

## INTERVAL SHEET

age 1			VDMR WELL NO.: 489	
Date 8/1/61			Sample Interval: from_	0 to 146
PROP: State of	Virginia Well & Pump		Total Depth	
COMP: Mitchell	's		OilGasWater	X Exploratory
COUNTY: Southa	mpton N.W. of Capron		Cuttings X Core	Other
From-To	From-To	From-To	WASHED SAMPLES From-To	From-To
0-1	-		P	-
1-12		-	6 1 1 6 1 1	- / /
12-26		-	Complete set of_sampled	intervals wash-on
26-32		-	-	
32-66 66-72		•		
72-90				
90- <u>105</u>				
105-115				
115-121				
113-121				
121-146		-		
-		1.51	-	10 Sec. 10 - 17 Per 1
-		-	-	- 4013
<del>-</del>		- ·	·	-
7 / <del>-</del>		-		-
_	_	_		
_				
_		_	_	
-				
	<b>4</b>	-		K 설립 위 시 : 그렇게 보다 :
				[1] [1] [1] [1] [1] [1] [1] [1] [1] [1]
		_		
		1	<u>-</u>	
		-		
	•	<del>-</del>		
-		- 1 -		
-	-	11.875 10.		ACTUAL STATE OF THE STATE OF
-		-		

## COMMONWEALTH OF VIRGINIA

DIVISION OF MINERAL RESOURCES VDMR # 489

Va

Log of well (over)

Box 3667, University Station, Charlottesville, Virginia

WATER WELL CO	MPLETION REPORT	HENEG
OWNER: COMMONWEALTH OF VIRGINIA	Mailing Address: 501 Sprin	g Street, Richmond,
TENANT: St. Convict Road Force Camp 25 DRILLER: Mitchell's Pump & Well Co.	Moiling Address	
DRILLER: Mitchell's Pump & Well Co.	Mailing Address: R#1, Box 1	10, Colonial Height
WELL LOCATION Southampton	Approx	f.t. miles
	andff miles	of
(Give direction and distance in feet or tenths of mile from two reference points - roads, towns, rivers	, etc.— On county highway or other map.)	1 A5   SE
STATIC WATER LEVEL 54 Lights enter	Take route 735 S Courthouse, appr	
WATER ZONES (fissures or formations supplying water) (from) (to) (from) (to)	on 612 and go on	e mile to camp.
ft		
WELL PUMPED (or bailed) at 36 Gal. per Min. with 10 feet DRAWDOWN after 24 HOURS PUMPING.	w	E
FLOW (natural)G.P.M. HEADft. (above ground) REMARKS:	<b>W</b>	
QUALITY OF WATER  COLOR Clear TASTE GOOD  DOR OTHER  ANALYSIS: AVAILABLE— Yes O NOO: ATTACHED Yes O NOO  TEMPERATURE WATER (from) ft. (to)  (salt, brackish, iron, sulfur, acid, other)  USE OF WATER: Domestic O Town O Industry O Farm O Public X	S	
CONSTRUCTION	HOLE SIZE	CASING SIZE
RIG TYPE (or method) Cable tool  (rotary, cable, bored, driven, etc)  DATE: Started Nov. 3; Completed Nov. 9, 60	(diam) (from) (to) 10 0 50 ft 50 146	(diam) (from) (to) 6 0 135 ft.
TOTAL DEPTH 146 ft.	SCREEN (or	nerforations)
BEDROCK atft.	(diam.) (from) (to)	(opening size)
GROUTING INFORMATION		
METHOD USED	POMP	(installed)
GROUTING MATERIAL	TYPE Car	o. (gpm)
DEPTH OF GROUTING 0 to 50'	H.P Depth of	intakeft.
REMARKS:		
146' back to 135 fille grouted 0 to 50'. 21'	d with gravel 6" pipe out	

DEP (fee		TYPE OF SOIL OR ROCK PENETRATED		REMARKS	
FROM	то	(gravel, clay, etc., hardness, color, etc.		(water, caving, shot, screen, sample, etc.)	
			as quant or	To Bond to Donate Land For	
1	In no	top soil	. e0 1.	ew i emui a'flomoin ma	
12	12 26	red mud	THE REAL PROPERTY.	Journal Journal Commence of the State of the	
26	32	yellow mud		MC114BC	
32	66	red mud clay blue gray clay		the state of	
66	72	gray clay some shells		PROFESSION PROVIDE	
72	90	gray white clay, some			
90	105	blue gray clay sand,	some shell	TATIO WATER KEVEL 54	
105	115	gray sand		ATER ZOVER (Newes or formations suppl	
115	121	gray sand, some white		mod (mod)	
121	146	white sand		1,000	
				STAW TO TTITHED	
				to get to visitor to daylous. 113	
				LO Test CANDONN OFF SE HOL	
				GASK MR.DOutgood No.	
				2 ATT W	
			Di.	OLOUP TO YELL ROLL ROLL ROLL ROLL ROLL ROLL ROLL R	
				MARLO ROLL	
				ABHTO	
				NATIONAL WARRENCE AND ARREST AND STREET	
				SHUTAPSHMS	
				- 12 Table	
			A	MARK C AND STANCES NOT AN TO SE	
		BAO BIZE SUDA		40HOUSTEWOO	
			μ.	the state of the s	
25.5			4.5	of sileO	
414		341 05 3	03 . 9 . Tol	Figure 100. 3 committee	
		CONTROL TO MESTAGE		THE DEPT OF THE PERSON NAMED IN	
				N NOORO	
		Basely 9809)		WOLTHWASTIN SHITTIONS	
				MEU 501(13	
		(map) qp339Y1		RIGHT ME BRITISH	
0		and the ships of the state of t		THE OF GROWING C TO 50'	
		Cottoern den	ATTAN DEE	of Short Falls	
		with gravel	1 1 8	of lond 'q'I of O beducin	
		10 To 100			

Department of Conservation	MPLETION REPORT and Economic Development MINERAL RESOURCES  W-489
OWNER: COMMONWEALTH OF VIRGINIA	ddress: 501 Spring Street Richmond, Va.
ENENT: State Convict Road Force, Camp	Southampton
- composition and a suppression of the suppression	outy Take Route 735 Approx. South at files to Foute 7612. Turn left on 612.
Sive directions and distance in feet or tenths of miles from two reference points show  ORILLER:  Address:	n on topographic or county highway maps.) go 1 mile to Camp
WATER CONDITIONS	
DEPTH STATIC WATER LEVEL 51+1	
VATER (aquifers): (from) (to) (from) (to) ft,ft	
ft	W
WELL PUMPED (or bailed) at 36 G.P.M. with 10 ft. DRAWDOWN fter 24 hrs. PUMPING.	
RTESIAN (natural) FLOWG.P.M; HEADft. (above grnd.)	
Clear QUALITY OF WATER COLORTASTEGOOD	
DOROTHER	S
NALYSIS: AVAILABLE - Yes \( \text{No} \text{No} \text{No} \text{; ATTACHED - Yes} \( \text{No} \text{ No} \text{ \text{No}} \)	
EMPERATURE (from) (to)	
(salt, brackish, iron, sulfur, acid, other) WATERftft.	HOLE SIZE CASING SIZE (diam.) (from) (to)
USE OF WATER	10 0 50 ft. 6" 0 135"
OR(domestic, town, industry, irrigation, etc.) DEQUACY, PERMANENCE	10 0 50 146 6" 0 135°
PUMP (installed)	SCREEN (or perforations) (diam.) (from) (to) (opening size)
.P DEPTH OF INTAKE	inftft
CONSTRUCTION	
IG TYPE (or method) Cable tool (rotary, cable, bared, dug, driven, etc.)	
W 5	
ATE STATED ; OUNTEETED ;	OTHER CONSTRUCTION INFORMATION: (gravel pack, depth and size of shot, packer, plugs, etc.)
EDROCK atft.	146' back to 135' filled with gravel
URFACE ELEVATIONft.	grouted 0 to 50'. 21' 6" pipe out
EMARKS	
from the second	AND

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED	REMARKS	
FROM	ТО	(gravel, clay, etc., hardness, color, etc)	(water, caving, shot, screen, sample, etc)	
0 12 26 32 66 72 90 105 115	1 12 26 32 36 72 90 105 115	top soil red mud yellow mud red mud clay blue gray mud clay gray clay some shells gray white clay, some shells & sam blue gray clay sand, some shell gray mixxxxxxxx sand	d	
115	157	gray sand, some white		
121	146	white sand		
		- 18		
	-			
			A CHARLES AND A CHARLES	
		100		
		Mark to the first of the first		
			VIRGINIA DIVISION OF	
			nearm rea	
			NOV 14 1960	
			MINERAL RESOURCES	