

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-3697
C-410

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: Drewryville Mailing Address: Drewryville, VA

TENANT: _____ Mailing Address: _____

DRILLER: R. L. Magette Mailing Address: _____

WELL LOCATION: County Southampton 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 18, 1972 DATE COMPLETED: _____

TYPE OF DRILL RIG USED: _____ TOTAL DEPTH 300 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.

HOLE SIZE: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ 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: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

GROUTING: Method _____
Material _____ Depth _____ 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.)

REMARKS: _____

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	30	Red Clay	
30	50	Blue Clay	
50	60	Blue Clay with shell	
60	90	Blue Grey Clay	
90	110	Blue Clay with shell	
110	120	Blue Clay with shell	
120	180	Coarse sand	
180	200	Coarse sand with Blue Clay	
200	240	Coarse sand (clean)	
240	270	Sandy Blue Clay	
270	290	Coarse sand and sharp gravel	
290	300	Sandy Grey Clay	

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

INTERVAL SHEET

Page 1 of 1
 Date rec'd: 10-10-72 Date Processed: 3-26-73
 PROPERTY: Town of Drewryville
 COMPANY: R. L. Magette
 COUNTY: Southampton

C-410
 Well Repository No.: W- 3697

Sample Interval: from 10 to: 300
 Number of samples: 29
 Total Depth: 300'
 Oil or Gas: Water: XX Exploratory:

From-To	From-To	From-To	From-To	From-To
10-	-	-	-	-
20-	-	-	-	-
30-	-	-	-	-
40-	-	-	-	-
50-	-	-	-	-
60-	-	-	-	-
70-	-	-	-	-
80-	-	-	-	-
90-	-	-	-	-
100-	-	-	-	-
-	-	-	-	-
120-	-	-	-	-
130-	-	-	-	-
140-	-	-	-	-
150-	-	-	-	-
160-	-	-	-	-
170-	-	-	-	-
180-	-	-	-	-
190-	-	-	-	-
200-	-	-	-	-
210-	-	-	-	-
220-	-	-	-	-
230-	-	-	-	-
240-	-	-	-	-
250-	-	-	-	-
260-	-	-	-	-
270-	-	-	-	-
280-	-	-	-	-
290-	-	-	-	-
300-	-	-	-	-

Unwashed only.

Owner: Drewryville
Driller: R. L. Magette
County: Southampton

W# 3697
C# 410
Total Depth: 300'
Quad:
Elev:

Depth
(feet)

WELL LOG

0-10 Clay - grayish orange (10YR 7/4); rose, white, red, yellow streaked clay.

10-20 Clay - moderate red (5R 5/4) and light brown (5YR 6/4).

20-90 Clay - light olive gray (5Y 6/1); 50-60 - 1% shell fragments; 60-90 - few shell fragments.

90-100 Clay - light olive gray (5Y 6/1); sparse sand; medium grain, subangular, well sorted; 7% shell fragments - Turritella.

100-110 No sample.

110-120 Clay - light olive gray (5Y 6/1); abundant sand, very fine to medium and some granules, subangular, poor sorting; 8% mica - muscovite and fuschite.

120-150 Sand - light olive gray (5Y 6/1); very fine to granule, subangular, poorly sorted; garnet - 120-130; 130-140 - fine to granule; 140-150 - sparse clay.

150-160 Sand - light olive gray (5Y 6/1); very sparse clay in sand clasts; medium to granule, subangular, poor sorting.

160-180 Sand - light olive gray (5Y 6/1); very sparse clay in sand clasts; very fine to granule, subangular, poorly sorted; few shell fragments; garnet; 170-180 - no clay, shells or garnet.

180-190 Clay - moderate olive gray (5Y 5/1); abundant sand; very fine to granule, subangular, poor sorting; 5% mica.

190-200 Clay - moderate olive gray (5Y 5/1); abundant sand; very fine to granule, subangular, poor sorting; 10% mica; lignite (mica-muscovite/fuschite).

200-210 Sand - moderate olive gray (5Y 5/1); some clay clasts; medium to granule, subangular, moderate sorting.

210-220 Sand - moderate olive gray (5Y 5/1); no clay; very fine to pebble, subangular, poor sorting.

220-230 Gravel - moderate olive gray (5Y 5/1); very fine to pebble, 50% pebbles, subangular, poor sorting.

Depth
(feet)

- 230-250 Gravel - moderate olive gray (5Y 5/1); very fine to granule, subangular, poor sorting; 240-250 - moderate clay.
- 250-260 Clay - pale yellowish gray (5Y 9/1); abundant sand, fine to granule, subangular, poorly sorted; mica - some.
- 260-270 Clay - yellowish gray (5Y 7/2); abundant sand, fine to medium, some granules, subangular, moderate sorting; sparse mica.
- 270-280 Sand - yellowish gray (5Y 7/1); sparse clay in sand clasts; fine to very coarse, subangular, moderate sorting.
- 280-290 Gravel - yellowish gray (5Y 7/1); fine to pebble (50% pebbles), subangular to subround, and some angular, poor sorting.
- 290-300 Sand - yellowish gray (5Y 7/1); fine to "some pebbles," some angular, subangular to subround, poor sorting.

Logged by: J. K. Polzin
July 23, 1980