

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-2363
C- 121

MAILING ADDRESS:

B 3667
C Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Virginia Oak Tannery, Inc. Mailing Address: Luray, Virginia 22835

TENANT: _____ Mailing Address: _____

DRILLER: Sydnor Hydrodynamics, Inc. Mailing Address: 1305 Brook Road, Richmond, Va.

WELL LOCATION: County _____ Page _____ Approx. 1800 ~~feet~~ feet north (direction) of _____
U.S. Hwy. 211 in Luray and 500 ~~feet~~ feet east (direction) of U.S. Hwy. 340

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

DATE STARTED: 9/16/68 DATE COMPLETED: 12/18/68

TYPE OF DRILL RIG USED: cable TOTAL DEPTH 387 feet

WATER LEVEL: Stands 3/4 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method pumped
Drawdown 17 2/3 feet
Rate 172 gal. per min.
Duration 24 hrs., 0 min.

HOLE SIZE: 16 inches from 0 to 50 feet
12 inches from 50 to 109 feet
10 inches from 109 to 387 feet

WATER ZONES: from 15 to 109 feet
from _____ to _____ feet
from _____ to _____ feet

SCREEN SIZE: 10 inches from 12 to 37 feet
(slotted pipe)
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WATER: Color Straw Taste _____
Odor None Temp. _____ °F

CASE SIZE: 16 inches from 0 to 14'5" feet
10 inches from 0 to 50'10" feet
_____ inches from _____ to _____ feet

WELL TO SUPPLY: (check one) Home _____
Farm _____ Town _____ School _____
Industry XX Other _____

GROUTING: Method None
Material _____ Depth _____ feet

WATER ANALYSIS AVAILABLE: Yes _____ No X

PUMP: Type test turbine
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: SAMPLES PICKED UP BY VDMR

LOG

FURNISHED BY: Sydnor Hydrodynamics, Inc. DATE: 12/18/68

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	6	Black topsoil	
6	39	Rocks, boulders and mud	
39	54	Blue limestone	
54	72	Blue limestone - muddy	
72	81	Hard blue limestone	
81	86	Blue limestone - coarse cuttings	
86	91	Medium coarse blue limestone	some water
91	98	Medium coarse blue limestone	
98	109	Medium weathered rock	cavernous
109	113	Soft material	
113	176	Hard blue limestone	
176	186	Blue limestone - medium	
186	277	Blue limestone	
277	301	Blue limestone - hard and soft streaks	
301	387	Blue limestone	

(Use additional forms if necessary)

VIRGINIA DIVISION OF MINERAL RESOURCES
INTERVAL SHEET

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Well Repository No: W-2363

Date rec'd: 12/27/68

Sample Interval: from 0 to: 386'

PROP: Va. Oak Tannery, Inc.

Number of samples: 36

COMP: Sydnor Hydrodynamics, Inc.

Total Depth: 387'

COUNTY: Page (Luray)

Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To
0 - 7	320 - 330	-	-
7 - 17	330 - 340	-	-
17 - 27	340 - 350	-	-
27 - 39	350 - 360	-	-
39 - 50	360 - 370	-	-
50 - 60	370 - 380	-	-
60 - 70	380 - 386	-	-
70 - 81	-	-	-
81 - 86	-	-	-
86 - 91	-	-	-
91 - 98	-	-	-
98 - 109	-	-	-
-	-	-	-
114 - 150	-	-	-
150 - 165	-	-	-
165 - 175	-	-	-
175 - 185	-	-	-
185 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
250 - 260	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 291	-	-	-
291 - 300	-	-	-
300 - 310	-	-	-
310 - 320	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Virginia Oak Tannery, Inc.
DRILLER: Sydnor Hydrodynamics, Inc.
COUNTY: Page (Luray)

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TOTAL DEPTH: 387'

GEOLOGIC LOG

Depth
in feet

0-7	Soil — dark brown, fine sandy loam with fragments of white, sandy marl
7-17	Sand and gravel — pinkish-tan to dark purplish-gray, poorly sorted, angular to well-rounded quartzite and sandstone pebbles and sand
17-27	"
27-39	"
39-50	Limestone — very dark gray calcilutite; with large amount of tan quartzite pebble fragments
50-60	" only small amount of tan quartzite pebble fragments
60-70	" "
70-81	" trace of vein calcite with pyrite
81-86	Oölitic limestone — dark gray, with abundant oölite and pellet structure; dolomitic
86-91	Dolomitic limestone — dark to medium gray dolomitic calcilutite
91-98	Limestone — medium gray and tan calcilutite
98-109	Oölitic limestone — dark gray and medium tan; with minor amounts of black chert and pink iron-oxide stained sandstone fragments
109-114	No sample
114-150	Limestone and marl — dark gray calcilutite with pink and tan calcite crusts, crystalline quartz, manganese nodules, quartzite pebble fragments, and red clay (probably from solution cavity opening)

OWNER: Virginia Oak Tannery, Inc.

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150-165	Limestone — very dark gray, dolomitic; with trace of vein calcite
165-175	"
175-185	"
185-200	"
200-210	"
210-220	"
220-230	"
230-240	" with trace of oölitic limestone
240-250	"
250-260	"
260-270	"
270-280	"
280-291	"
291-300	"
300-310	"
310-320	"
320-330	"
330-340	"
340-350	"
350-360	"
360-370	"
370-380	"

OWNER: Virginia Oak Tannery, Inc.

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380-386 Limestone — very dark gray, dolomitic; with trace of
vein calcite

386-387 No sample

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-39 [†]	Overburden	—
39-386 [†]	Chepultepec Formation	Early Ordovician
386-387 [†]	No sample	—

Virginia Division of Mineral Resources
T. M. Gathright, Geologist
January 13, 1969