

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W#4616  
C# 113

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: David C. Burruss Mailing Address: Box 196, Ruther Glen, Va. 22546

TENANT: Sylvester Kyger Mailing Address: 2111 Magnolia St., Rich., Va. 23223

DRILLER: Sydnor Hydrodynamics, Inc. Mailing Address: P. O. Box 27186, Rich., VA. 23261

WELL LOCATION: County Caroline (Doggetts Fork) Approx. 2½ <sup>feet</sup>/<sub>miles</sub> East (direction) of  
Route 301 and 300 <sup>feet</sup>/<sub>miles</sub> South (direction) of Rt. 647

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

DATE STARTED: 5/19/76 DATE COMPLETED: 5/28/76

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 270' feet

WATER LEVEL: Stands 70'9" feet below surface OR  
has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method Airlift  
Drawdown 210 feet  
Rate 35 gal. per min.  
Duration 1 hrs., 15 min.

HOLE SIZE: 7 inches from 0 to 262 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER ZONES: from 215 to 245 feet  
from \_\_\_\_\_ to \_\_\_\_\_ feet  
from \_\_\_\_\_ to \_\_\_\_\_ feet

SCREEN SIZE: 4 inches from 220 to 240 feet

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

CASE SIZE: 4 inches from +2 to 220 feet  
4 inches from 240 to 245 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

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

GROUTING: Method \_\_\_\_\_  
Material \_\_\_\_\_ Depth 50 feet

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

PUMP: Type \_\_\_\_\_  
Capacity \_\_\_\_\_ gal per min  
Depth of intake 50 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: Electric Log.

# 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	5	Sandy Clay	
5	12	Sand and Gravel	
12	55	Gray Clay	
55	79	Gray Clay with Rock Streaks	
79	120	Gray Clay mixed with shells	
120	155	Gray Clay	
155	218	Brown Clay	
218	235	Sand	
235	265	Gray Sand	
265	270	Gray Clay	

(Use additional forms if necessary)

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

INTERVAL SHEET

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Well Repository No.: C# 113  
 W-4616

Date rec'd: 7/16/76 Date Processed: 3/9/77

Sample Interval: from 6 to: 270'

PROPERTY: David C. Burruss

Number of samples: 27

COMPANY: Sydnor Hydrodynamics, Inc.

Total Depth: 270'

COUNTY: Caroline (Doggetts Fork)

Oil or Gas: Water:  Exploratory:

From-To	From-To	From-To	From-To	From-To
0-10	250-60	-	-	-
10-20	260-70	-	-	-
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	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

All intervals have both washed & unwashed samples.

Owner: David C. Burruss  
Driller: Sydnor Hydrodynamics  
County: Caroline (Doggetts Fork)

W# 4616  
C# 113  
Total depth: 270'  
Quad:  
Elev:

Depth  
(feet)

WELL LOG

0-10 Sand - moderate yellowish brown (10yr 5/4); medium to very coarse; sub-angular; some granule; poor sorting; quartz; sparse clay.

10-20 Sand - dark yellowish brown (10yr 4/2); moderate clay, yellow and brown; medium; sub-angular; some coarse; moderately well sorted; quartz.

20-30 Sand - light olive gray (5y 5/2); moderate clay; sand as above.

30-40 Sand - As Above.

40-50 Sand - As Above.

50-60 Limestone - yellow gray (5y 8/1); clasts of white limestone; plus sand as above.

60-70 Sand, Clayey - olive gray (5y 4/1); sparse gray clay; sand as above; 25% glauconite; shell fragments; mica.

70-80 Sand, Clayey - As Above.

80-90 Sand - As Above.

90-100 Sand - As above, except: 10% fine shell fragments; foram-Nodosaria; Robulus.

100-110 Sand - olive black (5y 2/1); As above, except: 50% glauconite; 2% fine shell fragments.

110-120 Sand - As above, except: 7% shell fragments.

120-130 Sand - As above, except: olive gray (5y 4/1); 25% glauconite; 2% shell fragments.

130-140 Sand - As above, except: olive gray (5y 2/1); 30% glauconite; sparse shell fragments.

140-150 Sand - As above, except: 50% glauconite.

150-160 Clay - dark dusky yellow (5y 6/4); abundant sand As above, 7% glauconite.

160-170 Clay - light yellow brown (10yr 5/4); As Above.

- 170-180 Clay - moderate brown (5yr 4/4); moderately sorted sand; 1-3% glauconite in clay clasts.
- 180-190 Clay - As Above.
- 190-200 Clay - mottled clay moderate brown (5yr 4/4); and greenish gray (5gy 6/1); sparse sand; sparse glauconite.
- 200-210 Clay - As Above.
- 210-220 Sand - pale yellowish brown (10yr 6/2); sparse clay; fine to granule, sub-**rounded**; poorly sorted; quartz; occasional glauconite in clay clasts.
- 220-230 Sand - As above, except: moderate yellowish brown (10yr 5/4); moderate clay.
- 230-240 Sand - As at 210-220, except: few clasts of moderate brown.
- 240-250 Sand - As above, except: medium to granule, mostly granules; moderate sorting.
- 250-260 Sand - As above, except: fine to granule; mostly fine to medium grained; poor sorting; feldspar.
- 260-270 Sand - As Above.

Logged By: J. K. Polzin  
June 20/3, 1980