

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W# 5411
C# 217

MAILING ADDRESS:

Box 3667
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

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

TENANT: _____ Mailing Address: _____

DRILLER: J. J. Mitchell, Jr./Mitchell Well & Pump Mailing Address: 16815 Happy Hill Rd. Colonial Heights, VA. 23834

WELL LOCATION: County Prince George Approx. _____ feet miles _____ (direction) of _____
Rolling Meadows Subdivision 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: April 1978 DATE COMPLETED: April 1978

TYPE OF DRILL RIG USED: Cable tool TOTAL DEPTH 280' 7" feet

WATER LEVEL: Stands _____ feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method _____

Drawdown _____ feet

Rate _____ gal. per min.

Duration _____ hrs., _____ min.

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 Subdivision

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.)

REMARKS: _____

HOLE SIZE: 10 inches from 0 to 50 feet

6 inches from 50 to 280' 7" feet

_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: 6 inches from +1 to 221' 1" feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

GROUTING: Method _____

Material _____ Depth _____ feet

PUMP: Type _____

Capacity _____ gal. per min

Depth of intake _____ feet

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	10	orange earth	SAMPLE # 1
10	20	orange-gray mud	2
20	30	tan earth	3
30	50	gray earth	4, 5
50	100	gray earth-shells	6 thru 10
100	140	sand; gravel, shells	11 thru 14
140	150	gray	15
150	280' 7"	sand, gravel, shells	16 thru 28
			backfilled with gravel to 274' 7".

(Use additional forms if necessary)

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

INTERVAL SHEET

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Well Repository No.: W- 5411
 C- 217

Date rec'd: 11-1-78 Date Processed: 2-14-79

Sample Interval: from 0 to: 280'

PROPERTY: Forbes & Eliades
 (Rolling Meadows #1)

Number of samples: 28

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

Total Depth: 280½

COUNTY: Prince George

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	-	-	-	-
-	-	-	-	-

- All samples have both washed & unwashed samples.

Owner: Forbes & Eliades
Driller: Mitchell's W & P Co., Inc.
County: Price George

W# 5411
C# 217
Total Depth: 280' 7"
Quad: Prince George
Elev: 125'

Depth
(feet)

WELL LOG

- 0-10 Clay - Dark yellowish orange (10yr 6/6); abundant clay; sparse sand; medium to coarse; subangular to Rounded; some granules; poor sorting; quartz.
- 10-20 Clay - Pale orange (10yr 7/2); clasts of white, red, yellow, orange; very sparse sand as above.
- 20-30 Clay, Sandy - Grayish orange (10yr 7/4); abundant sand; medium to granule, angular to subrounded, poor sorting; quartz.
- 30-40 Clay, Sandy - Light olive gray (5y 5/2); As Above, except: medium grained; few very coarse; moderately well sorted; 6% glauconite; shell fragments; wood fragments.
- 40-50 Clay, Sandy - As Above.
- 50-60 Sand - As Above, except: 10% small to very large shell fragments; no wood.
- 60-70 Clay, Sandy - As Above, except: fine to very coarse, subangular, poorly sorted; 2% glauconite; 7% shell fragments.
- 70-80 Sand - As Above, except: 10% large shell fragments; abundant clay; sand - medium grained; moderate sorting.
- 80-90 Clay - Light olive gray (5y 6/1); abundant clasts of white, tan, orange, yellow, red, gray; moderate sand; fine to coarse, subangular, moderate sorting; quartz; 15% fine glauconite; some shell fragments; mica.
- 90-100 Clay - As Above, except: brown (light brown 5y 5/6); clasts more apparent; 7% glauconite; mica; pyrite nodule; phosphatic bone fragments.
- 100-110 Sand - Light olive gray (5y 6/1); rounded granules and pebbles; fine to very coarse, subangular, poorly sorted; quartz; black phosphatic nodules; shell fragments; 10% fine glauconite.
- 110-120 Sand - As Above, except: 2% larger (15mm) pebbles; 7% glauconite; feldspar.
- 120-130 Sand - As Above, except: very sparse clay in clasts; very clean sand; no glauconite or accessory minerals; few shell fragments.
- 130-140 Sand - As Above, except: moderate clay; sand-medium to granule, no pebbles or shell fragments; feldspar.

<u>Depth (Feet)</u>	
140-150	Clay - Light gray (N7); abundant clay; sparse sand; medium to very coarse, subangular, few granules, poor sorting; quartz.
150-160	Sand - Light olive gray (5y 6/1); no clay; medium to granule, angular to subangular, poor sorting; quartz; feldspar.
160-170	Sand - As Above, except: fine to pebble; phosphatic nodule; garnet; shell fragments.
170-180	Sand - As Above, except: moderate sorting; pebbles fewer, but large and angular, approaching "chips" of quartz (20 x 20mm).
180-190	Sand - As Above, except: fine to granule, few pebbles.
190-200	Sand - As Above, except: medium to granule; poor sorting.
200-210	Sand - As Above.
210-220	Sand - As Above, except: 1% 10mm pebbles.
220-230	Sand - As Above, except: no pebbles, med. to granules.
230-240	Sand - As Above, except: 1% pebbles (17mm).
240-250	Sand - As Above, except: very sparse clay in clasts; medium to granule, angular to subrounded, poor sorting; garnet chips.
250-260	Sand - As Above, except: no clay; rare shell fragments.
260-270	Sand - As Above, except: coarse to granule; moderate sorting; iron; rare clay clasts; garnet chips.
270-280	Sand - As Above, except: sparse silt; medium to granule; subangular; poor sorting; quartz; feldspar; iron & staining; garnet.
280'-280' 7"	No Sample.

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