

INTERVAL SHEET WWCR: 166

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VDMR Well No: 2170

Date rec'd: 4/25/68

Sample Interval: from 0 to: 103'

PROP: Continental Can Co., Inc.

Number of samples: 10

COMP: Mitchell's Well & Pump Co.

Total Depth: 103'

COUNTY: Prince George (Petersburg)

Oil or Gas: Water:X 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 - 103	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
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-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples

OWNER: Continental Can Co., Inc.
DRILLER: Mitchell's Well and Pump Co.
COUNTY: Prince George (Hopewell)

VDMR: 2170
WWCR: 166
TOTAL DEPTH: 103'

GEOLOGIC LOG

Depth in
feet

COLUMBIA GROUP (0-50')

- 0-10 Sand — tan, slightly clayey; fine- to medium-grained, well-sorted, poorly-rounded; slightly-micaceous and feldspathic; abundant hornblende
- 10-20 Sand — orange-brown, moderately-clayey; fine- to medium-grained, fairly well-sorted, angular to subangular; abundant hornblende, moderately-feldspathic, slightly micaceous; green epidote common
- 20-30 Sand — tan, moderately clayey, 5% granule gravel; fine- to very coarse-grained, poorly-sorted, poorly-rounded; moderately-feldspathic
- 30-40 Sand — pale orange-brown, slightly clayey, 5% granule gravel; fine- to coarse-grained, poorly-sorted, poorly-rounded; weathered feldspar moderately abundant; hornblende and green epidote abundant accessory minerals; coarse muscovite common
- 40-50 "

PATUXENT FORMATION (50-103')

- 50-60 Sand — tan, clean; coarse- to very coarse-grained, fairly well-sorted, poorly-rounded; feldspathic (partially-decomposed, iron-stained feldspar); accessory garnet and muscovite
- 60-70 Sand — white, clean, trace of granule gravel; medium- to very coarse-grained, moderately-sorted, poorly-rounded; clear quartz, with abundant fresh feldspar; accessory garnet and pyrite
- 70-80 "
- 80-90 "
- 90-103 " with 15-20% fine-grained (2-8 mm) gravel

OWNER: Continental Can Co., Inc.

#2170

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-50'	Columbia Group	Pleistocene
50-103'	Patuxent Formation	Early Cretaceous

Virginia Division of Mineral Resources
Robert H. Teifke, Geologist
April 30, 1968

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COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:
Box 3667
Charlottesville, VA 22903

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

OFFICE ADDRESS:
McCormick Road
Charlottesville, Virginia

OWNER: Continental Can Co., Inc Mailing Address: Hopewell, Virginia, 23860

TENANT: Continental Can Co., Inc Mailing Address: same

DRILLER: Mitchell's Well & Pump CO Mailing Address: R#1, Box 110, Colonial Hgts. 23834

WELL LOCATION: County Prince George Approx. feet miles southwest (direction) of Hopewell and feet miles (direction) of

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

DATE STARTED: 2-6-68 DATE COMPLETED: 2-9-68

TYPE OF DRILL RIG USED: cable tool TOTAL DEPTH 103 feet

WATER LEVEL: Stands 25 feet below surface OR
has NATURAL flow of gallons per minute.

YIELD TEST: Method bailed
Drawdown 30 feet
Rate 18 gal. per min.
Duration hrs., min.

HOLE SIZE: 4 1/4" inches from 0 to 103 feet
 inches from to feet
 inches from to feet
SCREEN SIZE: 4 inches from 93 to 103 feet

WATER ZONES: from to feet
from to feet
from to feet

CASE SIZE: 4 1/4" inches from 0 to 93'9" feet
 inches from to feet
 inches from to feet

WATER: Color clear Taste good
Odor none Temp. °F

WELL TO SUPPLY: (check one) Home
Farm Town School
Industry Other weighing station

GROUTING: Method
Material Depth feet

WATER ANALYSIS AVAILABLE: Yes No ✓

PUMP: Type Submersible
Capacity 9 1/2 gpm @ 40# pressure min
Depth of intake 84 feet

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: cc: to Continental Can, State Health Dept., Richmond
to samples

LOG

FURNISHED BY: Mitchell's Well & Pump Company DATE: 4/4/68

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	sand	Sample # 1
10	20	"	2
20	30	"	3
30	40	"	4
40	50	"	5
50	60	"	6
60	70	"	7
70	80	"	8
80	90	"	9
90	103	"	10
0	-103	sand	

(Use additional forms if necessary)