

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-4447
C-111

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

B-3667

JAMES L. CALVER, COMMISSIONER

McCormick Road

Charlottesville, VA 22903

WATER WELL COMPLETION REPORT

Charlottesville, Virginia

OWNER: South River Development Co. #3 Mailing Address: 507 Whitesel Rd., Ashland, VA

TENANT: _____ Mailing Address: _____

DRILLER: Sydnor Hydrodynamics, Inc. Mailing Address: 2111 Magnolia St., Richmond, VA

WELL LOCATION: County Caroline Approx. 100 ^{feet}/_{miles} West (direction) of
U. S. Highway 1 and 1 ^{xxxx}/_{miles} North (direction) of Route 639

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

DATE STARTED: July 28, 1975 DATE COMPLETED: August 19, 1975

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 625 feet

WATER LEVEL: Stands 20 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Pump
Drawdown 150 feet
Rate 20 gal. per min.
Duration 48 hrs., _____ min.

HOLE SIZE: 11 inches from 0 to 50 feet
6 inches from 50 to 625 feet
_____ inches from _____ to _____ feet

WATER ZONES: from 203 to 204 feet
from 258 to 525 feet
from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WATER: Color _____ Taste _____
Odor _____ Temp. _____ °F

CASE SIZE: 6 inches from +2 to 50 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WELL TO SUPPLY: (check one) Home _____
Farm _____ Town _____ School _____
Industry _____ Other Subdivision

GROUTING: Method _____
Material _____ Depth 0-50 feet

WATER ANALYSIS AVAILABLE: Yes _____ No _____

PUMP: Type _____
Capacity _____ gal per min
Depth of intake _____ feet

DRILL CUTTINGS SAVED: Yes 62 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: _____

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	27	clay	
27	203	gray granite	
203	204	gray granite, pickup 2 GPM	
204	258	gray granite	
258	259	soft red-gray granite-water increased to 5 GPM	
259	525	gray granite and quartz streaks - water gradually increased to 16 GPM (air lift)	
525	545	gray granite	
545	625	light gray granite	

(Use additional forms if necessary)

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

INTERVAL SHEET

Page 1 of 1

Well Repository No.: C-111
 W-4447

Date rec'd: 9/22/75 Date Processed: 8/2/76

Sample Interval: from 0 to: 620

PROPERTY: South River Dev. Co. #3

Number of samples: 62

COMPANY: Sydnor Hydrodynamics

Total Depth: 625

COUNTY: Caroline (Ladysmith)

Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To	From-To
0-10	300-310	600-610	-	-
10-20	310-320	610-620	-	-
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	400-410	-	-	-
110-120	410-420	-	-	-
120-130	420-430	-	-	-
130-140	430-440	-	-	-
140-150	440-450	-	-	-
150-160	450-460	-	-	-
160-170	460-470	-	-	-
170-180	470-480	-	-	-
180-190	480-490	-	-	-
190-200	490-500	-	-	-
200-210	500-510	-	-	-
210-220	510-520	-	-	-
220-230	520-530	-	-	-
230-240	530-540	-	-	-
240-250	540-550	-	-	-
250-260	550-560	-	-	-
260-270	560-570	-	-	-
270-280	570-580	-	-	-
280-290	580-590	-	-	-
290-300	590-600	-	-	-

Unwashed only

OWNER: South River Dev. Co. #3
DRILLER: Sydnor
COUNTY: Caroline

W # 4447
C # 111
TOTAL DEPTH: 625'

DEPTH
(FEET)

WELL LOG

0-20	Sand	- moderate gray orange (10YR 6/4); fine to very coarse, subangular to subrounded, poor sorting; quartz; abundant clay.
20-90	Arkose	- dark greenish and light grays; fine to medium sized crust granite fragments; quartz; feldspar; biotite; hornblende and epidote; garnet.
90-620	Granite	- light and dark gray; quartz; feldspar fragments; garnet; hornblende and epidote; biotite.
620-625	No sample.	

Logged by: J. K. Polzin
June 23, 1980