

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W# 5971
C# 175

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: Bank of West Point Mailing Address: P. O. Box 859
West Point, VA (843-2233)

TENANT: _____ Mailing Address: Route #2, Box 117B (966-2615)

DRILLER: W. H. Gammon Mailing Address: Providence Forge, VA 23140

WELL LOCATION: County King William Approx. 2 ~~XXXX~~ miles east (direction) of
Saluda on Route #33 ? 30 ? 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: May 10, 1979 DATE COMPLETED: May 16, 1979

August 9, 1979 August 15, 1979

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 681.5 feet

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

YIELD TEST: Method _____ HOLE SIZE: 9 inches from 0 to 389 feet
Drawdown _____ feet _____ inches from 389 to 681.5 feet
Rate 30 gal. per min. _____ inches from _____ to _____ feet
Duration _____ hrs., _____ min. SCREEN SIZE: 4 inches from 661 to 681 feet

WATER ZONES: from _____ to _____ feet _____ inches from _____ to _____ feet
from _____ to _____ feet _____ inches from _____ to _____ feet
from _____ to _____ feet CASE SIZE: 4 inches from 0 to 340 feet

WATER: Color _____ Taste _____ 2 inches from _____ to _____ feet
Odor _____ Temp. _____ °F _____ inches from _____ to _____ feet

WELL TO SUPPLY: (check one) Home _____ GROUTING: Method _____
Farm _____ Town _____ School _____ Material cement Depth 50 feet
Industry _____ Other _____ PUMP: Type submersible

WATER ANALYSIS AVAILABLE: Yes _____ No _____ Capacity _____ gal per min

DRILL CUTTINGS SAVED: Yes _____ No _____ Depth of intake _____ feet

(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: W. H. Gammon 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	23	sand, top soil	
23	35	sand	
35	55	sand, gravel, shells, some blue mud	
55	75	shells, sand	
75	95	sand, shells	
95	115	sand, shells	
115	135	sand, shells	
135	155	shells & blue mud	
155	175	shells & blue mud	
175	195	shells, sand	
195	215	shells, sand	
215	235	shells, sand	
235	255	shells, mud	
255	275	shells, mud	
275	295	shells, gray mud	
295	323	shells, gray green mud, fine sand	
323	343	shells, sand, mud	
343	363	shells, sand	
363	383	shells, sand, blue rock	
383	403	blue rock, salt & pepper sand, black mud	
403	423	black sand, black mud, few shells	
423	443	black sand, gray mud	
443	463	gray mud, few shells	
463	483	gray mud	
483	503	gray mud	
503	523	greenish gray mud, pinkish mud, few shells	
523	543	greenish gray mud, pinkish mud, fine sand	
543	563	gray mud	
563	583	gray mud	
583	603	gray mud, reddish brown mud, fine sand	
603	623	light gray mud, red mud	
623	643	gray mud, red mud, green mud	
643	663	white mud, red mud, white fine sand	
663	681.6	fine sand, white clay, water sand	

Owner: Bank of West Point
Driller: W. H. Gammon
County: King William (Saluda)

W# 5971
C# 175
Total Depth: 363'
Quad:
Elev:

Depth
(feet)

WELL LOG

0-35 No sample.

35-55 Sand - light olive gray (5 Y 6/1); very sparse ~~clay~~^{clay}; medium to coarse, subangular and subrounded, moderate sorting; 5% phosphate fragments; 25% fine shell fragments; crab chela.

55-75 Sand - light olive gray (5 Y 6/1); medium to very coarse with some granules, angular to subrounded, moderate sorting; 10% glauconite/phosphate fragments; 30% shell fragments; chela; rose quartz.

75-95 Sand - light olive gray (5 Y 6/1); medium to very coarse ~~with~~^{with} rose quartz, coarse to pebble, subangular with rose quartz subrounded, poor sorting; 10% glauconite; 40% shell fragments; bryozoa; iron oxide - hematite.

95
~~115~~-215 Gravel, shell - light and dark gray; 95% shell fragments - Molinia Congesta; bone fragments; rare rounded granules of sand; quartz at 115-135'; rare sand clasts of fine to medium, subangular quartz at 135-155' and moderate sand; fine to coarse, subangular, moderate sorting at 195-215'; rare glauconite.

~~115-135~~

215-235 No sample.

235-295 Sand - light olive gray (5 Y 6/1); sparse clay - moderate at 275-295'; fine to very coarse, subangular, moderate sorting; 5% glauconite; 30% shell fragments - with 10% at 275-295' - Venicardia, Dentalium, clast of rounded, iron-oxide stained granule and iron-oxide cement (?!); chela; bone fragments.

295-323 No sample.

323-343 Sand - light olive gray (5 Y 6/1); fine to coarse, angular and subrounded, well sorted, very cleanly washed; 5% phosphate fragments; rare shell fragments.

343-363 Sand - light olive gray (5 Y 6/1); medium to very coarse, angular and subangular, moderate sorting; clean; 10% phosphate fragments; 10% fine shell fragments.

Logged by: J. K. Polzin
November 22, 1980