

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W- 5384
C- 227

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: Henrico Co. Police Dept. Mailing Address: _____

TENANT: _____ Mailing Address: _____

DRILLER: W. H. Gammon Well Co. Mailing Address: Rt. 2 Box 125
Providence Forge, VA. 23140

WELL LOCATION: County Henrico Approx. 2 ^{1/2}/₁ miles SE (direction) of
Byrd Airport and 3 ^{1/2}/₁ miles S (direction) of Sandston

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

DATE STARTED: 7-12-76 DATE COMPLETED: 7-23-76

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 232 feet

WATER LEVEL: Stands _____ feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method 55 gal. Drum.
Drawdown 20 feet
Rate 60 gal. per min.
Duration 8 hrs., _____ min.

HOLE SIZE: 12 inches from 0 to 232 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

SCREEN SIZE: 4 inches from 170 to 180 feet
4 inches from 182 to 192 feet
_____ inches from _____ to _____ feet

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

CASE SIZE: 6 inches from 0 to 170 feet
4 inches from 180 to 182 feet
4 inches from 192 to 232 feet

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

GROUTING: Method _____
Material _____ Depth 50 feet

WATER ANALYSIS AVAILABLE: Yes No _____

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

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.)

MARKS: _____

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	27	Fill dirt, red clay, sandgravel	
27	47	Sand & Gravel, blue mud	
47	67	Blue mud	
67	87	Blue mud, black sand	
87	107	Blue mud, black sand	
107	127	Light & dark gray mud, hard shale, red mud streaks	
127	147	Red & Gray mud, some sand	
147	167	Gray mud, shell & gravel	
167	187	Gray mud, sand, gravel, some sandclay	
187	207	Sand, clay, white mud sand - gravel green mud	
207	232	Green mud sand & gravel	

Owner: County Police Dept.
Driller: W. H. Gammon
County: Henrico (Sandston)

W# 5384
C# 227
Total Depth: 232'
Quad: Dutch Gap
Elev: 139'

Depth
(feet)

WELL LOG

- 0-27 Sand - Light and dark brown; medium to coarse, angular and subangular, well sorted; iron oxide particles; feldspar.
- 27-67 Gravel - Light and dark brown; fine to medium and pebbles (8mm), subangular and rounded, with some angular; * granite fragment; garnet; *8% very fine phosphatic fragments.
- 67-87 Sand, Glauconitic - Light olive gray (5y 5/2); 50% glauconite, green; medium; moderate clay; medium to very coarse with some granules, subrounded, poorly sorted; feldspar; mica.
- 87-107 Sand, Glauconitic - Light and dark gray; 70%+ glauconite, green, medium; moderate clay; fine to coarse, subangular and angular, poorly sorted; very rare shell fragments; feldspar; garnet.
- 107-127 Sand, Glauconitic - Light and dark gray; 70% glauconite; moderate clay, some light brown in small clasts; very fine to coarse, subangular, poorly sorted; 1% shell fragments.
- 127-147 Clay, Glauconitic - Dark yellowish brown (10yr 4/2); 50% glauconite; some gray clay in clasts; abundant sand; very fine to coarse, subangular, moderately sorted; 1% shell fragments.
- 147-167 Sand - Moderate olive gray (5y 4/2); moderate clay; fine to medium, subangular, well sorted; 40% fine glauconite; 3% fine shell fragments; forams-Robulus; mica.
- 167-187 Gravel, Glauconitic - Mixed colors; 50% glauconite; fine to pebble, subangular and rounded, poorly sorted; 3% shell fragments; forams-Nodasaria, Lagena; Oracod; garnet.
- 187-227 Sand - Light olive gray (5y 6/1); fine to granule with rare small pebbles, subangular, angular and rounded; *10% glauconite; rare shell fragments; feldspar; garnet. *poorly sorted, pyrite.
- 227-232 No Sample.

Logged by: J. K. Polzin
Sept. 17, 1980