

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

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McCormick Road

Charlottesville, VA 22903

WATER WELL COMPLETION REPORT

Charlottesville, Virginia

OWNER: Hills Brothers Mailing Address: Rt. 29 N, Charlottesville

TENANT: Cedar Hill Trailer Park, Well #4 Mailing Address: " "

DRILLER: C. R. Moore Well Drilling Co. Mailing Address: Hazel St., Charlottesville

WELL LOCATION: County Albemarle Approx. 6 miles north (direction) of Charlottesville and 800 feet west (direction) of U.S. Hwy. 29

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

DATE STARTED: Dec. 10, 1968 DATE COMPLETED: Dec. 13, 1968

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 340 feet

WATER LEVEL: Stands 40 feet below surface OR

has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method air lift

Drawdown \_\_\_\_\_ feet

\*Rate 1 1/2 gal. per min.

Duration \_\_\_\_\_ hrs., \_\_\_\_\_ min.

WATER ZONES: from 40 to 50 feet

from \_\_\_\_\_ to \_\_\_\_\_ feet

from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER: Color \_\_\_\_\_ Taste \_\_\_\_\_

Odor \_\_\_\_\_ Temp. \_\_\_\_\_ °F

WELL TO SUPPLY: (check one) Home \_\_\_\_\_

Farm \_\_\_\_\_ Town \_\_\_\_\_ School \_\_\_\_\_

Industry \_\_\_\_\_ Other trailer park \_\_\_\_\_

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

DRILL CUTTINGS SAVED: Yes 30 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: \* Insufficient quantity to use; casing pulled and hole filled.

HOLE SIZE: 8 inches from 0 to 40 feet

6 inches from 40 to 340 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

GROUTING: Method \_\_\_\_\_

Material \_\_\_\_\_ Depth \_\_\_\_\_ feet

PUMP: Type \_\_\_\_\_

Capacity \_\_\_\_\_ gal. per min

Depth of intake \_\_\_\_\_ feet

# LOG

FURNISHED BY: L. L. Moore (C. R. Moore Drilling Co.) DATE: 12/30/68

| DEPTH (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            | 10  | Clay   |  |
| 10           | 40  | Sand   |  |
| 40           | 340 | Dark gray, medium hard rock  |  |
|              |     | <p>DATE STARTED: Dec. 10, 1968</p> <p>DATE COMPLETED: Dec. 13, 1968</p> <p>TOTAL DEPTH: 340 feet</p> <p>WATER LEVEL: 10 feet below surface</p> <p>NATURAL flow of water</p> <p>YIELD TEST Method: air lift</p> <p>Drawdown: 1 1/2 feet</p> <p>WATER ZONES: from 40 to 340 feet</p> <p>WATER: color _____ Temp _____</p> <p>WELL TO SUPPLY: (check one) Home _____ School _____ Industrial _____</p> <p>WATER ANALYSIS AVAILABLE: Yes _____ No _____</p> <p>DRILL CUTTINGS SAVED: Yes _____ No _____</p> <p>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</p> <p>MARKS: * Insufficient quantity of casing pulled and hole filled.</p> |  |

VIRGINIA DIVISION OF MINERAL RESOURCES  
INTERVAL SHEET

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C-1443  
Well Repository No: W-2431

Date rec'd: 1/30/69

Sample Interval: from 40 to: 340'

PROP: Cedar Hill Trailer Park (Well #4)

Number of samples: 30

COMP: C. R. Moore Well Drilling Co.

Total Depth: 340'

COUNTY: Albemarle (Earlsville)

Oil or Gas: Water: X Exploratory:

| From-To   | From-To   | From-To | From-To |
|-----------|-----------|---------|---------|
| -         | 300 - 310 | -       | -       |
| -         | 310 - 320 | -       | -       |
| -         | 320 - 330 | -       | -       |
| -         | 330 - 340 | -       | -       |
| 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 | -         | -       | -       |

All intervals have both washed and unwashed samples.

OWNER: Hills Brothers (Cedar Hill Trailer Park, Well #4) W-2431  
DRILLER: C. R. Moore Well Drilling Company C-1443  
COUNTY: Albemarle (Earlsville) TOTAL DEPTH - 340'

GEOLOGIC LOG

Depth  
in feet

|         |  |
|---------|--|
| 0-40    | No samples   |
| 40-50   | Biotite gneiss — gray, fine to very fine grained, foliated, slightly sheared, micaceous; feldspar, quartz, biotite, and traces of muscovite and pyrite |
| 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 | "  |

OWNER: Hills Brothers (Cedar Hill Trailer Park, Well #4) W-2431

|         |  |
|---------|--|
| 220-230 | Biotite gneiss — gray, fine to very fine grained, foliated, slightly sheared, micaceous; feldspar, quartz, biotite, and traces of muscovite and pyrite |
| 230-240 | "  |
| 240-250 | "  |
| 250-260 | "  |
| 260-270 | "  |
| 270-280 | "  |
| 280-290 | "  |
| 290-300 | "  |
| 300-310 | "  |
| 310-320 | "  |
| 320-330 | "  |
| 330-340 | "  |

GEOLOGIC SUMMARY

|         | <u>Rock Unit</u>        | <u>Age</u>  |
|---------|-------------------------|-------------|
| 0-40'   | No samples              | —           |
| 40-340' | Lynchburg Formation (?) | Precambrian |

Virginia Division of Mineral Resources  
Robert G. Willson, Geologist  
February 3, 1969