

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

OWNER: Commonwealth of Virginia Mailing Address: _____

TENANT: Dept. of State Police Mailing Address: Box 1299, Richmond, VA

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

WELL LOCATION: County King William Approx. 5 ~~xxxx~~ miles North (direction) of
West Point, VA and 50 ~~xxxx~~ ^{feet} East (direction) of Route 30

(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.)

DATE STARTED: March 2, 1970 DATE COMPLETED: March 7, 1970

TYPE OF DRILL RIG USED: Rotary (mud and water) TOTAL DEPTH 437 feet

WATER LEVEL: Stands 171 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Air Compressor

Drawdown 40 feet

Rate 25 gal. per min.

Duration 6 hrs., 30 min.

HOLE SIZE: 6-1/4 inches from 0 to 392 feet

3-1/2 inches from 392 to 437 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: 2-1/2 inches from 417 to 437 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: 4-1/4 inches from 0 to 392 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

WATER ZONES: from _____ to _____ feet

from _____ to _____ feet

from _____ to _____ feet

WATER: Color clear Taste _____

Odor none Temp. 61 °F

WELL TO SUPPLY: (check one) Home _____

Farm _____ Town _____ School _____

Industry _____ Other office building

GROUTING: Method pumped

Material cement Depth 80 feet

PUMP: Type submersible

Capacity 12 gal. per min

Depth of intake 210 feet

WATER ANALYSIS AVAILABLE: Yes XX No _____

DRILL CUTTINGS SAVED: (9) 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: W. H. Gammon

DATE: 3-7-70

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
10	20	Sand	
20	30	Sand	
30	50	Sand	
50	150	Blue sand, marl, some shells	
150	170	Blue marl	
170	210	Blue rock in streaks; very hard	
210	250	Clay brown, clay blue; some shells	
250	391	Clay black, black sand, clay streaks	
391	437	Sand white (water); sand has some hard streaks	

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

INTERVAL SHEET

Page 1 of 1
 Date rec'd: 3-11-70 Date Processed: 4-15-70
 PROPERTY: VA. Dept. of State Police
 COMPANY: W. H. Gammon
 COUNTY: King William (Romancoke)

C-167
 Well Repository No.: W- 2791
 Sample Interval: from 10 to: 437
 Number of samples: 9
 Total Depth: 437'
 Oil or Gas: Water: XX Exploratory:

From-To	From-To	From-To	From-To	From-To
10-20	-	-	-	-
20-30	-	-	-	-
30-50	-	-	-	-
50-150	-	-	-	-
150-170	-	-	-	-
170-210	-	-	-	-
210-250	-	-	-	-
250-391	-	-	-	-
392-437	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
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-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

All intervals have both washed and unwashed samples.

Owner: State Police Dept.
Driller: Gammon
County: King William (Romancoke)

W# 2791
C# 167
Total Depth: 437'
Quad: West Point
Elev: 10'

Depth
(feet)

WELL LOG

0-10 No Sample.

10-20 Sand - grayish orange (10YR 7/4); coarse to very coarse, subangular and angular, moderately well sorted.

20-30 Sand - very pale orange (10YR 8/2); medium to very coarse, subangular and angular, moderate sorting; rose and smokey quartz.

30-50 Gravel - mixed colors; coarse to small pebble, subangular, poor sorting; rose and smokey quartz; few glauconite grains.

50-150 Sand - light olive gray (5Y 5/2); fine to medium, subangular, well sorted; very sparse and very small clay clasts; 10% fine phosphatic fragments; very sparse, fine shell fragments; iron staining on grains and some clay; echinoderm spines; mica.

150-170 Sand - yellowish gray (5Y 7/2); medium to coarse, subangular, well sorted; very sparse clay; 10% fine phosphatic fragments; 5% fine shell fragments; garnet.

170-210 Sand - light olive brown (5Y 5/4); moderate clay; fine to medium, subangular, well sorted; 10% very fine phosphatic fragments; 10% shell fragments.

210-250 Coquina - light and dark gray - bioclastic limestone with up to 10% glauconite, shell fragments, pyrite and sand grains; loose sand; medium to very coarse, subangular, poorly sorted; ostracods.

250-391 Sand, Glauconitic - light and dark gray; 60% glauconite, dark green, medium; fine to very coarse, subangular, some angular, poorly sorted; very rare shell fragments; foram; iron staining; feldspar.

392-437 Sand - grayish yellow (5Y 7/2); medium to coarse, subangular and angular, moderate sorting; 3% fine phosphatic fragments; feldspar; garnet; mica.

Logged by: J. K. Polzin
September 26, 1980