## COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

Box 3667 rlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS: McCormick Road

WATER WELL COMPLETION Charlottesville, Virginia REPORT 1201 State Office Building OWNER: Division of Parks Richmond, Virginia \_\_\_\_ Mailing Address: \_\_ \_\_\_\_\_Mailing Address:\_\_ TENANT: \_\_\_\_ 121-oxod rg.tsav some grave Mailing Address Providence Forge, VA. 23140 DRILLER: W. H. Gammon white & blue Appld, shells & mud Surry WELL LOCATION: County \_\_\_\_ (direction) of /t/e/t/ \_miles\_ Rt. 633 5 \_\_ and \_\_\_\_ (direction) of Surry Court House (GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.) 5-20-77 DATE STARTED: 5-2-77 DATE COMPLETED shells & sand Rotary 400' TYPE OF DRILL RIG USED:\_\_\_\_ TOTAL DEPTH. fees black sand, gray mud, brown sand WATER LEVEL: Stands\_\_\_\_feet below black, brown sand <u>AO</u> gallons per minute has NATURAL flow of\_\_\_ HOLE SIZE: 12 inches from 0 to 400 YIELD TEST: Method \_\_\_\_ Sub. Pump Drawdown \_\_\_\_\_\_ feet \_inches from \_\_\_\_\_to \_\_\_\_feet Rate 110 gal. per min. \_\_\_\_inches from \_\_\_\_\_to \_\_\_\_feet SCREEN SIZE: 6 inches from 345 to 375 feet Duration 48 hrs., min. WATER ZONES: from \_\_\_\_\_\_ to \_\_\_\_\_feet \_\_inches from \_\_\_\_\_to \_\_\_\_feet \_\_\_\_\_to\_\_\_\_ \_\_\_\_inches from \_\_\_\_to\_\_\_\_feet \_\_\_\_feet from\_\_\_\_ CASE SIZE: 6 inches from 0 to 345 feet from \_\_\_\_\_feet \_\_\_\_inches from 375 to 376 feet WATER: Color\_\_\_\_\_Taste\_\_\_ Odor\_\_\_\_\_Temp.\_\_\_\_\_°F \_inches from \_\_\_\_\_to\_\_\_ WELL TO SUPPLY: (check one) Home \_\_ GROUTING, Method Farm\_\_\_\_\_School\_ Material \_\_\_\_\_ Depth \_\_\_\_\_ feet State Park Industry\_\_\_\_Other\_\_\_ 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:\_\_\_\_

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT FURNISHED BY:

\_DATE:\_

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED		REMARKS		
FROM	TO 5	offil (gravel, clay, etc., hardness, colo	r, etc.)	(water, caving, shot, screen, sample, etc.)		
0	27	yellow & red clay some gravel		ТИДИТ		
270 A.I 47	67	sand, clay, gravel & shell white & blue sand, shells & mu	d	DRILLER W. H. Gammon Surry		
67 87	87 107	blue mud & shells blue mud, shells	3	WELL LOCATION COURSELL LOCATION COURSELL SUPPLY		
127 148	127 148 169	blue mud blue mud blue mud	V7 MORT SEAM	(GIVE DIRECTION END DISTANCE IN SEET ON COUNTY HUNGWAY OF OTHER MAR!		
169 190	190 211	blue mud blue mud brown mud & shells		DATE STARTED: 5-2-77		
211 232 253	232 253 274	blue mud, shells & sand gray mud, black sand & shells	Rotary	TYPE OF DRIVE RIG USED		
294 295	295 316	black brown sand		WATER LEVEL' Stones		
316 336	336 356	black sand black sand and water sand	te wort _	YIELD TEST MARKE Sub. Pump		
356 376	376 396	water sand, sand clay water sand	140	tier of the sand san		
Isel		mort sens		100 100 110 110 110		
		SCREEN SIZE: 6 miles from 3				
			#U			
1001		inches from		WATER YOUES, from		
		CASE SIZE 6 mones from				
		Emart sandrug	1 @ 0 1			
				WATE BY SHOT		
1001	0/	-manifecture from-	7	gmeT		
		EDRIES SHITUSSO		WELL TO SUPPLY Ichack one) Home		
100)		PUME Type	ark	FarmTaxpSchool		
014 180	100	ystrage 5	ен_1	WATER CHALVEID AVAILABLEIVEL.		
foet	1	8.00 (0.00 (0.00))		DRILL GUTTINGS SAVED VKL		
) THIS	T (1990)	1		OFFICE EXPRESS COLLEGI SAMPLE SAG		
				FOARKS:		
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## VIRGINIA DIVISION OF MINERAL RESOURCES Box 3667, Charlottesville, VA 22903

## INTERVAL SHEET

Page 1 of 1 Well Repository No.: W- 5408 C- 139

Date rec'd: 11-1-78 Date Processed: 2-12-79 Sample Interval: from 0 to:396'

PROPERTY: Va. Div. of Parks Number of samples: 18

COMPANY: W. H. Gammon Total Depth: 400'

COUNTY: Surry (Surry C.H.)

Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To	From-To
0.07				
0-27	_	-		_
27-47 47-67	-	-	-	-
67-87	<u> </u>	_	_	_
87-107	Ξ	_	_	_
0/ 10/	_	-		
107-127	<del>-</del>	<u>.</u>	<del>-</del>	_
127-148	_	i <b>–</b>		-
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169-190	· -	-	S=.	
190-211	_	_	N==	-
211-232	-	-	-	-
232-253	=	=	-	-
253-273	=	-	-	#
274-295	-	-	-	=
295-316	-	-	-	
316 -336	_	_		_
336-356			<u> </u>	_
356 <i>-</i> 376	_		22 <b>=</b>	_
376-396	_	_	-	_
-	All samples have bo	th washed and unwashed	camples -	-
	campies have be	on washed and anwashed	sampres.	
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Va. Div. of Parks W. H. Gammon Owner: Driller: County: Surry

C# 139 Total Depth: 400' Quad: Hog Island Elev: 55'

W# 5408

Depth (feet)	WELL LOG
0-27	Sand - Grayish orange (10yr 7/4); sparse clay; fine to coarse; subangular; poorly sorted; quartz; granule blue quartz; 2% fine black phosphate.
27-47	Shell Hash - Salt and Pepper;80% reworked shell fragments, oyster, scallop, barnacle; sand - As above; pebbles of various colors.
47-67	Sand - Light olive gray (5y 5/2); sparse clay; sand, medium grained, some coarse; well sorted; quartz; 15% shell fragments, nuculana acuta; abundant small echinoderm spines.
67-87	Sand - As Above, except: clay clasts are darker gray; 20% shell fragments; fine phosphatic fragments; hematite nodules.
87-107	Sand, Clayey - Light olive gray (5y 5/2); moderate clay in clasts; fine to coarse; poorly sorted; quartz, sand; 2% shell fragments.
107-127	Sand - As Above, except: sparse clay; fine to medium; well sorted; 5% shell fragments; hematite nodules.
127-148	Sand - As Above, except: 7% shell fragments; moderate clay.
148-169	No Samples.
169-190	Sand, Clayey - Olive gray (5y 4/2); abundant clay clasts; medium to coarse; subangular; poorly sorted; quartz; 2% shell fragments. Turritella.
190-211	Sand - As Above, except: moderate clay; forams-Robulus Dentalina, Siphogenerina, Marginulina; 10% fine black phosphatic fragments.
211-232	Sand - As Above, except: (5y 5/2); medium to very coarse sand; 15% shell fragments; 8% glauconite; shark teeth; pyrite.
232-253	Sand - Olive brown (5y 4/2); sparse clay clasts of olive gray; sand - As Above; 50% mixed glauconite - Mostly brown, some green; 1% shell fragments; bone fragments.
253-273	Sand - As Above, except: 90% glauconite; shark teeth; sparse shell fragments.
274-295	Sand - As Above, except: some black glauconite.
295-315	Sand - As Above; except: olive black (5y 2/1); 90% green and black glauconite; Foram-Nodosaria.

Owner; Page 2	Va. Div. of Parks	W# C#	5408 139	
Depth (feet)				
315-336	Sand - As Above, except: ostracods.			
336-356	Sand - Salt and Pepper; medium to very coarse; subangular; moderately sorted; quartz; 30% glauconite; shell fragments; feldspar; garnet.			
356-376	Sand - As Above, except: more very coarse grains; 10% glauconite.			
376-396	Sand - Yellowish gray (5y 7/1); mostly very 1% glauconite.	, co	arse grains;	
396-400	No Sample.			

Logged by: J. K. Polzin June 24, 1980