

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-5802  
C-364

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: Town of Chincoteague Mailing Address: 403 N. Main St., Chincoteague, VA  
23336

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

DRILLER: Delmarva Drilling Co., Inc. Mailing Address: P.O. Box 188, Bridgeville, DEL 19933

WELL LOCATION: County Accomack Approx. 900 ~~feet~~ <sup>miles</sup> XXXX N. (direction) of \_\_\_\_\_  
pump house and 80 ~~feet~~ <sup>miles</sup> XXXX W. (direction) of fence

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

DATE STARTED: 11-15-77 DATE COMPLETED: 11-18-77

TYPE OF DRILL RIG USED: \_\_\_\_\_ TOTAL DEPTH 238' feet

WATER LEVEL: Stands 16 feet below surface OR \_\_\_\_\_  
has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method \_\_\_\_\_  
Drawdown 71' 16" feet  
Rate 201 gal. per min.  
Duration 24 hrs., \_\_\_\_\_ min.

HOLE SIZE: \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

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

SCREEN SIZE: 6 inches from 154 to 159 feet  
6 inches from 180 to 185 feet  
6 inches from 192 to 197 feet  
6 " " 210 " 225 "

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

CASE SIZE: 6 inches from 0 to 154 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

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

GROUTING: Method \_\_\_\_\_  
Material \_\_\_\_\_ Depth 140 feet

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

PUMP: Type Peerless VTP  
Capacity 200 gal per min  
Depth of intake 135 feet

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: 26\*-samples are from one of adjacent "cluster wells" according to Giles (1/23/79)

Electric log and gamma log  
Pump test, T, samples (soil) \_\_\_\_\_ Giles 1/19/79

LOG

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	12	Fine to coarse gray sand	
12	21	Fine to coarse sand & shell w/clay	
21	27	Orange - gray - brown clay	
27	42	Brown clay	
42	52	Fine - coarse tan sand	
52	53	Rocks - gravel	
53	54	Gravel & clay	
54	73	Brown clay	
73	84	Clay - shell - sand	
84	100	Blue clay	
100	117	Hard gray clay	
117	127	80% shell w/fine sand w/clay layers 2%	
127	156	Blue clay w/2% shell	
156	162	Fine - coarse gray sand	
162	181	Clay, 95% & 5% sand	
181	184	Fine - coarse sand	
184	187	Sand & shell & clay	
187	207	95% clay & shell 5%	
207	208	Shell 80% & clay 20%	
208	228	Shell	
228	238	Blue clay w/5% shell	

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

INTERVAL SHEET

Page 1 of 1

Well Repository No.: C-364  
 W-5802

Date rec'd: 1-3-79 Date Processed: 3-3-80

Sample Interval: from 0 to: 260

PROPERTY: Town of Chincoteague #2

Number of samples: 26

COMPANY: Delmarva Drilling

Total Depth: 260

COUNTY: Accomack (Chincoteague)

Oil or Gas: Water: XX 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	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

Split - wash

Owner: Chincoteague  
Driller: Delmarva Dr.  
County: Accomack

W# 5802  
C# 364  
Total Depth: 260'  
Quad:  
Elev:

Depth  
(feet)

WELL LOG

0-10 Sand - pale grayish orange (10YR 7/2); medium to very coarse, sub-rounded; moderate sorting; quartz; 1% fine black phosphatic chips.

10-20 Sand - as above, except: occasional minute granules of clay; some quartz granules.

20-30 Clay - olive gray (5Y 4/1); abundant clay clasts; very sparse sand as above.

30-40 Sand - as above, except: moderate clay in large clasts; 10% phosphatic fragments.

40-50 Sand - pale yellowish brown (10YR 6/2); as above, except: moderate clay in small clasts; some granules.

50-60 Sand - light yellow brown (10YR 6/4); as above, except: sparse clay in clasts.

60-70 Sand - as above, except: very sparse clay; medium to granule; poorly sorted; wood fragments; feldspar.

70-80 Sand - as above, except: 5% shell fragments.

80-90 Sand - light olive gray (5Y 4/2) as above, except: 2% shell fragments.

90-100 Sand - as above, except: 30% granules.

100-110 Sand - light olive gray (5Y 5/2); as above, except: medium to very coarse; moderate sorting; echinoderm spines.

110-120 Gravel, Sandy - as above, except: 50% pebbles (8mm); sand as above; 10% shell fragments; Corbula Inequalis; Polinices H.; Venicardia Altiasta; scaphopod.

120-130 Sand - as above, except: Ensis; Glycimeris; coral; no pebbles.

130-140 Sand - as above, except: medium and coarse; some very coarse; 8% glauconite; 15% shell fragments.

140-150 Sand - as above, except: Turritella sp.

Depth  
(feet)

150-160 Sand - as above, except: sparse "pellet" clay; medium to granule, poor sorting; 10% shell fragments.

160-170 Sand - as above, except: sparse clay.

170-180 Sand - as above, except: 5% shell fragments.

180-190 Sand - as above, except: moderate clay in clasts and pellets; 1% shell fragments.

190-200 Sand - as above, except: 2% shell fragments.

200-210 Sand - as above.

210-220 Shell Hash - salt and pepper; 85% shell fragments; sand as above; 5% glauconite.

220-230 Shell Hash - as above, except: moderate clay clasts; 8% glauconite.

230-240 Shell Hash - as above, except: Epitonium Calvertense; Nucula; Yoldia Caervis.

240-250 Shell Hash - as above, except: Mulina; Chione; Nuculana Acuta; 15% glauconite.

250-260 Shell Hash - as above.

Logged by: J. K. Polzin  
May 29, 1980