

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-5964
C-224

MAILING ADDRESS:
Box 3667
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:
McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: State Water Control Board Mailing Address: Box 11143 Richmond, Va 23230

TENANT: _____ Mailing Address: _____

DRILLER: State Water Control Board Mailing Address: Box 11143 Richmond, Va 23230

WELL LOCATION: County _____ 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: _____ DATE COMPLETED: _____

TYPE OF DRILL RIG USED: _____ TOTAL DEPTH _____ feet

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

YIELD TEST: Method _____
Drawdown _____ feet
Rate _____ gal. per min.
Duration _____ hrs., _____ min.

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

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

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

WATER ANALYSIS AVAILABLE: Yes _____ No _____

DRILL CUTTINGS SAVED: Yes _____ 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: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
SCREEN SIZE: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
CASE SIZE: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
GROUTING: Method _____
Material _____ Depth _____ feet
PUMP: Type _____
Capacity _____ gal. per min.
Depth of intake _____ feet

Owner: SWCB
Driller: SWCB
County: Prince George (Hopewell)

W# 5964
C# 224
Total Depth: 160'
Quad: Hopewell
Elev:

Depth
(feet)

Well Log

0-10 No sample.

10-20 Sand - very pale yellowish brown (10YR 7/2); sparse clay; very fine to coarse, subangular, moderate sorting; variegated colors of clay.

20-50 Sand - grayish orange (10YR 7/4); fine to very coarse with some rounded granules at 40-50', angular and subangular, moderate sorting; 5% phosphate fragments; feldspar; rose quartz.

50-60 Gravel - olive gray (5Y 4/1); moderate clay in clasts; fine to rounded pebbles, angular to subangular, poorly sorted; 40% glauconite; 1% shell fragments; garnet; mica.

60-70 Gravel, Glauconitic - light and dark green; sparse clay in clasts; 85% glauconite; fine to rounded pebbles, angular and subangular, poorly sorted; rare shell fragments; bone fragments; garnet.

70-90 Gravel - light olive gray (5Y 6/1); coarse to granule, subrounded, moderate sorting.

90-100 Gravel - mixed colors; coarse to pebble, subrounded to rounded, poor sorting.

100-110 Sand - light olive gray (3Y 6/1); sparse clay; medium to very coarse with some granules, subangular smaller grains to subrounded with rounded granules, poor sorting; feldspar; garnet.

110-160 Gravel - light olive gray (5Y 6/1); sparse clay; fine to pebble, angular to rounded pebble, poorly sorted; feldspar; garnet; mica at 140'-150'; trace minerals missing after 150'; abundant clay at 140'-150', none at 150'-160'.

Logged by: J.K. Polzin
Nov. 20, 1980