

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-2353  
C- 80

MAILING ADDRESS:  
B 3667  
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES  
JAMES L. CALVER, COMMISSIONER  
WATER WELL COMPLETION REPORT

OFFICE ADDRESS:  
McCormick Road  
Charlottesville, Virginia

OWNER: Jane Colby Inc. Mailing Address: Fairfield, Va.

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

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

WELL LOCATION: County Rockbridge Approx. 10 ~~feet~~ <sup>miles</sup> north (direction) of  
Lexington, Va. and 600 ~~miles~~ <sup>feet</sup> west (direction) of U.S. Hwy. 11

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

DATE STARTED: Sept. 18, 1968 DATE COMPLETED: Oct. 23, 1968

TYPE OF DRILL RIG USED: cable and rotary TOTAL DEPTH 480 feet

WATER LEVEL: Stands 40 feet below surface OR  
has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method air  
Drawdown \_\_\_\_\_ feet  
Rate 15 gal. per min.  
Duration \_\_\_\_\_ hrs., \_\_\_\_\_ min.

HOLE SIZE: 10 inches from 0 to 50 feet  
6 inches from 50 to 480 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER ZONES: from 107 to 108 feet  
from 215 to 216 feet  
from 250 to 254 feet  
from 254 to 480 feet

SCREEN SIZE: \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
None  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

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

CASE SIZE: 6 inches from 0 to 50 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

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

GROUTING: Method pressure  
Material cement Depth 50 feet

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

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

DRILL CUTTINGS SAVED: Yes 36 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: Drilling 0-257' - cable rig used  
At 257', baler tested at 12 GPM  
Drilling 257'-480' - rotary rig used  
At 480', rotary machine air tested at 15 GPM.

# LOG

FURNISHED BY: George F. Burner

DATE: Oct. 23, 1968

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	10	Clay	
10	107	Limestone	
107	216	Solid limestone	107-108' 2 gpm 215-216' 8 gpm
216	250	Limestone	
250	254	Black slate	250-254' 2 gpm
254	480	Limestone	254-480' (?) 3 gpm

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INTERVAL SHEET

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Well No: W-2353

Date rec'd: 12/19/68

Sample Interval: from 10 to: 460'

PROP: Jane Colby, Inc.

Number of samples: 36

COMP: G. Burner, Well Drilling Co.

Total Depth: 480'

COUNTY: Rockbridge (Fairfield)

Oil or Gas: Water: XExploratory:

From-To	From-To	From-To	From-To
-	-	-	-
10 - 20	-	-	-
20 - 30	No samples	-	-
30 - 40	-	-	-
40 - 50	-	-	-
50 - 60	360 - 370	-	-
60 - 70	370 - 380	-	-
70 - 80	380 - 390	-	-
80 - 90	390 - 400	-	-
90 - 100	400 - 410	-	-
100 - 110	410 - 420	-	-
110 - 120	420 - 430	-	-
120 - 130	430 - 440	-	-
130 - 140	440 - 450	-	-
140 - 150	450 - 460	-	-
150 - 160	-	-	-
160 - 170	-	-	-
170 - 180	-	-	-
180 - 190	-	-	-
190 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
250 - 260	-	-	-
-	-	-	-
-	-	-	-
280 - 290	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Jane Colby, Inc.  
DRILLER: George F. Burner, Well Drilling  
COUNTY: Rockbridge (Fairfield)

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TOTAL DEPTH: 480'

GEOLOGIC LOG

Depth  
in feet

0-10	No sample
10-20	Dolomite — medium gray, fine grained, calcareous, shaly; traces of pyrite, chert
20-30	"
30-40	Dolomite — light to medium gray, fine grained, slightly argillaceous; trace of pyrite
40-50	" with minor amount of shaly dolomite
50-60	Dolomite — medium gray, fine grained; trace of vein dolomite
60-70	"
70-80	"
80-90	"
90-100	Dolomite — medium to dark gray, fine grained; trace of vein dolomite
100-110	Dolomite — medium gray, fine grained; trace of vein dolomite
110-120	Dolomite — medium to dark gray, fine grained; traces of vein dolomite and pyrite
120-130	"
130-140	Dolomite — medium to dark gray, fine grained, shaly; trace of pyrite
140-150	"
150-160	"

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160-170	Dolomite — medium to dark gray, fine grained, shaly; trace of pyrite
170-180	"
180-190	Dolomite — medium gray, fine grained, shaly
190-200	"
200-210	Dolomite — medium gray, fine grained, argillaceous; minor amount of dark gray, argillaceous limestone
210-220	" with traces of pyrite and chert
220-230	"
230-240	" with trace of dark-gray chert
240-250	" "
250-260	Dolomite — light to medium gray, fine gained, argillaceous
260-280	No samples
280-290	Dolomite — dark gray, fine grained, shaly
290-360	No samples
360-370	Dolomite — light gray, fine grained, calcareous; minor amount of dark gray, calcareous dolomite
370-380	"
380-390	"
390-400	"
400-410	Dolomite — dark gray, fine grained, calcareous; minor amount of light gray, calcareous dolomite
410-420	"
420-430	"
430-440	"
440-450	"

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450-460 Dolomite — medium to dark gray, fine grained,  
argillaceous

460-480 No samples

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-10'	No sample	—
10-460'	Elbrook Formation	Middle Cambrian
460-480'	No samples	—

Virginia Division of Mineral Resources  
William W. Winters, Geologist  
December 27, 1968