

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W# 5390
C# 218

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: Forbes-Eliades, Ltd. Mailing Address: 4405 Pfost Ave. Hopewell, Virginia 23860

TENANT: _____ Mailing Address: _____

DRILLER: J. J. Mitchell, Jr. Mailing Address: 16815 Happy Hill Rd./Col. Hgts., VA.

WELL LOCATION: County Prince George 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: July 1978 DATE COMPLETED: July 1978

TYPE OF DRILL RIG USED: Combination TOTAL DEPTH 297' feet

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

YIELD TEST: Method pumped
Drawdown _____ feet
Rate 133 gal. per min.
Duration 48 hrs., _____ min.

HOLE SIZE: 12 1/4 inches from 0 to 50 feet
7 1/2 inches from 50 to 200 feet
6 inches from 200 to 297 feet

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

SCREEN SIZE: _____ inches from _____ to _____ feet

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

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: 6 inches from +1 to 213' 5" feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

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

GROUTING: Method _____
Material _____ Depth _____ feet

WATER ANALYSIS AVAILABLE: Yes X No _____

PUMP: Type _____
Capacity _____ gal per min

DRILL CUTTINGS SAVED: Yes X 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.)

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		
0	10	Orangeish earth	
10	30	Orange-gray	
30	40	Orangeish sand & gravel	
40	50	gray mud - shells	
50	160	gray earth - shells	
160	260	sand & gravel	
260	297	gray mud - shells	

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

INTERVAL SHEET

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Well Repository No.: W- 5390
 C- 218

Date rec'd: 11/1/78 Date Processed: 1/11/79

Sample Interval: from 0 to: 290'

PROPERTY: Forbes-Eliades, Ltd.
 Rolling Meadows #2

Number of samples: 29

COMPANY: Mitchell's W & P Co., Inc.

Total Depth: 297'

COUNTY: Prince George (Gee)

Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To	From-To
0-10	-	-	-	-
10-20	-	-	-	-
20-30	-	-	-	-
30-40	-	-	-	-
40-50	-	-	-	-
50-60	-	-	-	-
60-70	-	-	-	-
70-80	-	-	-	-
80-90	-	-	-	-
90-100	-	-	-	-
100-110	-	-	-	-
110-120	-	-	-	-
120-130	-	-	-	-
130-140	-	-	-	-
140-150	-	-	-	-
150-160	-	-	-	-
160-170	-	-	-	-
170-180	-	-	-	-
180-190	-	-	-	-
190-200	-	-	-	-
200-210	-	-	-	-
210-220	-	-	-	-
220-230	-	-	-	-
230-240	-	-	-	-
240-250	-	-	-	-
250-260	-	-	-	-
260-270	-	-	-	-
270-280	-	-	-	-
280-290	-	-	-	-
-	-	-	-	-

All Samples have both washed and unwashed samples.

Owner: Forbes-Eliades, Ltd.
(Rolling Meadows #2)
Driller: Mitchell's W & P Co.
County: Prince George

W# 5390
C# 218
Total Depth: 297'
Quad: Prince George
Elev: 124'

Depth
(feet)

Well Log

- 0-10 Clay - Grayish orange (10yr 7/4); very sparse sand - few medium to coarse grains; quartz.
- 10-20 Clay - As Above, except: clay clasts - white, covered with film of gray clay; sand as above.
- 20-30 Clay - As Above.
- 30-40 Sand - Grayish orange (10yr 7/2); sparse silt; medium to coarse, subangular, well sorted; quartz.
- 40-50 Clay - Light olive gray (5y 5/2) and light brown (5y 5/6); abundant clasts of both colors; sand, fine to granule, sub-angular to subrounded, poor sorting; quartz; 10% shell fragments, coral; fish vertebrae; echinoderm spines.
- 50-60 Shell Hash - "Salt and Pepper"; moderate clay in small clasts; medium to coarse, subangular, some granule, poor sorting; quartz; 50% small shell fragments; bryozoa; echinoderm spines; arthropod fragments.
- 60-70 Shell Hash - As Above, except: abundant clay.
- 70-80 Clay - Light olive gray (5y 5/2); clay in clasts with tan coloration; sand, medium, subangular, some coarse, well sorted, quartz; 30% shell fragments, arthropod fragments.
- 80-90 Clay - Olive gray (5y 5/1); As Above, except: some very coarse; sand; 45% shell fragments; 2% glauconite.
- 90-100 Clay - As Above, except: sand, medium to coarse, moderate sorting; 10% glauconite; 50% shell fragments.
- 100-110 Clay - Light olive gray (5y 6/1); sparse silt, ^{and} ~~sand~~ sand; coarse, subrounded, few very coarse, poor sorting; quartz; sparse glauconite; 10% shell fragments.
- 110-120 Sand - Yellowish gray (5y 8/1); very sparse clay in small clasts; medium to granule; subrounded; poor to moderate sorting; quartz; 1% glauconite; some shell fragments; pyrite nodules; garnet; feldspar.
- 120-130 Sand - As Above, except: moderate sorting; rare shell fragments.
- 130-140 Clay and Sand - Light olive gray (5y 6/1); sand as above; phosphatic nodules; mica.

Owner: Forbes-Eliades, Ltd.
(Rolling Meadows #2)

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Depth
(feet)

140-150	Sand - As Above, except: moderate clay; sand in clasts; medium to very coarse; 3% glauconite; mica.
150-160	Sand - As Above, except: medium granule; angular to subrounded; no glauconite; phosphatic nodules; garnet chips.
160-170	Sand - As Above.
170-180	Sand - As Above, except: 45% granule.
180-190	Sand - As Above, except: medium to granules.
190-200	Sand - As Above, except: coarse to granule.
200-210	Sand - As Above, except: sparse clay in clasts; angular grains; mica.
210-220	Sand - As Above, except: very sparse clay; angular to sub-angular.
220-230	Sand - As Above, except: sparse clay; coarse to pebble, angular to subangular, poor sorting; quartz; feldspar.
230-240	Sand - As Above, except: no clay; coarse to very coarse; well sorted; iron.
240-250	Sand - As Above.
250-260	Sand - As Above, except: coarse to pebble; angular to sub-angular.
260-270	Sand - As Above, except: pebble; some granules; subangular.
270-280	Sand - As Above, except: coarse to pebble; angular to sub-angular.
289-290	Sand - As Above.
290-297	No Sample.

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