

W-2939  
C-610

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

Box 3667

JAMES L. CALVER, COMMISSIONER

McCormick Road

Charlottesville, VA 22903

WATER WELL COMPLETION REPORT

Charlottesville, Virginia

OWNER: Eddie Sonifrank & Donald Horne Mailing Address: Bridgewater, Virginia

TENANT: Countryside Est. Sub. Mailing Address: \_\_\_\_\_

DRILLER: George F. Burner Well Drilling Mailing Address: McGaheysville, Virginia

WELL LOCATION: County Rockingham Approx. 100 <sup>feet</sup>/<sub>miles</sub> South (direction) of \_\_\_\_\_  
Rt. # 257 (Montezuma) and 250 <sup>feet</sup>/<sub>miles</sub> West (direction) of Dry River

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

DATE STARTED: August 12, 1970 DATE COMPLETED: August 14, 1970

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 309 feet

WATER LEVEL: Stands 15 feet below surface OR  
has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method Air Lift  
Drawdown \_\_\_\_\_ feet  
Rate 60 gal. per min.  
Duration 3 hrs., 10 min.

HOLE SIZE: 10 inches from 0 to 102 feet  
6 1/3 inches from 102 to 309 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER ZONES: from 124 to 125 feet  
from 276 to 277 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 0 to 102 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

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

GROUTING: Method pressure grouting  
Material pure cement Depth 100 feet

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

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

DRILL CUTTINGS SAVED: Yes 31 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: \_\_\_\_\_



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

INTERVAL SHEET

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Well Repository No.: C-610 W- 2939

Date rec'd: 9/14/70 Date Processed: 9/29/70

Sample Interval: from 0 to: 309'

PROPERTY: Sonifrank and Horne

Number of samples: 31

COMPANY: G. Burner Drilling Co.

Total Depth: 309'

COUNTY: Rockingham (Montozuma)

Oil or Gas: Water:  Exploratory:

From-To	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	-	-	-	-
220-230	-	-	-	-
230-240	-	-	-	-
240-250	-	-	-	-
250-260	-	-	-	-
260-270	-	-	-	-
270-280*	-	-	-	-
280-290*	-	-	-	-
290-300*	-	-	-	-
300-309*	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

\*Unwashed samples only

OWNER: Eddie Sonifrank & Donald Horne  
DRILLER: George F. Burner Well Drilling  
COUNTY: Rockingham (Montezuma)

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C-610  
T.D.-309'

GEOLOGIC LOG

Depth  
(in feet)

Overburden (0'-10')

0 - 10	Quartz sand and sandstone fragments
Beekmantown Formation (10'-270')	
10 - 20	Dolomite — fine-grained, crystalline; with very dark-gray veins of white dolomite
20 - 30	" "
30 - 40	" "
40 - 50	" "
50 - 60	Calcareous Dolomite — very dark gray, fine-grained, crystalline; with veins of white dolomite and calcite
60 - 70	" "
70 - 80	" "
80 - 90	" "
90 - 100	" "
100 - 110	" "
110 - 120	" "
120 - 130	Dolomite — very dark gray, fine-grained, crystalline; with veins of white dolomite, and trace of pyrite
130 - 140	" "
140 - 150	" "
150 - 160	" "
160 - 170	Dolomite — medium-to dark-gray, fine-grained, crystalline
170 - 180	Dolomite — dark to very-dark gray, very fine-grained; minor amount of white vein dolomite
180 - 190	" "
190 - 200	" "
200 - 210	" "
210 - 220	" "
220 - 230	" "
230 - 240	" "
240 - 250	" "
250 - 260	" "
260 - 270	" "

GEOLOGIC SUMMARY

<u>Thickness</u> <u>(in feet)</u>	<u>Rock Unit</u>	<u>Age</u>
0 - 10	Overburden	—
10 - 270	Beekmantown Formation	Ordovician

VA. DIVISION OF MINERAL RESOURCES  
T. M. Gathright II, Geologist  
November 13, 1975