-To	From-To
0-5	145-150	-	-	-
5-10	150-155	-	-	-
10-15	155-160	-	-	-
15-20	-	-	-	-
20-25	-	-	-	-
25-30	-	-	-	-
30-35	-	-	-	-
35-40	-	-	-	-
40-45	-	-	-	-
45-50	-	-	-	-
50-55	-	-	-	-
55-60	-	-	-	-
60-65	-	-	-	-
65-70	-	-	-	-
70-75	-	-	-	-
75-80	-	-	-	-
80-85	-	-	-	-
85-90	-	-	-	-
90-95	-	-	-	-
95-100	-	-	-	-
100-105	-	-	-	-
105-110	-	-	-	-
110-115	-	-	-	-
115-120	-	-	-	-
120-125	-	-	-	-
126-136	-	-	-	-
125-130	-	-	-	-
130-135	-	-	-	-
135-140	-	-	-	-
140-145	-	-	-	-

All intervals have both washed and unwashed samples.

Owner: Va. Dept. Highways
Driller: Delmarvic
County: Accomack

W# 3581
C# 355
Total Depth: 160'
Quad:
Elev:

Depth
(feet)

0-5	Sand - moderate yellow brown (10YR 6/4); medium to granule; sub-rounded; poorly sorted; quartz.
5-10	Sand - as above.
10-15	Sand - yellowish gray (5Y 7/2); as above, except: moderate sorting.
15-20	Sand - as above.
20-25	Sand - as above, except: 7% very fine black glauconite.
25-30	Sand - as above, except: 10% glauconite; medium to granule; 2% shell fragments, <u>Mulina</u> .
30-35	Sand - as above, except: sparse sand clasts of gray color; medium to very coarse; some granules; 7% shell fragments.
35-40	Sand - light olive gray (5Y 6/1); medium to coarse; well sorted; 3% glauconite; 5% shell fragments; forams.
40-45	Sand - as above, except: 2% shell fragments.
45-50	Sand - as above.
50-55	Sand - as above, except: medium to very coarse; 5% shell fragments; mollusks - <u>Mitrella Waccamawensis</u> ; <u>Corbula Ineq.</u>
55-60	Sand - as above.
60-65	Sand - moderate olive gray (5Y 5/1); moderate clay; sand as above; 5% shell bits.
65-70	Sand - as above, except: 10% shell fragments.
70-75	Sand - as above, except: medium to granule.
75-80	Clay - as above, except: abundant clay in clasts; sand as above; 5% shell fragments.
80-85	Sand - as above, except: coarse to very coarse; clay coated.
85-90	Sand - as above, except: sparse clay clasts.

Depth
(feet)

90-95 Sand - as above, except: moderate clay clasts; medium to very coarse.

95-100 Clay - as above, except: moderate sand as above.

100-105 Clay - as above, except: sparse sand, medium to granule; poor sorting.

105-110 Clay - as above.

110-115 Clay - as above.

115-120 Clay - as above, except: sand, medium to very coarse.

120-125 Clay - sand - as above, except: equal portions clay; sand.

126-136 Sand - as above, except: no clay; medium and coarse; well sorted sand; 1% glauconite; 2% shell fragments.

*

135-140 Gravel - as above, except: very sparse clay in clasts; 50% granules.

140-145 Shell Hash - as above, except: sparse gravel; 50% shell fragments; sand, medium to very coarse.

145-150 Shell Hash - as above, except: 80% shell fragments.

150-155 Shell Hash - as above, except: 50% shell fragments; iron stained; few pebbles.

155-160 Shell Hash - as above, except: 40% shell fragments; iron stained; sparse clay in clasts; medium and coarse sand; no glauconite.

* In alternate washed sample 125-130; 130-135, there was 50% granules; sparse clay clasts.

Logged by: J. K. Polzin
May 19, 1980