

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

712 Spring Vally Rd.

OWNER: Lawrence E. Burke Mailing Address: Colonial Heights, VA 23834

TENANT: _____ Mailing Address: _____

DRILLER: Mitchell's Well & Pump Co., Inc. Mailing Address: Colonial Heights, VA 23834
(Lot 8-D Walthall Mill)

WELL LOCATION: County Chesterfield Subdivision approx. _____ feet miles _____ (direction) of _____
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: October 1977 DATE COMPLETED: October 1977

TYPE OF DRILL RIG USED: Cable tool TOTAL DEPTH 180 feet

WATER LEVEL: Stands 121 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Pumped
153' test pipe used, took no air
Drawdown _____ feet
Rate 10 gal. per min.
Duration 12 hrs., _____ min.

HOLE SIZE: 7½ inches from 0 to 15 feet
4 inches from 15 to 180 feet
_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

CASE SIZE: 4 inches from +1 to 177 feet 5"
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WATER: Color _____ Taste _____
Odor _____ Temp. _____ °F

GROUTING: Method _____
Material _____ Depth _____ feet

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

PUMP: Type _____
Capacity _____ gal per min
Depth of intake _____ feet

WATER ANALYSIS AVAILABLE: Yes _____ No _____
DRILL CUTTINGS SAVED: Yes XX 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: _____

LOG

FURNISHED BY: _____ DATE: _____

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	tan earth	SAMPLE # 1
10	20	orange earth	2
20	30	" "	3
30	50	tan earth	4 & 5
50	120	gray mud	6, 7, 8, 9, 10, 11, 12,
120	140	gray earth	13 & 14
140	180	gray & tan gravel	15, 16, 17, 18

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

INTERVAL SHEET

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				Well Repository No.:	W- 5389
Date rec'd:	11/1/78	Date Processed:	1/11/79	Sample Interval:	from 0 to: 180'
PROPERTY:	L. Burke (Walthall Mill)			Number of samples:	18
COMPANY:	Mitchell's W & P Co.			Total Depth:	180'
COUNTY:	Chesterfield (Walthall)			Oil or Gas:	Water: XX 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	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

All samples have both washed and unwashed samples.

Owner: L. Burke (Walthall Mill)
Driller: Mitchell's
County: Chesterfield

W# 5389
C# 232
Total Depth: 180'
Quad: Hopewell
Elev: 144'

Depth
(feet)

WELL LOG

0-10 Sand - very pale orange (10YR 8/2); abundant clay; fine to very coarse, with few rounded small pebbles, subangular, moderate sorting.

10-30 Sand - light brown (5YR 5/6); abundant clay; fine to small pebble, subangular and rounded, moderate sorting.

30-50 Sand - dusky yellow (5Y 6/4); abundant clay; fine to medium and granule to small pebble, angular, subangular and rounded, poorly sorted.

50-80 Clay - light olive gray (5Y 6/1); abundant sand; fine to granule, subangular and rounded, poorly sorted.

80-110 Clay - moderate olive gray (5Y 5/1); abundant sand; 50% glauconite; fine to medium, with some larger grains, subangular, well sorted; bone fragments; mica.

110-130 Clay - olive gray (5Y 4/1); abundant sand; 50+% glauconite; fine to medium, subangular, well sorted; mica.

130-140 Clay - moderate olive gray (5Y 5/1); abundant sand; fine to pebble, angular to rounded, poorly sorted; 35+% glauconite; mica.

140-180 Sand - mixed colors; fine to granule, small pebble at 160-180', angular with large granules and pebbles rounded, moderate sorting; abundant feldspar - white, pink, orange; garnet; iron oxide stains at 170-180'.

Logged by: J. K. Polzin
October 17/20, 1980