

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-4396
C-109

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: South River Development Co. #1 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: 0.7 ~~xx~~^{xx} miles North (direction) of
Route 639 and 300 ~~xx~~^{xx} feet West (direction) of U.S. Highway 1

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

DATE STARTED: 4/16/75 DATE COMPLETED: 4/28/75

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 324 feet

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

YIELD TEST: Method _____
Drawdown _____ feet
Rate _____ gal. per min.
Duration _____ hrs., _____ min.

HOLE SIZE: 10 inches from 0 to 20 feet

6 inches from 20 to 324 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

WATER ZONES: from _____ to _____ feet

from _____ to _____ feet

from _____ to _____ feet

WATER: Color _____ Taste _____

Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____

Farm _____ Town _____ School _____

Industry _____ Other Subdivision

GROUTING: Method _____

Material _____ Depth 0-25 feet

PUMP: Type _____

Capacity _____ gal per min

Depth of intake _____ feet

WATER ANALYSIS AVAILABLE: Yes _____ No _____

DRILL CUTTINGS SAVED: Yes 32 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: _____

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

INTERVAL SHEET

Page 1 of 1
 Date rec'd: 7-1-75 Date Processed: 7-7-75
 PROPERTY: South River Develop Co. #1
 COMPANY: Sydnor Hydrodynamics
 COUNTY: Caroline (Ladysmith)

Well Repository No.: C-109
 W-4396
 Sample Interval: from 0' to: 320'
 Number of samples: 32
 Total Depth: 324'
 Oil or Gas: Water: X Exploratory:

| From-To | From-To | From-To | From-To | From-To |
|---------|---------|---------|---------|---------|
| 0-10 | 300-310 | - | - | - |
| 10-20 | 310-320 | - | - | - |
| 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 | - | - | - | - |
| 260-270 | - | - | - | - |
| 270-280 | - | - | - | - |
| 280-290 | - | - | - | - |
| 290-300 | - | - | - | - |

Washed and unwashed samples

OWNER: South River Development Co. #1
COUNTY: Caroline

W # 4396
C # 109
TOTAL DEPTH: 320'

DEPTH
(FEET)

WELL LOG

| | | |
|--------|---------|--|
| 0-20 | Sand | - moderate yellow orange (10YR 5/4); sparse clay; medium to granule, subangular, moderate sorting; quartz. |
| 20-320 | Granite | - light and dark gray; quartz; feldspar; mica; sand; garnet; pyrite; 50% black fragments - epidote and hornblende; sparse clay in clasts; magnetite; rose quartz; iron stains. |

Logged by: J. K. Polzin
June 20, 1980