

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

B 3667
Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: James N. Montgomery, III Mailing Address: Main Street, Rocky Mount, Va.

TENANT: Forest Hills Subdivision Mailing Address: _____

DRILLER: Gordon W. Hodges Mailing Address: Route # 1, Ferrum, Va.

WELL LOCATION: County Franklin Approx. 2 ^{to 2.5} miles East (direction) of

Town of Rocky Mount, Va. on Rt. 713 and 1/2 ^{feet} miles North (direction) of Rt. 674 Junction

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

DATE STARTED: November 5, 1970 DATE COMPLETED: November 17, 1970

TYPE OF DRILL RIG USED: Drop Drill TOTAL DEPTH 286 feet

WATER LEVEL: Stands 45 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Pump

Drawdown 90 feet

Rate 8 gal. per min.

Duration 48 hrs., 0 min.

HOLE SIZE: 10 inches from 0 to 60 feet

8 inches from 60 to 62 feet

6 inches from 62 to 286 feet

SCREEN SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: 6 inches from 0 to 62 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

WATER ZONES: from _____ to _____ feet

from _____ to _____ feet

from _____ to _____ feet

WATER: Color Clear Taste None

Odor None Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____

Farm _____ Town _____ School _____

Industry _____ Other Subdivision

GROUTING: Method Poured

Material Cement Depth 62 feet

PUMP: Type Submersible

Capacity 15 gal per min

Depth of intake 275 feet

WATER ANALYSIS AVAILABLE: Yes X ²⁸ No _____

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: I dug in dirt for 62 feet, then solid rock until finished 18:97 lb. per foot-6" std. pipe.

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

INTERVAL SHEET

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C-145
 Well Repository No: 3100

Date rec'd: 3-4-71 Date Processed: 3-10-71

Sample Interval: from 0 to: 286'

PROPERTY: J. N. Montgomery III
 Forest Hills Sub.

Number of samples: 29

COMPANY: Gordon W. Hodges

Total Depth: 286'

COUNTY: Franklin (Rocky Mt.)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
0 - 10	250 - 260	-	-
10 - 20	260 - 270	-	-
20 - 30	270 - 280	-	-
30 - 40	280 - 296	-	-
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 and unwashed samples.

Owner: J. N. Montgomery III (Forest Hills Subdivision)
Driller: Gordon W. Hodges
County: Franklin County (Rocky Mount)

DMR #W-3100
WWCR # 145
Depth 286 ft.

GEOLOGIC LOG

- 0-30 Weathered micaceous sand with fragments of mica schist
- 30-60 Slightly weathered micaceous sand (muscovite and biotite) with fragments of Mica Schist
- 60-120 Fine grained quartz-feldspar biotite schist
- 120-130 Chlorite-amphibole schist and quartz-feldspar-biotite schist
- 130-220 Fine grained quartz-feldspar-biotite schist
- 220-230 Fine grained biotite schist
- 230-286 Fine grained biotite gneiss and biotite schist

Fine grained biotite schist-phyllite, Ultramafic layer, 120-130 ft.
Mapped as interbedded ^{Lenses} Mica Gneisses, Mica Schists, Marbles, and Amphibolite Schists.