

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

P 3667  
Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road  
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Morton G. Thalhimer, Inc. Mailing Address: 12th & Main St., Richmond, VA 23277

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

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

WELL LOCATION: County Henrico Approx. 400 ~~feet~~ <sup>feet</sup> north (direction) of  
Broad Street and 50 ~~feet~~ <sup>feet</sup> west (direction) of Dickens Road

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

DATE STARTED: 11-29-77 DATE COMPLETED: 12-12-77

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 266 feet

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

YIELD TEST: Method \_\_\_\_\_  
Drawdown 0 feet  
Rate 0 gal. per min.  
Duration 0 hrs., \_\_\_\_\_ min.

HOLE SIZE: 12 inches from 0 to 20 feet  
6 inches from 20 to 266 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
SCREEN SIZE: \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

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

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
CASE SIZE: 6 inches from 0 to 20 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

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

GROUTING: Method \_\_\_\_\_  
Material \_\_\_\_\_ Depth 25 feet

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

PUMP: Type \_\_\_\_\_  
Capacity \_\_\_\_\_ gal. per min.  
Depth of intake \_\_\_\_\_ feet

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

DRILL CUTTINGS SAVED: Yes X 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 abandoned, no water.

# LOG

FURNISHED BY: Lonnie Cox

DATE: \_\_\_\_\_

| DEPTH<br>(feet) |     | TYPE OF ROCK OR SOIL PENETRATED<br>(gravel, clay, etc., hardness, color, etc.) | REMARKS<br>(water, caving, shot, screen, sample, etc.) |
|-----------------|-----|--|--|
| FROM            | TO  |  |  |
| 0               | 1   | Top soil   |  |
| 1               | 3   | Yellow clay  |  |
| 3               | 5   | Gray clay  |  |
| 5               | 10  | Tough yellow clay  |  |
| 10              | 20  | Yellow sandy clay  |  |
| 20              | 21  | Hard red granite   |  |
| 21              | 22  | Soft red granite   |  |
| 22              | 176 | Hard gray granite with some red  |  |
| 176             | 220 | Hard gray granite  |  |
| 220             | 266 | Hard gray granite with some red  |  |

(Use additional forms if necessary)

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

INTERVAL SHEET

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Well Repository No: W#: 5029

C#: 223

Date rec'd: 1-31-78 Date Processed: 3-15-78

Sample Interval: from:0 to: 220'

PROPERTY: M. G. Thalhimer, Inc.

Number of samples: 22

COMPANY: Sydnor

Total Depth: 266'

COUNTY: Henrico

Oil or Gas: Water: Exploratory:

| 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 | -       | -       | -       |
| -         | -       | -       | -       |
| -         | -       | -       | -       |
| -         | -       | -       | -       |

Unwashed only

OWNER: M. G. Thalhimer, Inc.  
DRILLER: Sydnor Hydrodynamics  
COUNTY: Henrico

W#: 5029  
C#: 223  
TOTAL DEPTH: 266'  
QUAD.: Bon Air

GEOLOGIC LOG

Depth  
(feet)

0-10 Granite (rotten) — pale orange; moderate clay-pale orange, white, dark yellowish orange; quartz; feldspar; some biotite; some muscovite.

10-20 As above except very pale orange.

20-30 Granite — white; equigranular; quartz; feldspar; 5% biotite; some muscovite.

30-40 Granite — white; slightly clayey (contamination); quartz; feldspar; 7% biotite; few flakes of muscovite.

40-50 As above except some muscovite.

50-60 As above.

60-70 Granite — white; quartz; feldspar; 10% biotite; few flakes of muscovite.

70-80 As above.

80-90 Granite — off white; quartz; feldspar; 10% biotite; few flakes of muscovite.

90-100 As above except 15% biotite.

100-110 Granite — white; equigranular; quartz; feldspar; 10% biotite.

110-120 As above plus some muscovite.

120-130 Granite — grayish orange pink; quartz; feldspar; 7% biotite; few flakes of muscovite.

130-140 Granite — white; quartz; feldspar; 12% biotite; few flakes of muscovite.

140-150 As above.

150-160 Granite — grayish orange pink; quartz; feldspar; 7% biotite.

160-170 Granite — white; quartz; feldspar; 7% biotite; few flakes of muscovite.

170-180 As above except 12% biotite.

180-190 As above.

Depth  
(feet)

190-200 As 170-180.  
200-210 As above.  
210-220 As above except 15% biotite.  
220-266 No Sample.

Note: All samples are unwashed.

Logged by: Michael T. Currie

GEOLOGIC SUMMARY

| <u>Depth</u><br><u>(feet)</u> | <u>Thickness</u><br><u>(feet)</u> | <u>Rock Unit</u>   | <u>Time Rock Unit</u> |
|-------------------------------|-----------------------------------|--------------------|-----------------------|
| 0-220                         | 220                               | Petersburg Granite | Paleozoic (?)         |
| 220-266                       | 46                                | No Sample          |                       |

VIRGINIA DIVISION OF MINERAL RESOURCES  
David A. Hubbard, Jr., Geologist  
December 1, 1978