

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-2817
C-406

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: Town of Newsoms, Well #2 Mailing Address: Newsoms, VA

TENANT: _____ Mailing Address: _____

DRILLER: Pittman Wood & Metal Prod. Mailing Address: P.O. Box #5, Courtland, VA

WELL LOCATION: County Southampton Approx. _____ feet miles _____ (direction) of _____
(in town) _____ 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: 9-1-69 DATE COMPLETED: 11-29-69

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 372 feet

WATER LEVEL: Stands 130 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Pump
Drawdown 25 feet
Rate 246 gal. per min.
Duration 24 hrs., _____ min.

HOLE SIZE: 16 inches from 0 to 358 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

SCREEN SIZE: 8 inches from 323 to 353 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

WATER ZONES: from 323 to 353 feet
from _____ to _____ feet
from _____ to _____ feet

CASE SIZE: 8 inches from - to 323 feet

8 inches from 353 to 358 feet

_____ inches from _____ to _____ feet

WATER: Color clear Taste good
Odor none Temp. _____ °F

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

GROUTING: Method gravity (in a pipe)

Material cement Depth 60 feet

PUMP: Type submersible

WATER ANALYSIS AVAILABLE: Yes _____ No _____
(35)
DRILL CUTTINGS SAVED: Yes XX No _____

Capacity 246 gal per min

Depth of intake 220 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.)

REMARKS: _____

LOG

FURNISHED BY: Pittman Wood & Metal Prod.
(Water Supply Div.)

DATE: 9-1-69

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	20	Red & gray clay streaks	
20	32	Gray clay with streaks of gray sand	
32	52	Gray clay	
52	72	Blue clay & oyster shells	
72	92	Black sand with gray sand - streaks	
92	112	Gray sand - <u>fine</u>	
112	122	Gray sand	
122	132	Blue clay	
132	152	Sand with clay streaks	
152	172	" " " "	
172	192	Gray clay	
192	200	Gray clay	
200	212	Red clay	
212	272	Red clay	
272	292	Soft red clay & sand	
292	352	Gray & white, coarse sand	Screen set 323-352
352	372	Gray & white sand with streaks of gray clay	

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

INTERVAL SHEET

Page 1 of 1
 Date rec'd: 12/3/69 Date Processed: 5/7/70
 PROPERTY: Town of Newsoms #2
 COMPANY: Pittman
 COUNTY: Southampton

C-406
 Well Repository No.: W-2817
 Sample Interval: from 10 to: 372'
 Number of samples: 27
 Total Depth: 372'
 Oil or Gas: Water: XX Exploratory:

From-To	From-To	From-To	From-To	From-To
10-20	-	-	-	-
20-32	-	-	-	-
32-42	-	-	-	-
42-52	-	-	-	-
52-62	-	-	-	-
62-72	-	-	-	-
72-82	-	-	-	-
82-92	-	-	-	-
92-102	-	-	-	-
102-112	-	-	-	-
112-122	-	-	-	-
122-132	-	-	-	-
132-142	-	-	-	-
142-152	-	-	-	-
152-162	-	-	-	-
162-172	-	-	-	-
172-182	-	-	-	-
182-192	-	-	-	-
192-202	-	-	-	-
222-232	-	-	-	-
292-312	-	-	-	-
312-322	-	-	-	-
322-332	-	-	-	-
332-342	-	-	-	-
342-352	-	-	-	-
352-362	-	-	-	-
362-372	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

All intervals have both washed and unwashed samples.
 Threw away eight samples; couldn't identify.

Owner: Newsoms (Township)
Driller: Pittman
County: Southampton

W# 2817
C# 406
Total Depth: 372'
Quad:
Elev:

Depth
(feet)

WELL LOG

0-10 No Sample.

10-42 Sand - moderate yellow gray (5Y 6/2); moderate clay; medium to coarse, subangular, well sorted (gray and yellow clay clasts); iron oxide; mica; 20-42 - abundant clay.

42-52 Clay - yellowish gray (5Y 7/2); no sand.

52-72 Coquina - mixed colors - sparse sand, fine to medium, subangular, poor sorting; 90% shell fragments - Ostrea, barnacle; echinoderm spines; bryozoa.

72-82 Sand - light olive gray (5Y 6/2); medium to very coarse, subangular, moderate sorting; 20% shell fragments; 10% phosphatic fragments.

* 82-92 Sand - light olive gray (5Y 6/2); medium to coarse, subangular, well sorted; 5% shell fragments; 30% phosphatic fragments; 1 (one) clay clast.

** 92-102 Sand - light olive gray (5Y 6/2); medium to very coarse, subangular, moderate sorting; 1% shell fragments; 30% mixed glauconite and phosphatic fragments; 3% garnet; tooth (shark?).

*102-112 Sand - light olive gray (5Y 6/2); medium to coarse, subangular, well sorted; 5% shell fragments; 20% mixed glauconite and phosphatic fragments.

**112-122 Sand - light olive gray (5Y 6/2); medium to very coarse, subangular, moderate sorting; 1% shell fragments; 20% mixed glauconite and phosphatic fragments; 3% garnet.

122-142 Sand - light olive gray (5Y 6/1); medium to very coarse, mostly very coarse; subangular, well sorted; 1% shell fragments; some garnet; 132-142 - few shell bits.

142-152 Sand - moderate yellow gray (5Y 6/2); sparse clay; medium to very coarse, subangular, poor sorting; 1% shell fragments; some feldspar; some garnet.

152-162 Sand - moderate yellow gray (5Y 6/2); moderate clay; coarse, some medium grains, angular and subangular; moderate sorting; 1% shell fragments; mica.

Depth
(feet)

162-172 Sand - moderate yellow gray (5Y 5/2); abundant clay; medium, some larger grains, angular and subangular, moderate sorting; few shell bits; mica.

172-182 Sand - moderate yellow gray (5Y 5/2); abundant clay; fine to very coarse, subangular, poor sorting; few shell bits; mica.

182-202 Sand - moderate yellow gray (5Y 5/2); abundant clay; fine and granular, subangular, poor sorting; 1% shell fragments; mica; feldspar; 192-202 - moderate clay.

202-222 No Samples.

222-232 Gravel - mixed colors - sparse clay; large granules and some mixed smaller grains, angular and subangular, moderate sorting; clay is coating granules.

232-292 No Samples.

292-332 Sand - pale yellow brown (10YR 6/2); medium to granule, subangular, moderate sorting; some feldspar; 292-312 - sparse mica, garnet, and phosphatic bits; shark tooth; 1% iron oxide fragments; 322-332 - shell fragments; some iron oxide.

332-352 Sand - pale yellow brown (10YR 7/2); medium to granule, subangular, moderate sorting; some feldspar; garnet.

352-362 Sand - yellow gray (5Y 8/1); medium to granule, angular and subangular, moderate sorting; 1% feldspar; some iron oxide.

362-372 Sand - yellow gray (5Y 8/1); medium to granule, angular and subangular, moderate sorting; clasts of saprolitic feldspar with quartz and fuschite, few iron oxide bits; garnet.

Logged by: J. K. Polzin
July 27, 1980