

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W- 5383
C- 200

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

Box 3667

JAMES L. CALVER, COMMISSIONER

McCormick Road

Charlottesville, VA 22903

WATER WELL COMPLETION REPORT

Charlottesville, Virginia

OWNER: Hanover Co. Mailing Address: Va.

TENANT: _____ Mailing Address: _____

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

WELL LOCATION: County Hanover Approx. 500 ^{feet}/_{ft/s} E (direction) of
Route 301 and 300 ^{feet}/_{ft/s} E (direction) of Hanover Courthouse

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

DATE STARTED: 1-17-77 DATE COMPLETED: 2-25-77

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 260' feet

WATER LEVEL: Stands _____ feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Sub. pump

Drawdown 108 feet

Rate 42 gal. per min.

Duration 48 hrs., _____ min.

HOLE SIZE: 12 inches from 0 to 260 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

SCREEN SIZE: 2 inches from 240 to 260 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: 4 inches from 0 to 210 feet

2 inches from 210 to 240 feet

_____ inches from _____ to _____ feet

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 Municipality

GROUTING: Method _____

Material _____ Depth _____ feet

PUMP: Type _____

Capacity _____ gal per min

Depth of intake _____ feet

WATER ANALYSIS AVAILABLE: Yes X No _____

DRILL CUTTINGS SAVED: 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.)

MARKS: _____

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		
10	20	Sand	
20	30	Gravel	
30	50	Sand	
50	70	Sand mix, blue mud	
70	90	Blue mud	
90	110	Blue mud	
110	135	Sand	
135	155	Mud & Sand	
155	175	Sand	
175	195	Gravel	
195	215	Clay & Sand	
215	224	Clay & Sand	
224	260	Water sand	

Owner: Hanover County
Driller: W. H. Gammon
County: Hanover

W# 5383
C# 200
Total Depth: 260'
Quad: Hanover
Elev: 85'

Depth
(feet)

WELL LOG

- 10-20 Sand - Grayish orange (10yr 7/4); medium to very coarse, angular and subangular, moderate sorting; very rare feldspar; mica.
- 20-30 Sand - Grayish orange (10yr 7/4); medium to very coarse, angular and subangular, moderate sorting; gneiss (?) fragment with pyrite; phosphate fragments.
- 30-50 Sand - Pale yellowish brown (10yr 6/2); very sparse clay in sand clasts; fine and coarse to granule, subangular, poorly sorted; * rock fragments; large quartz in rock matrix fragments; garnet. *Phosphate fragments.
- 50-90 No Samples.
- 90-110 Gravel - Light and dark gray; sparse clay of various colors in clasts; fine to large granule, subangular, poorly sorted; 10% dark green glauconite; 3% shell fragments finely ground; rock fragments.
- 110-135 No Sample.
- 135-155 Gravel - Light and dark gray; sparse clay (yellow); fine to pebble, rounded, poorly sorted; 1%(+) glauconite/phosphate fragments; rare shell fragments.
- 155-175 Sand - Light Olive gray (5y 6/1); sparse silt; fine and medium to pebble (small), rounded and some angular fragments; very rare glauconite; 1% shell fragments.
- 175-215 Gravel - Light olive gray (5y 6/1); sparse fine sand and pebbles (10mm); rounded, well sorted.
- 215-224 Gravel - Light olive gray (5y 6/1); sparse clay; fine to large pebble, 10% pebbles (15mm), angular (?) and rounded, poorly sorted.
- 224-255 Sand - Light olive gray (5y 6/1); fine to very coarse, angular and some subangular, moderate sorting.
- 255-260 No Sample.

Logged by: J. K. Polzin
Sept. 8, 1980