

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W#: 4063
C#: 204

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: A. L. Hanbury
Timlaph Corporation of Virginia Mailing Address: P. O. Box 3596, Richmond, Va. 23234
11901 Old State Rd.

TENANT: Timlaph Corporation of Virginia Mailing Address: Chester, Va.
Rt. 1, Box 110,

DRILLER: Mitchell's Well & Pump Co., Inc. Mailing Address: Colonial Heights, Va. 23834

WELL LOCATION: County Chesterfield Approx. 2 ^{road} miles off Rt. #10 in (direction) of
Richmond on right hand side of Old ~~xxxxx~~ Stage Rd. ^{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: April 1974 DATE COMPLETED: May 1974

TYPE OF DRILL RIG USED: Cable tool TOTAL DEPTH 106 feet

WATER LEVEL: Stands 12'9" feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Pumped
Drawdown 92 feet
Rate 30 gal. per min.
Duration 118 hrs., 55 min.
not continuous

HOLE SIZE: 12 inches from 0 to 25 feet
6 inches from 25 to 106 feet
_____ inches from _____ to _____ feet

SCREEN SIZE: 5 inches from 74 to 94 feet
with blank above & below

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

CASE SIZE: 6 inches from 0 to 65 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

GROUTING: Method Pumped under pressure
Material Cement & water Depth 25 feet

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

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

WATER ANALYSIS AVAILABLE: Yes _____ No _____

DRILL CUTTINGS SAVED: 10 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: _____

OWNER: A. L. Hanbury
Timplaph Corp.
DRILLER: Mitchell W & P Co.
COUNTY: Chesterfield (Chester)

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TOTAL DEPTH: 106'
QUAD.: Drewry's Bluff

GEOLOGIC LOG

Depth
(feet)

- 0-10 Sand — pale yellowish orange; slightly clayey; fine to medium grained, some coarse grains; subangular to subrounded; moderately well sorted; quartz; feldspar; some opaques; muscovite.
- 10-20 Sand — very pale orange; slightly clayey; fine to medium grained, some coarse grains, few granules; subangular to subrounded; moderately sorted; quartz; feldspar; 2% opaques; few grains of glauconite.
- 20-30 As above except no granules.
- 30-40 Sand — off white; slightly clayey; medium grained to granular (20%), some of fine grains, 15% angular pebbles; angular to subrounded; poorly sorted; quartz; feldspar; few grains of glauconite; few grains of garnet.
- 40-50 Sand — off white; coarse grained to granular (40%), 10% pebbles; subrounded; moderately sorted; quartz; feldspar.
- 50-60 Sand — white; slightly clayey; coarse to very coarse grained, 5% granules, some pebbles; subrounded; moderately sorted; quartz; feldspar.
- 60-70 As above except off white; coarse grained to granular, 10% small pebbles, some large pebbles (16-32 mm); poorly sorted.
- 70-80 Sand — off white; coarse to very coarse grained, some granules, few pebbles; subrounded; moderately sorted; quartz; feldspar.
- 80-90 Sand — off white; slightly clayey; coarse grained to granular, some pebbles; subrounded; moderately sorted; quartz; feldspar.
- 90-106 As above except coarse grained to granular, 10% pebbles; few grains of garnet.

Logged by: Michael T. Currie

OWNER: A. L. Hanbury
Timplaph Corp.

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GEOLOGIC SUMMARY

<u>Depth</u> <u>(feet)</u>	<u>Thickness</u> <u>(feet)</u>	<u>Rock Unit</u>	<u>Time Rock Unit</u>
0-30	30	Bacons Castle Formation	Pleistocene
30-106	76+	Patuxent Formation	Cretaceous

VIRGINIA DIVISION OF MINERAL RESOURCES
David A. Hubbard, Jr., Geologist
September 15, 1978