REPORT

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

C. Hottesville, VA 22903

DIVISION OF MINERAL RESOURCES OFFICE ADDRESS:

WELL COMPLETION

JAMES L. CALVER, COMMISSIONER B 3667

WATER

McCormick Road Charlottesville, Virginia

Henry L. Branscome, Shores Well #1 Pocahontas ____ Mailing Address. Williamsburg, VA OWNER:__ TENANT: ____ Mailing Address: DRILLER: W. H. Gammon Well Co. Mailing Address: Providence Forge, VA WELL LOCATION County James City Approx 2000 feet north __(direction) of XIKO miles west (direction) of Route 31 Neck-o-Land Road and one (GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS ROADS, TOWNS, RIVERS, ETC. ON COUNTY HIGHWAY OR OTHER MAP.) DATE STARTED: 4/5/76 DATE COMPLETED: 4/16/76 TOTAL 385 TYPE OF DRILL RIG USED: Rotary DEPTH feet black & white sand, green mud, sand clay Stands 60 feet below WATER LEVEL! surface OR ____gallons per minute. has NATURAL flow of___ YIELD TEST: Method Submersible pump HOLE SIZE: 12 inches from 0 to 385 feet Drawdown _____ feet _____inches from _____to ____feet Rate 250 gal. per min. ____inches from _____to ____feet Duration 48 hrs., min. SCREEN SIZE: 6 inches from 285 to 315 feet WATER ZONES: from _______to _____feet __inches from _____to ____ ____inches from ____to____feet from _____feet CASE SIZE: 6 inches from 0 to 285 feet from _____feet WATER: Color_____Taste___ 6 inches from 315 to 335 feet Odor____Temp.____°F ____inches from _____to____feet GROUTING: Method _ Cement WELL TO SUPPLY: (check one) Home _ Material _____ Depth 50 feet Farm ____ Town ___ School __ Industry____Other_Subdivision PUMP: Туре _____ WATER ANALYSIS AVAILABLE: Yes X No ____ Capacity_____gal per min Yes X No DRILL CUTTINGS SAVED: Depth of intake (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.) R ARKS:____

__DATE:_

W = 5799

COMMONWEALTDOJF VIRGINIA C = 182

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT. FURNISHED BY:

DEPTH (feet)		TYPE OF ROCK OR SOIL PENET	REMARKS	
FROM	то	(gravel, clay, etc., hardness, color	ntas Well #1	(water, caving, shot, screen, sample, etc
0	24	top soil, red sand season problem	Marie Control of the	EÑANT.
24	47	sand, gravel, blue mud		entre W. H. Gammon Well Co.
47 67	67 87	blue mud, sand, sand rock		
87	107	blue mud, some shells		ELL LOCATION County James City
107	128 TOR	blue mud	one	Neck-o-Land Road
128 149	149 170	blue mud, brown mud, shells brown mud, shells, shale rock		WE DRECTION AND DISTANCE IN FEET OR
170	191	brown mud, shells, black sand		LEAM RIBINARY OR OTHER MAR!
191 212	212 233	gray mud, black sand gray mud, red mud, black sand		TE STARTED: 4/5/76
233	254	T'939" JATOT" " "	V.Z	TO SELL RIGUSED LESS TO SERVE
254	275	black & white sand, green mud,	sand clay	13
275 295	295 315	white sand white sand		TER TEAET: Stouds 20
315	335	white sand, gray mud		ABUTAH KER
335 355	355 385 0	white sand, mud streaks sand clay, mud streaks		ELD TEST Mathod Submersible po
	- 11			A.C.
				250 gul per
		SCREEN SIZE, 6 Inches from 2		25
red .				TER ZONES: tree
		most zenan		mort.
		CASE SIZE 6 monus from		61
1012	15 16 31	6 menny from 2		TERF Corp. Towns
·1				Temp?
		GROUTING Method Cement		DUE TO SUPPLY Honor one) Homo
o/	1560_			cortaitTownBehap
			ion	industrySubdivis
m Ham	Inp	Copacity		TER ANALYSIS AVAILABLETSS
0.1				ILL CUTTINGS SAVED. Yes.
SIRT	SHIPPED T			THE CUTTINGS SHOULD BE COLLECTED.
				DARKS
	1			

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

INTERVAL SHEET

Page	1	of	1		Well Repo	sitory 1	No.:	W- 5799	

C-182

16

Date rec'd: 1-19-79 Date Processed: 2-28-80 Sample Interval: from 0 to: 335

PROPERTY: Henry L. Branscome Number of samples:

(Pocahontas Shores #1)

COMPANY: W. H. Gammon Total Depth: 385

COUNTY: James City (Williamsburg) Oil or Gas: Water: XX Exploratory:

From-To	From-To	From-To	From-To	From-To
0-24	_	-	_	-
24-47	_	-	.—.	=
47-67	_	-	5-1	_
67-87	-	-	-	-
84-106	_	-	_	-
87-107	_	-	-	-
107-128	_	-		=
	_	_	_	-
149-170	1-	_	_	_
170-191	_		-	_
191-212	_	-	-	-
212-233	_	_	_) =
233-254	_	-	_	_
254-275	72	_	_	_
275-295	_	_	-	-
295 -315	=:	-	=	a
315 -335	_	-	-	=
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Owner: Henry L. Branscome W# 5799 C# 182 (Pocahontas Shores #1)

Driller: W. H. Gammon Total Depth: 385 County: James City (Williamsburg)

Quad: Surry Elev: 16'

Depth (feet)	WELL LOG
0-24	Sand - dark yellowish orange (10YR 5/6); medium to coarse, subangular, well sorted; quartz; 1% fine phosphatic fragments.
24-47	Gravel, Sandy - yellow and white, salt and pepper; 80% granules (8mm in size); sand - medium to very coarse, subangular, moderate sorting; quartz.
47-67	Sand - grayish orange (10YR 6/4); fine to granule; as above; some phosphatic fragments.
67-87	Gravel, Sandy - as at 24-47, except: sparse clay (gray) in clasts.
87-107	Clay - light olive gray (5Y 5/2); clasts; moderate sand - fine to very coarse, poor sorting; quartz; few shell fragments.
107-128	Gravel, Clayey - hash; moderate clasts of gray clay; 50% granules; sand as above; 1% shell fragments.
128-149	No Sample.
149-170	Shell Hash - as above, except: moderate clay is distributed throughout the sand; some gravel; 20% shell fragments; 1% glauconite.
170-191	Sand - salt and pepper; sparse clay; medium to very coarse; sand; 15% glauconite; 2% shell fragments; asteroid madreporite; shark teeth; ostracod.
191-212	Sand - as above, except: 50% brown/green glauconite; 1% shell fragments.
212-233	Sand - as above, except: 2% shell fragments, sand to granule size; bone (limb) fragment; limestone clast with quartz sand/pyrite/glauconite.
233-254	Sand - olive black (5Y 2/1); sand to coarse; foram - Robulus.
254-275	Sand - as above, except: 90% glauconite; limestone clasts; kyanite.
275-295	Sand-Gravel - as above, except: 60% glauconite; 10% large granules, sand fine to granule; bone fragment (limb); feldspar.

Owner:

Henry L. Branscome

(Pocahontas Shores #1)

W# 5799 C# 182

Depth (feet)

295-315

Sand - salt and pepper; as above, except: fine to granule;

mostly coarse to granule, subangular and subrounded; 40%

glauconite; foram - Nodosaria; garnet.

315-335

Sand - as above, except: sand to very coarse; 50% glauconite;

shell fragments; some garnet chips.

Logged by: J. K. Polzin

July 10, 1980