

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-5409
C-233

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: Mrs. Barbara I. Perry Mailing Address: 900 Ruffin Mill Rd. Colonial Heights, VA 23834

TENANT: _____ Mailing Address: _____

DRILLER: Mitchell's Well & Pump Co. Mailing Address: 16815 Happy Hill Rd. Colonial Heights, VA 23834

WELL LOCATION: County Chesterfield (Walthall Mill) 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.)

Started Dec. 1977-stopped-started again

DATE STARTED: in May 1978 DATE COMPLETED: May 1978

TYPE OF DRILL RIG USED: Cable tool TOTAL DEPTH 156 feet

WATER LEVEL: Stands 50 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Pumped

Drawdown _____ feet

Rate 20 gal. per min.

Duration 5 hrs., _____ min.
used 86' of pump pipe

WATER ZONES: from _____ to _____ feet

from _____ to _____ feet

from _____ to _____ feet

WATER: Color _____ Taste _____

Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home XX

Farm _____ Town _____ School _____

Industry _____ Other _____

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: _____

HOLE SIZE: 8 inches from 0 to 12 feet

4 inches from 12 to 156 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: 4 inches from +1 to 149 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

GROUTING: Method Poured in
Cement

Material sand & gravel Depth 12 feet

PUMP: Type _____

Capacity _____ gal per min

Depth of intake _____ feet

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	" "	2
20	30	gray mud	3
30	60	gray mud shells	4, 5, 6
60	156	sand & gravel	7, 8, 9, 10, 11, 12, 13, 14, 15, 16

Owner: B. Perry (Walthall Mill)
Driller: Mitchell's
County: Chesterfield

W# 5409
C# 233
Total Depth: 156
Quad: Hopewell
Elev: 63'

Depth
(feet)

WELL LOG

0-10 Sand - grayish orange (10YR 7/4); abundant clay; fine to granular, angular to subrounded, poor sorting.

10-20 Sand - dark yellowish orange (10YR 6/6); abundant clay; very fine to granular, angular to subrounded, poor sorting.

20-60 Sand - olive gray (5Y 4/1); abundant clay; medium, subangular, well sorted; 10%+ glauconite; mica.

60-70 Sand - mixed colors; 10% very fine to medium, subangular; 90% coarse to pebble, angular; poorly sorted; clean quartz.

70-80 Sand - light olive gray (5Y 7/1); medium to granule, angular, poorly sorted; quartz; 10% feldspar.

80-95 Sand - light olive gray (5Y 7/1); medium to granule, angular and subangular, poorly sorted; quartz; 30% feldspar.

95-100 Sand - light olive gray (5Y 7/1); coarse to very coarse with few granules, subangular, well sorted; quartz; 20% feldspar; iron oxide staining on feldspar.

100-130 Sand - light olive gray (5Y 7/1); medium to coarse with few very coarse, angular and subangular, moderate sorting; garnet; rose quartz; feldspar.

130-156 Sand - light olive gray (5Y 7/1) to mixed colors; medium to pebble, angular, subangular and rounded on largest pebbles, poor sorting; garnet; pyrite; feldspar, ~~and~~ 3 fragments covered with fine, needle-like crystals.

Logged by: J. K. Polzin
October 16, 1980