

INTERVAL SHEET

age 1		VDMR WELL	NO,: 482	
Date Decemb	per 13, 1960	Sample In	terval: from C	to 470
	of Virginia Camp #4, Well #4	Total Dep	th475	ad the same way had been their
	l's Well & Pump	Oil	GasWater_X	Exploratory
COUNTY: Meckle	enburg	Cuttings_	X Core (other
From-To	From-To	From-To	From-To	From-To
1- 3	300- 310			_
3 - 20	310 320	WASHED SAMPLES	s - /	
20 - 30	320 330 330 340	o V	and of	
30 - 40 40 - 50	340 350	Complet	10 - 6	
40 30	0.10	Complete m	Nevala	
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50 - 60 60 - 70	350 360 360 370			-
70 - 80	370 380			
80 - 90	380 390	-	_	
90 - 100	390 400			=
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100 - 110	400 410	<u>-</u>		-
110 - 120	410 420			-
120 - 130	420 430		(1)	
130 - 140	430 440 440 450			
140-150	440 450			
150 - 160	450 460	<u>-</u>		
160- 170	460 470			_
170- 180				
180 - 190 190 - 200				- -
190 200				
200- 210				
210- 220			<u>-</u>	
220 - 230		-	-	+
230- 240	*****			
240 - 250				Ŧ,
050-060				
250 - 260 260 - 270				
70- 280	-			
280- 290				
290 - 300	-			

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

DIVISION OF MINERAL RESOURCES COMPENSION

Box 3667

University

Station,

Charlottesville, Virginia

WWCR-#29

OWNER_Commonwealth of Virginia FENANT: State Convict Road Force #4 DRILLER.Mitchell's Well & Pump Company Well LOCATION: County, Mecklenburg Well LOCATION: County, Mecklenburg Water Conditions DEPTH STATIC WATER LEVEL &! WATER CONDITIONS DEPTH STATIC WATER LEVEL &! WATER ZONES (fissures or formations supplying water) (from) (it) (from) (it) (from) (it)	#報報報報報報報報報報報報報報報報報報報報報報報報報報報報報報報報報報報報	VPLETION REPORT
TEMANT: State Convict Road Force #4 DRILLER: Mitchell's Well & Pump Company Molling Address WELL LOCATION: County, Mecklenburg Ginercline) of Baskerville Take Rt. #669 nowth off Rt. #88 to Rt. #671, Turn left, Marcon Company	OWNER: Commonwealth of Virginia	Mailing Address: Richmond, Va.
DRILLER: Mitchell's Well & Pump Company Well LOCATION: County Mecklenburg Well LOCATION: County Mecklenburg Approx. This A		Mailing Address
WELL LOCATION: County_Mecklenburg Approx. (direction) of Baskerville Take Rt. #669 nowth off Rt. #88 to Rt. #671, Turn left, (direction) of Baskerville Take Rt. #669 nowth off Rt. #88 to Rt. #671, Turn left, (direction) of Baskerville Take Rt. #669 nowth off Rt. #88 to Rt. #671, Turn left, (direction) to to Camp #4. WATER CONDITIONS DEPTH STATIC WATER LEVEL &! WATER ZONES (fissures or formations supplying water) (from) (to) (from) (to)		Moiling Address: Rt. #1. Box110 Colonial Hats. Va
WATER CONDITIONS DEPTH	WELL LOCATION: county Mecklenburg	Approx. Approx
WATER CONDITIONS DEPTH STATIC WATER LEVEL &' WATER ZONES (fissures or formations supplying water) (from) (to) (from) (from) (from) (to) (from) (fro	(direction) of Baskerville Take Rt. #669	9 nowth off Rt. #58 to Rt. #671, Turn left, 1 mi
DEPTH STATIC WATER LEVEL 8' WATER ZONES (fissures or formations supplying water) (from) (fo) (from) (to) (from) (to) (ft) (ft) (guantity of water QUANTITY of Water WELL PUMPED (or bailed) at 8 Gal. per Min. with 172 feet DRAWDOWN after 1 HOURS PUMPING. FLOW (natural) G.P.M. HEAD ft. (above ground) WEMARKS: 24 hour pump test was conducted at a depth of 300' average yield 4 gpm drilling continued to QUALITY of WATER COLOR Clear TASTE good ODOR None OTHER ANALYSIS: AVAILABLE—Yes No : ATTACHED Yes No : TAGHED Yes No : TAGHED Yes No : TAGHED Yes No : TAGHED Yes No : TAGHED Yes No : TAGHED Yes No : TAGHED Yes No : TAGHED Yes No : TAGHED Yes No : TAGHED Yes No : TAGHED Yes No : TAGHED Yes No : TAGHED Yes No : TAGHED Yes No : TAGHED Yes No : TAGHED Yes No : TAGHED YES NO : TAGHED YES NO : TAGHED YES NO : TAGHED YES NO : TAGHED YES NO : TAGHED YES NO : TAGHED YES NO : TAGHED YES	(Give direction and distance in feet or tenths of mile from two reference points - roads, towns, rivers,	etc.— on county highway or other map.) to Camp #4.
STATIC WATER LEVEL 8' WATER ZONES (fissures or formations supplying water) (from) (to) (from) (to) ft.	WATER CONDITIONS	N
WATER ZONES (fissures or formations supplying water) (from) (to) (from) (to) ———————————————————————————————————	DEPTH	
WATER ZONES (fissures or formations supplying water) (from) (to) (from) (to) ———————————————————————————————————	STATIC WATER LEVEL 8'	
## Construction Construction Cable tool Construction		
WELL PUMPED (or bailed) at \$\frac{8\frac{1}{2}}{2}\$ Gal. per \$\text{Min.}\$ with \$\text{172}\$ feet \$\text{DRAWDOWN}\$ after \$\frac{1}{2}\$ HOURS PUMPING. FLOW (natural) \$\text{GPM.}\$ HEAD \$\text{ff.}\$ (above ground) \$\text{WASCANDER PUMP test Was conducted at a depth of 300' average yield 4 apm drilling continued to \$\text{QUATITY'}\$ for WATER \$\text{COLOR Clear}\$ TASTE \$\text{good}\$ ODDOR \$\text{None}\$ OTHER \$\text{ANALYSIS: AVAILABLE- Yes \$\text{Non:}\$ ATTACHED Yes \$\text{Non:}\$ ANALYSIS: AVAILABLE- Yes \$\text{Non:}\$ ATTACHED Yes \$\text{Non:}\$ ANALYSIS: AVAILABLE- Yes \$\text{Non:}\$ ANALYSIS: AVAILABLE- Yes \$\text{Non:}\$ ATTACHED Yes \$\text{Non:}\$ ATTACHED Yes \$\text{Non:}\$ ANALYSIS: AVAILABLE- Yes \$\text{Non:}\$ ATTACHED Yes \$\text{Non:}\$ ATTACHED Yes \$\text{Non:}\$ ANALYSIS: AVAILABLE- Yes \$\text{Non:}\$ ANALYSIS: AVAILABLE- Yes \$\text{Non:}\$ ATTACHED Yes \$\text{Non:}\$ ATTACHED Yes \$\text{Non:}\$ ANALYSIS: AVAILABLE- Yes \$\text{Non:}\$ ATTACHED Yes \$\text{Non:}\$ ANALYSIS: AVAILABLE- Yes \$\text{Non:}\$ ANALYSIS: AVAILABLE- Yes \$\text{Non:}\$ ANALYSIS: AVAILABLE- Yes \$\text{Non:}\$ ANALYSIS: AV	(from) (to) (from) (to)	
WELL PUMPED (or bailed) at \$\frac{8\frac{1}{2}}{2}\$ Gal. per Min, with \$\frac{172}{172}\$ feet \$\frac{DRAWDOWN}{DRAWDOWN}\$ after \$\frac{1}{2}\$ HOURS PUMPING. FLOW (natural) \$ \text{GPM.}\$ HEAD \$ \text{ff.}\$ (above ground) \$ \text{WARKS: 24 hour pump test was conducted at a depth of 300° average yield 4 apm drilling continued to \$ \text{QVAITY**}\$ for WATER \$ \text{COLOR Clear}\$ TASTE \$ \text{good}\$ ODDR \$ \text{None}\$ OTHER \$ \text{ANALYSIS: AVAILABLE- Yes \$ \text{None}\$ ATTACHED Yes \$ \text{None}\$ No \$ \text{CONSTRUCTION}\$ TEMPERATURE \$ \text{WATER}\$ \$ \text{(from)} \text{ft.}\$ \$ \text{(from)} \text{ft.}\$ \$ \text{CONSTRUCTION}\$ TOTAL DEPTH \$ \frac{475}{6}\$ ft. BEDROCK at \$ \frac{3}{3}\$ ft. \$ \text{GROUTING INFORMATION}\$ \$ \text{CASING SIZE}\$ \$ \text{CONTALL DEPTH } \frac{475}{475}\$ ft. \$ \text{Gloim}\$ \$ \text{GROUTING INFORMATION}\$ \$ \text{Completed } \text{CASING SIZE}\$ \$ Casin	ftft	
WELL PUMPED (or bailed) at \$\frac{21}{3}\$ Gal. per Min, with \$\frac{172}{172}\$ feet \$\frac{DRAWDOWN}{DRAWDOWN}\$ after \$\frac{1}{2}\$ HOURS PUMPING. FLOW (natural) \$ \text{G.P.M.}\$ HEAD \$ \text{ft.} (above ground) \$ \text{REMARKS: 24 hour pump test was conducted at a depth of 300 \text{average yield 4 gpm drilling} continued to \$ \text{q.Valifye}^2\$ fr WATER COLOR Clear TASTE \$ \text{good}\$ ODOR \$ \text{None}\$ OTHER \$ \text{ANALYSIS. AVAILABLE-Yes B No B ATTACHED Yes B No B TEMPERATURE \$ \text{(from)}\$ ft. \$ \text{(from)}\$ ft. \$ \text{(from)}\$ ft. \$ USE OF WATER: Domestic B Town B Industry B Farm B Public B S BOOK Good Follows at the continuation of th		
T72_feet DRAWDOWN after		
FLOW (natural)G.P.M. HEADft. (above ground) REMARKS: 24 hour pump test was conducted at a depth of 300' average yield 4 gpm drilling continued to qualified by water and the pump test was conducted at a depth of 300' average yield 4 gpm drilling continued to qualified by water and the pump test was conducted at a depth of 300' average yield 4 gpm drilling continued to qualified by water and the pump test was conducted at a depth of 300' average yield 4 gpm drilling continued to qualified by water and the pump test was conducted at a depth of 300' average yield 4 gpm drilling continued to qualified by water and the pump test was conducted at a depth of 300' average yield 4 gpm drilling continued to qualified by water and the pump test was conducted at a depth of 300' average yield 4 gpm drilling continued to qualified by water and the pump test was conducted at a depth of 300' average yield 4 gpm drilling continued to qualified by water and the pump test was conducted at a depth of 300' average yield 4 gpm drilling continued to qualified by water and the pump test was conducted at a depth of 300' average yield 4 gpm drilling continued to qualified by water and the pump test was conducted at a depth of 300' average yield 4 gpm drilling continued to qualified by water and the pump test was conducted at a depth of 300' average yield 4 gpm drilling continued to qualified by water and the pump test was conducted at a depth of 300' average yield 4 gpm drilling continued to qualified by water and the pump test was conducted at a depth of 300' average yield 4 gpm drilling continued to qualified by water and the pump test was conducted at a depth of 300' average yield 4 gpm drilling continued to qualified by water and the pump test was conducted at a depth of 300' average yield at a good and the pump test was conducted at a depth of 300' average yield at a good and and the pump test was conducted at a depth of 300' average yield at a good and yiel		
CONSTRUCTION RIG TYPE (or method) Cable tool DATE: Started 8/16/60; Completed 9/27/60 TOTAL DEPTH 475 ft. GROUTING INFORMATION METHOD USED TASTE good ODOR None OTHER (from) ft. (to) ft. (to) ft. (to) ft. (to) ft. (to) ft. (diam) in (from) (to) ft. (diam) in (from) ft. (diam) ft. (diam) in (from) ft. (diam) ft. (diam) in (from) ft. (diam) ft	FLOW (natural)G.P.M. HEADft. (above ground)	W
COLOR Clear TASTE good ODOR None OTHER ANALYSIS: AVAILABLE— Yes No ATTACHED Yes No TEMPERATURE	REMARKS: 24 hour pump test was conducted at a depth of 300' average yield 4 gpm drilling	
COLOR Clear TASTE good ODOR None OTHER ANALYSIS: AVAILABLE— Yes No ATTACHED Yes No TEMPERATURE	continued to out the of water	
ODOR None OTHER ANALYSIS: AVAILABLE— Yes No ATTACHED Yes No TEMPERATURE (salt, brackish, iron, sulfur,acid, other) USE OF WATER: Domestic Town Industry Farm Public CONSTRUCTION HOLE SIZE CASING SIZE RIG TYPE (or method) Cable tool (fotary, cable, bored, driven, etc) DATE: Started 8/16/60 ; Completed 9/27/60 TOTAL DEPTH 475 ft. BEDROCK at 3 ft. GROUTING INFORMATION PUMP (installed)		
ANALYSIS: AVAILABLE— Yes No : ATTACHED Yes No : TEMPERATURE		
TEMPERATURE		
WATER (from) ft. (10) ft. (salt, brackish, iron, sulfur,acid, other) USE OF WATER: Domestic Town Industry Farm Public RIG TYPE (or method) Cable tool (rotary, cable, bored, driven, etc) DATE: Started 8/16/60 ; Completed 9/27/60 TOTAL DEPTH 475 ft. BEDROCK at GROUTING INFORMATION METHOD USED S CASING SIZE (diam) (from) (to) (diam) (from) (to) (diam) (from) (to) (diam) (from) (to) (diam) (from) (from) (to) (diam) (from) (diam) (from) (from) (diam) (from) (from) (diam) (from)		
CONSTRUCTION RIG TYPE (or method) Cable tool (diam) (from) (to) (to) (rotary, cable, bored, driven, etc) DATE: Started 8/16/60 ; Completed 9/27/60 TOTAL DEPTH 475 ft. BEDROCK at Started 1. GROUTING INFORMATION METHOD USED HOLE SIZE CASING SIZE (diam) (from) (to) (diam) (from) (to) (diam) (from) (to) (to) (diam) (from) (to) (to) (opening size) SCREEN (or perforations) level. (diam.) (from) (to) (opening size) PUMP (installed)	WATER (from) ft. (to) ft.	
CONSTRUCTION RIG TYPE (or method) Cable tool (diam) (from) (to) (to) (rotary, cable, bored, driven, etc) DATE: Started 8/16/60 ; Completed 9/27/60 TOTAL DEPTH 475 ft. BEDROCK at Started 1. GROUTING INFORMATION METHOD USED HOLE SIZE CASING SIZE (diam) (from) (to) (diam) (from) (to) (diam) (from) (to) (to) (diam) (from) (to) (to) (opening size) SCREEN (or perforations) level. (diam.) (from) (to) (opening size) PUMP (installed)	(salt, brackish, iron, sulfur,acid, other)	
RIG TYPE (or method) Cable tool (rotary, cable, bored, driven, etc) DATE: Started 8/16/60; Completed 9/27/60 TOTAL DEPTH 475 ft. BEDROCK at 5 ft. GROUTING INFORMATION METHOD USED (diam) (from) (to) 10 0 1 16 16 6 in 0 1 18 2 15 16 16 16 16 16 16 16 16 16 16 17 16 16 16 16 17 16 16 16 17 18 18 17 18 18 18 18 18 18 18 18 18 18 18 18 18	TOTAL OF WATER, Comestic D. Town D. Housing D. Total D. Papilon	
DATE: Started 8/16/60; Completed 9/27/60 TOTAL DEPTH 475 ft. BEDROCK at 5 ft. GROUTING INFORMATION METHOD USED Opening size Fig. 6 16 475 Pipe 2 feet above of the present of the pr	CONSTRUCTION	HOLE SIZE CASING SIZE
DATE: Started 8/16/60; Completed 9/27/60 TOTAL DEPTH 475 ft. BEDROCK at 5 ft. GROUTING INFORMATION METHOD USED Opening size Fig. 6 16 475 Pipe 2 feet above of the present of the pr	RIG TYPE (or method) Cable tool	
TOTAL DEPTH 475 ft. BEDROCK at SCREEN (or perforations) level. GROUTING INFORMATION METHOD USED		
GROUTING INFORMATION METHOD USED PUMP (installed)		
GROUTING INFORMATION METHOD USED	DEDBOOK at 3 ft	(diam.) (from) (to) (opening size)
METHOD USED		inftft
TYPE Cap (apm)		PUMP (installed)
ODOUTING MATERIAL		TYPE Cap. (gpm)
DEPTH OF GROUTING 16' H.P. Depth of intake ft.		H P Denth of intake ft
This begin of make	DELITION ON OUT THE	Tit.
REMARKS:	REMARKS:	

_____October 4, 1960

(fee	PTH	. 6 7	TYPE OF SOIL OR ROCK PENETS	RATED	REMARKS
FROM	TO	(gravel, clay, etc., hardness, color, etc)		(water, caving, shot, screen, sample, etc.)	
			Kawabat a	- U-Es	ENANT State Convict Good Force F
3	3	Di	rti.		NI FE Witchell's Well & Punb Com
3	475		ck, various color an		ELL LOCATION CAM MODIANIS
, Mail	anui.		rdness. Samples tak	en each ten	Tallivasias St. (non-ea)
		fe fe	et		of the state of
					WATER CONDITIONS
					MT930
1					TATIO WATER LEVEL 81
					(mort) (at (mort)
					11
					11
F 4					QUANTITY OF WATER
					ELL PUMPED (or bailed) at \$5 _ Gol 172 feet mhawbown ofter 1 Hou
					OW (notored) GRM HEAD.
				n to herous	TANEKS A DOUT CUMD TEST SEL COM
					continued to office the water
	W-L-				NOR CLEEK TASTE TO
					None OTHER
	187.3				NATIVE STATES AVAILABLE VIEW AVEL AVAILABLE VAN
	W 18 19 19				EMPSEATURE
4					WATER
					THE WASHING THE WASHINGTON TOWN TO THE PROPERTY OF THE PROPERT
	agie on				
					NOTTOURTENDO
(et)	Parent I				Least elds) towns of BAYT a
work	7091				ATE: Starled E/11/60 Completed
	SVSI (ar				OTAL DEPTH 475 (1.
	(Sale profes				PROCK of
					GROUTING INFORMATION
			manufacture of the second		CARU GORTA
		(map) .c			NATERIAL
13		enbigi			EPTH OF GROUTING 16"
					EMARKS
					687,8162
	(1000)	awite gol			

VIRGINIA DIVISION OF		FC VANDAL HON
Well #2, at this drilling, 326thally swi		4 4 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
OWNER: Commonwealth of Virginia Action State Convice Road Force well 44	dress: INTGHIROTIG, VIII	Emia
73	market from	al was taken any allow and the
VELL LOCATION: Town Dasker VIIIe, co	unty #58 to R+#677	turn left 1 miles
(direction) of Take Rte#599 north off Ro	miles miles	Camp#+.
ALTERIALIZATION DE LA		OR MAP TRACING
RILLER: R#1, Box 110	LOCATION SKETCH	OR MAP TRACING
ddress: Colonial Heights, Virginia		N
WATER CONDITIONS		
DEPTH		
TATIC WATER LEVEL 81		
VATER (aguifers):		
(from) (to) (from) (to)		
ft,ft.		
YIELD	W	E
VELL PUMPED (or bailed) at 82G.P.M. with 172 ft. DRAWDOWN		
fterhrs. PUMPING.		
RTESIAN (natural) FLOWG.P.M; HEADft. (above grnd.)		
EMARKS: 24 hour pump test was conducted		
at a depth of 300 average yield 4gpm drilling continued to 475 feet.		
Clear		
OLORTASTE		
DOR NONE OTHER		S
NALYSIS: AVAILABLE - Yes \(\) No \(\); ATTACHED - Yes \(\) No \(\)		
EMPERATURE (from) (to)		
(salt, brackish, iron, sulfur, acid, other) WATERftft.	HOLE SIZE	CASING SIZE
USE OF WATER	(diam.) (from) (to) in ft ft	(diam.) (from) (to) in ftf
OR(domestic, town, industry, irrigation, etc.)	10" 0 16	6" 0 18½
DEQUACY, PERMANENCE	6" 16 475	-pipe 22 reet above
DEGOAOT, PERMANENCE		ground level.
PUMP (installed)	SCREE	N (or perforations)
YPE	(diam.) (from) (to)	(opening size)
.P DEPTH OF INTAKE	in ft ft	
CONSTRUCTION		-
IG TYPE (or method) Cable tool (rotary, cable, bored, dug, driven, etc.)		
ATE STARTED 8/16/60; COMPLETED 9/27/60	OTHER DELICATION	CODMATION Caravel pack death and size of
OTAL DEPTH 475	OTHER CONSTRUCTION INF	FORMATION: (gravel pack, depth and size of shot, packer, plugs, etc.)
EDROCK at 3 ft.	well grouted to	161
URFACE ELEVATIONft.		
EMARKS		

OCTOBER 4, 1960

DE (fe	PTH et)	TYPE OF SOIL OR ROCK PENETRATED	REMARKS
O 3	475 ·	dirt rock, various color and degrees of hardness. Samples taken each ten feet	(water, caving, shot, screen, sample, etc.)
		¥	
	HE T S	K. Wa	
	0. 1.		
			MIRGINIA DIVISION OF
			DY OCT 7 1-