## COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER Box 3667

OFFICE ADDRESS: McCormick Road

Contesville, VA 22903 WATER WELL COMPLETION REPORT

Charlottesville, Virginia

Total Alberta manage (NAS COURS (ALTER)	voice estarband one white learned
OWNER: Smith Douglas Co. #3	Mailing Address: Box 419, Norfolk, VA 23501
TENANT:	Mailing Address:
DRILLER: Sydnor Hydrodynamics	Mailing Address: P.O. Box 27186 Richmond VA 23261
	Approx 300 feet west (direction) of
Int. 166 & 13 and 1000	feet north (direction) of Bainbridge Blvd.
(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TOUNTY HIGHWAY OR OTHER MAP.)	TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC ON
DATE STARTED: 11-2-78	DATE COMPLETED: 11-30-78
TYPE OF DRILL RIG USED: Rotary	
WATER LEVEL: Stands 6'10" feet below	surface <u>CR</u>
has <u>NATURAL</u> flow of_	gallons per minute.
YIELD TEST: Method Pump	HOLE SIZE: 23 inches from 0 to 27 feet
Drawdown 60 feet	
Rate 450 gal. per min.	9-7/8 inches from 125 to 150 feet
Duration 24 hrs., min.	SCREEN SIZE: 8 inches from 94 to 114 feet
WATER ZONES: fromtofeet	inches fromtofeet
fromtofeet	inches fromtofeet
fromtofeet	CASE SIZE: 8 inches from +2 to 94 feet
WATER: ColorTaste	6_inches from114_to119_feet
Odor	inches fromtofeet
WELL TO SUPPLY: (check one) Home	GROUTING: Method
Farm Town School	MaterialDepth27feet
IndustryXXOther	PUMP: Type
WATER ANALYSIS AVAILABLE:YesNo	Capacitygal per min
DRILL CUTTINGS SAVED: Yes XX No	Depth of intakefeet
(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT OFFICE EXPRESS COLLECT, SAMPLE BAGS ARE FURNISH	INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS HED FREE OF CHARGE UPON REQUEST.)
R ARKS: Electric log run	

COMMONWEELTBOUTE VIRSINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT FURNISHED BY: \_DATE:\_

DEPTH (feet)		TYPE OF ROCK OR SOIL PENE	REMARKS					
	VAOTRES	(gravel, clay, etc., hardness, cold	(water, caving, shot, screen, sample, etc.					
0 5 10	5 10 20	Fill dirt Brown sandy clay and wood Brown sandy clay		ENANT.				
20 30 42 50	30 42 50 63	Blue clay Blue clay and sand mixed Brown sand and some clay Gray sand	1900	ELE COLATION COLORS NORFOlk Int. 165 E 13				
70 74	70 74 110	Hard gray rock		NO TEST WE STREET ON A REPORT OF THE STREET OF THE WAR I				
110 140	140 150	Soft gray rock Shells Clay and shells	lotary	ATE STARTED: 11-2-78 YET OF DEVL RIG USED				
			William Tales	ATER CEVEL REAL 6'10"				
			to woll J	SHUTAN PRO				
VS	h1_0	HOLE SIZE: 23 mins tion		CLO FERST WHILE PURE				
25	27 75 1		(85)	Oi Destant 60				
0.2	125 10 1	9-7/8_ncnes trom _	and	neg ing 450 eni per				
ar br	1_ 01_00	SCREEN SIZE 8 MARKE From	171.7	Davetron 24 nvs ,				
		mon <sup>®</sup> wardoni.	1881	THE ZONES: NOT				
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131	72 311			Farm				
				reduction XX critical				
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ist o	t contine		ји трот ру ла	TEL COTTINGS SAVEO Ver. 2 NEC TOTTINGS SHOOLD BE COLLECTED TOTE EXPRISE COLLECT SAMPLE BAS				
				Dusks Electric log run				
-			0					
		(Use additional form	ns if necessary)					

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

						INTERVAL SH	EET						
										C-17			
Page	1	of	1					Well Repositor	ry No.:	W- 5	800		
Date rec	'd:	1-19	-79	Date Proc	essed:	3-3-80		Sample Interva	al: fro	m -	0	to:	150
PROPERTY	:	Smit	h Do	ouglas #3				Number of samp	ples:		15		
COMPANY:		Sydn	or					Total Depth:		1	.50		
COUNTY:		Norf	olk	(Norfolk)	(Money	Point)		Oil or Gas:	Water:	XX E	xplo	rato	ry:
				•									
From-	То		I	From-To		From-To		From-To		Fro	m-To		
0-1				1-		-		_			-		
10-2				-		-		-			-		
20-3				-		-		-			-		
30-4				-		_		-			-		
40-5	0			_		-		-			-		
50-6	0			_		_ ^		_			_		
60-7				_		_		_			_		
70-8				_		_		-			-		
80-9				_		_		_			_		
90-1				_		-		-			-		
100-1	.10			-		_		-			_		
110-1	.20			-		_		-			-		
120-1	.30			-		-		-			-		
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Owner:

Smith Douglas

Driller:

Sydnor

County:

Norfolk

W# 5800 C# 177

Total Depth: 150 Quad: Norfolk South Elev: 7'

Depth (feet)	WELL LOG
0-20	Sand - light olive gray (5Y 6/2); moderate clay; medium to very coarse, subangular, moderate sorting; wood debris; granules at 10-20.
20-40	Sand - light olive gray (5Y 5/1); abundant clay in clasts; fine to granule, subangular, moderate sorting; lignite and organic debris.
40-70	Sand - light olive gray (5Y 5/1); moderate clay in clasts; fine to granule with angular, small pebbles at 60-70; subangular and angular, poorly sorted; gypsum crystals; lignite; fuschite at 50-60; smokey quartz, hornblende fragments at 60-70.
70-100	Coquina, Fragmented - light olive gray (5Y 6/1); moderate sand; fine to medium, coarse at 90-100; subangular, moderate sorting; depositional calcium carbonate; shell casts, molds and fragments; pyrite and calcite crystals on fragments; teeth (crystal covered).
100-130	Coquina - light olive gray (5Y 6/1); very sparse sand; medium to coarse, subangular, few grains; 99% fragmented coquina; bryozoa; 5%-10% shell fragments (fresher - not part of Coquina) - Crepidula, gastropod; 3 Nucula, Arca, Glycimeris, Astarte, Turritella, Mitrella, Phacoides, Anachis, Crassinella, Venicardia; bryozoa.
130-150	Shell Gravel - light and dark gray very sparse sand; fine to coarse, subangular, few grains; 50% shell fragments; 50% broken coquinas with depositional calcium carbonate.

Logged by: J. K. Polzin November 13, 1980