

PLOTTED

WELL NO. 0099

3

Interval Sheet

LEAS & McVITTY, INC.
BLUE RIDGE TANNERY,

Sheet No. 1

ROCK BRIDGE CO. VA.
(BUENA VISTA)

400' So. of Factory St. & 500' West of N&W RR in
Buena Vista

← Cuttings

--- Core

✓ Water Well

--- Gas Well

From-To	From-To	From-To	From-To	From-To
---------	---------	---------	---------	---------

-5	-75	-42	-09	-
-10	-80	-45	-	-
-15	-85	-50	-	-
-20	-90	-55	-	-
-25	-95	-60	-	-
-30	-100	-65	-	-
-35	-05	-70	-	-
-40	-10	-75	-	-
-45	-15	-80	-	-
-50	-20	-85	-	-
-55	-25	-90	-	-
-60	-30	-95	-	-
-65	-35	-200	-	-
-70	-40	-05	-	-

Total Depth _____

County _____

Commonwealth of Virginia
Department of Conservation and Development
VIRGINIA GEOLOGICAL SURVEY
 Box 1428, University Station, Charlottesville, Va.

Well No. Pg. 3

Office No. W 0099

Map _____

Map No. _____

WATER WELL COMPLETION REPORT

(This report must be submitted within 30 days after completion of well.)

Property of Leas & McVitty, Tannery Plant Address Buena Vista, Virginia

Well No. _____

Location (a) City of ~~XXXX~~ Buena Vista, Va.

(b) County _____ Approximately 400 feet

(direction) South of Factory St. and 500 feet West (direction)

_____ of N & W. R. R. miles

(Give direction and distance in feet or tenths of a mile from two (2) location reference points or map coordinates shown on quadrangle topographic map or, where such map is not available, give direction and distance from two (2) known reference points on County Highway map.)

Driller Lexington Well and Pump Co. Address R.F.D. 5

Lexington, Virginia

Drilling commenced 8/21/56 Drilling completed 9/22/56

Elevation (ground surface) 839.98 feet Diameter 8 inch, surface to 81 feet

Total depth: 209 feet 6 inch, 81 feet to 209 feet

Bedrock (hard rock) at 22 feet _____ inch, _____ feet to _____ feet

Casing: 8 inch Ground feet to 23 feet Screen (Strainer or Perforated Casing)

_____ inch _____ feet to _____ feet	Diam.	Mesh	Size	_____ feet to _____ feet
_____ inch _____ feet to _____ feet	_____	_____	_____	_____ to _____
_____ inch _____ feet to _____ feet	_____	_____	_____	_____ to _____
_____ inch _____ feet to _____ feet	_____	_____	_____	_____ to _____

Yield: (a) flow _____ GPM Determined: (a) Pump test X

(b) pump 6 GPM (b) Bailer test _____

(c) Estimated _____

Water at (a) 40 feet to _____ feet Main supply developed at 42 feet

(b) _____ feet to _____ feet at _____ feet

(c) _____ feet to _____ feet

Pumping test: (date) 9/21/56 Duration 4 (hrs.); Final yield 6 GPM

Water level (static), 21 feet ~~XXXX~~ surface below

Drawdown: 73 feet after 4 hrs. pumping at 6 GPM

Use of water (a) Public supply (d) Governmental _____ Appearance of water Pump (installed)

(check) (b) Municipal (e) Industrial X Clear X Type None

(c) Commercial (f) Institutional _____ Cloudy _____ Capacity _____ GPM

Temperature of water (if determined) 62 °F. Taste None Set at _____ feet

Odor None Remarks _____

Well shot at: (1) _____ feet; (2) _____ feet; (3) _____ feet.

Charge used: (1) _____ lbs.; (2) _____ lbs.; (3) _____ lbs.

Packer at _____ feet Salt water at _____

Shoe at _____ feet Brackish water at _____

Wood plug at _____ feet Fresh water at _____

Log of well, given on reverse (over)

Remarks _____

This form, No. _____, mailed to _____ Name _____ Address _____

on _____ Date _____

Received by _____ Name _____ on _____ Date _____

Completed and mailed by _____ Name _____ on _____ Date _____

Received in offices of Virginia Geological Survey on _____ Date _____

over

LOG

Furnished by Lexington Well & Pump Co. Date 12-12-56

Compiled by _____ Date _____

Sample No.	Formation	Color	Hard or Soft	Top (Feet)	Bottom (Feet)	Thickness (Feet)	Remarks Water, fishing, shut down, screen, caving, shot
1	Loose Rock			0-5			
2	Sand & Clay			5-10			
3	" "			10-15			
4	" "			15-20			
5	Limestone	Gray	Hard	20-25			
6	"	"	"	30			
7	"	"	"	35			
8	"	"	"	40			
9	"	"	"	45			
10	"	"	"	50			
11	"	"	"	55			
12	"	"	Soft	60			
13	"	Blue	Hard	65			
14	"	"	"	70			
15	"	"	"	75			
16	"	"	"	80			
17	"	"	"	85			
18	"	"	"	90			
19	"	"	"	95			
20	"	"	Soft	100			
21	"	"	Hard	105			
22	"	"	"	110			
23	"	"	"	115			
24	"	"	"	120			
25	"	Gray & Blue	"	125			
26	"	"	"	130			
27	"	"	"	135			
28	"	"	"	140			
29	"	Red	"	145			
30	"	Gray	"	150			
31	"	"	"	155			
32	"	"	"	160			
33	"	Red	"	165			
34	"	Gray	"	170			
35	"	"	"	175			
36	"	Red & Gray	"	180			
37	"	Blue	"	185			
38	"	"	"	190			
39	"	"	"	195			
40	"	"	"	200			
41	"	"	"	205			
42	"	"	"	209			

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT
DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

WVCR 3
VDMR 99

WATER WELL COMPLETION REPORT

OWNER: Leas & McVitty, Tannery Plant Mailing Address: Buena Vista, Virginia
 TENANT: Lexington Well and Pump Co. Mailing Address: Lexington, Virginia R. F. D. 5
 DRILLER: _____ Mailing Address: _____
 WELL LOCATION: County Rockbridge County (Buena Vista) Approx. 400 ft.
south (direction) of Factory Street and 500 ft. miles west N & W. R. R. of _____

(Give direction and distance in feet or tenths of mile from two reference points—roads, towns, rivers, etc.—on county highway or other map.)

WATER CONDITIONS

DEPTH 21 feet
 STATIC WATER LEVEL _____
 WATER ZONES (fissures or formations supplying water)
40 (from) ft. (to) 42 (from) (to) ft. (Main supply)
 QUANTITY OF WATER
 WELL PUMPED (or bailed) at 4 Gal. per Min. with
7.5 feet DRAWDOWN after _____ HOURS PUMPING.
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground) **W**
 REMARKS: _____

QUALITY OF WATER

COLOR clear TASTE None
 ODOR None OTHER _____
 ANALYSIS: AVAILABLE—Yes No ATTACHED Yes No
 TEMPERATURE 62.0
 (salt, brackish, iron, sulfur, acid, other)
 WATER (from) _____ ft. (to) _____ ft.
 USE OF WATER: Domestic Town Industry Farm Public **S**

HOLE SIZE		CASING SIZE	
(diam.)	(from) ft. (to) ft.	(diam.)	(from) ft. (to) ft.
8	20	8	20
6	81		209

SCREEN (or perforations)
 (diam.) _____ (from) _____ (to) _____ (opening size) _____

CONSTRUCTION

RIG TYPE (or method) _____
 (rotary, cable, bored, driven, etc.)
 DATE: Started 8/21/56; Completed 9/22/56
 TOTAL DEPTH _____ ft.
 BEDROCK at 22 ft.

GROUTING INFORMATION

METHOD USED _____
 GROUTING MATERIAL _____
 DEPTH OF GROUTING _____

PUMP (installed)

TYPE _____ Cap. (gpm) _____
 H.P. _____ Depth of intake _____ ft.

REMARKS: Elevation: 839.98

LOG

FURNISHED BY Lexington Well & Pump Co.

DATE: 12-12-56

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
0	5	Loose rock	
5	10	Sand & clay	
10	15	Sand & Clay	
15	20	Sand & clay	
20	25	Limestone, gray, hard	
25	30	Limestone, gray, hard	
30	35	Limestone, gray, hard	
35	40	Limestone, gray, hard	
40	45	Limestone, gray, hard	
45	50	Limestone, gray, hard	
50	55	Limestone, gray, hard	
55	60	Limestone, gray, soft	
60	65	Limestone, blue, hard	
65	70	Limestone, blue, hard	
70	75	Limestone, blue, hard	
75	80	Limestone, blue, hard	
80	85	Limestone, blue, hard	
85	90	Limestone, blue, hard	
90	95	Limestone, blue, hard	
95	100	Limestone, blue, soft	
100	105	Limestone, blue, hard	
105	110	Limestone, blue, hard	
110	115	Limestone, blue, hard	
115	120	Limestone, blue, hard	
120	125	Limestone, gray & blue, hard	
125	130	Limestone, gray & blue, hard	
130	135	Limestone, gray & blue, hard	
135	140	Limestone, gray & blue, hard	
140	145	Limestone, red, hard	
145	150	Limestone, gray, hard	
150	155	Limestone, gray, hard	
155	160	Limestone, gray, hard	
160	165	Limestone, red, hard	
165	170	Limestone, gray, hard	
170	175	Limestone, gray, hard	
175	180	Limestone, Red and gray, hard	
180	185	Limestone, blue, hard	
185	190	Limestone, blue, hard	
190	195	Limestone, blue, hard	
195	200	Limestone, blue, hard	
200	205	Limestone, blue, hard	
205	209	Limestone, blue, hard	