### INTERVAL SHEET

ragel			VDMR We	ll No.:	5	77		
Date10-22-61			Sample	Interval:	from_	10 to 305		
PROP: SPOTSYLVANIA	CO.	TE #1	Total d	lepth 305			Marie Control	
COMP: SYDNOR			Oil	Gas	_Water	xExplorato	ry	
COUNTY: SPOTSYLVA	ANIA		Cutting	s x Cor	e	Other		
From-To	From-T	`o	Fro	om⊶To		From-To		From-To
- mai	10 _	20				WASHED SAMPLES		-
•	20 _	30 30				Complete set o	f sampled	
104	30 _	40		***		intervals		aus.
_	40 _	50		-				***
_	50 _	60				90		_
N4	60 _	70		•		co		****
	70 <u> </u>	80 90				E24		
	90 _	100		69		600		ess
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ma.	110 <u> </u>	120 130		(Ja		test		1308
-	130 _	140		***				non ma
	140 _	150		003		<b>*</b> 0		629
	150 _	160				123		
ma.	160	170		-		_		NAME .
***	170 180	180 190		-		000		629
_	190	200		EM		-		803
	Tree a francis							
-	200 <u> </u>	210 220				-		663
**	220 _	230				6-78 Medi		e or
	230 _	240				100		***
=	240 _	250		-		w		SON
_	250 _	260						.ma
-	260 _	305		***		ta		W.1
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440	_			EM		649		123

#### COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

# DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

GENENI 459 WWCR 475 VDMR 577

WATER WELL COMPLETION REPORT

OWNER: Spotsylvania County School Board Livingston Site Well #1	Mailing Address.	Spotsylvar	nia, Virg	inia	MOSS
Cudnon Duma 9 Woll Co Inc	Mailing Address	Richmond,	Virginia		100
DRILLER.	Mailing Address:		-10	ft.	
WELL LOCATION: county Spotsylvania (direction) of		ft ft	STATE OF THE RESERVE	miles	
(Give direction and distance in feet or tenths of mile from two reference points - roads, towns, river	and , etc.— on county highway	or other map.)	_01	THE	
WATER CONDITIONS	T	N			
DEPTH 35					
WATER ZONES (fissures or formations supplying water)		Trose on		288	
(from) (to) (from) (to)					232
ft. (1011) (10)	111				
ft					
QUANTITY OF WATER					12.50
WELL PUMPED (or bailed) at 18 Gal. per Min. with					
feet <u>DRAWDOWN</u> after <u>8</u> HOURS PUMPING.	Sala see a la	to The			E
FLOW (natural)G.P.M. HEADft. (above ground	W				
REMARKS:					
QUALITY OF WATER					
COLOR TASTE					
DOROTHER					
ANALYSIS: AVAILABLE- Yes D No DX ATTACHED Yes D No D					3.00
TEMPERATURE (from) (to)					
(salt, brackish, iron, sulfur, acid, other) ft. (to)					
USE OF WATER: Domestic   Town   Industry   Farm   Public		S			
CONSTRUCTION		SIZE	CASI	NG SIZ	E
RIG TYPE (or method) air rotary (rotary, cable, bored, driven, etc)	(diam) (f	rom) (to)	(diam.)	(from)	(t o)
	10 10	0 " 70 "	6 10.	+1	<u>83'8"-</u> "
DATE: Started <u>5/6/61</u> ; Completed <u>5/9/61</u>		0 305	<u> </u>		
TOTAL DEPTH 83		SCREEN (or		ns) ening size)	
BEDROCK atft.	in	ftt			
GROUTING INFORMATION		PUMP	(installed)		
METHOD USED pressure	TYPE	Ca	p. (apm)		
GROUTING MATERIAL cement and water  DEPTH OF GROUTING 50 ft.					
DEPTH OF GROUTING 50 ft.	H.P	Depth of	intake		ft.
REMARKS:					
•					
			Log of wel	I (over)	
			Log of wel	(0461)	

DEP (fee	PTH et)	TYPE OF SOIL OR ROCK PENETE	RATED	REMARKS
FROM	TO	(gravel, clay, etc., hardness, color		(water, caving, shot, screen, sample, etc.)
				Gentlew enidence to the weet and
0	1	Topsoil		MANY SYLENGERON CANAD SYLENGE
1	4	Red clay		
4	16	Red rotten slate		STUDENTAND AND THOMAS NO LAND 1. 173
16	83	Brown soft slate		In Malestan
83	167	Gray granite		
167	168	Gray granite		SECTION OF SECTION
168	214	Gray granite		итело
214	281	Gray lime		CAMO WATER LEVEL X 35
281	282	Gray lime -soft		VIER ZONES (Missares or formations suppl
282	305	Gray granite		(mort) (all (mort)
	17.		-	
	<ul><li>17 (8)</li></ul>			(
				RETAIN TO YTTTHAUD
				LL PUMPER (or boiled) of 15 Col
8				TUDY TO THE TOTAL TOTAL TOTAL
				CARH MARO (forester) WE
	-			MARKS
				RETAIN TO YTUAGE
				LLOR TASTE LL
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W.J.				Annual Section
(07)	[mo]			VINCETTES AND
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Sept.				
				MOTTAMBORNE DHITODRA
				distribution distribution
				CHING MATERIAL CHIEF WISH MATERIAL
11				THE OF GROUTING LIVE CO.
			2	MARKS!
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COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

## DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

WATER WELL CO	MPLETIO	N REPORT	Γ		
OWNER Spotsylvania County School Board TENANT: Livingston Site Well #1	Mailing Address:		nia, Vi	rginia	MOSA
DRILLER Sydnor Pump & Well Co., Inc.	Mailing Address:	Richmond.	Virgin	ia	mark last and
WELL LOCATION: County Spotsylvania			D' LOS	ft. miles	
(direction) of		ft miles	_of		
(Give direction and distance in feet or tenths of mile from two reference points - roads, towns, river	s, etc.— on county high	way or other map.)	12.0		
WATER CONDITIONS		N			TA AN
DEPTH		at America			
STATIC WATER LEVEL35					
WATER ZONES (fissures or formations supplying water)		tos a mili	STATE OF		
(from) (to) (from) (to)		一、「いかりとは縁起き	The State of the S		
ft					
QUANTITY OF WATER	E I I I				
WELL PUMPED (or bailed) at 18 Gal. per Min. with	Act by the fall				
feet DRAWDOWN afterHOURS PUMPING.	a W				E
FLOW (natural)G.P.M. HEADft. (above ground	() AA				
REMARKS:					
QUALITY OF WATER					
COLOR TASTE					
ODOROTHER					
ANALYSIS: AVAILABLE— Yes O NO ATTACHED Yes O NO		1. 1 4 11			
TEMPERATURE					
WATER (from) ft. (to)	-	2.44			
(salt, brackish, iron, sulfur,acid, other)	1/				
USE OF WATER: Domestic   Town   Industry   Form   Publick		S		1-11	
CONSTRUCTION	но	LE SIZE	CAS	ING SIZE	
RIG TYPE (or method) air rotary (rotary, cable, bored, driven, etc)	(diam)	(from) (to)	(diam)	(from)	(t o)
	10	0 " 70	6	+1	8318"
DATE: Started 5/6/61; Completed 5/9/61	6	70_305	1		
TOTAL DEPTH 305 ft.	(digm.)	SCREEN (or	perforation	ons) opening size)	
BEDROCK atft.	In_	Account of the contract of the	t		
GROUTING INFORMATION		PUME	(installed)		
METHOD USED pressure	TYPE	Ca	n (anm)		
GROUTING MATERIAL cement and water	-				
DEPTH OF GROUTING 50 ft.	H.P	Depth of	f intake	-	ft.
REMARKS:					

Log of well (over)

# FURNISHED BY Sydnor Pump & Well Company, Inc. DATE: September 15, 1961

(feet	TH )	TYPE OF SOIL OR ROCK PENETRATED	)	REMARKS
FROM	то	(gravel, clay, etc., hardness, color, etc)	hamel and	(water, caving, shot, screen, sample, etc.)
			14, 4 - 12, 20,	
0 1 16 83 167	1	Topsoil		
1	16	Red clay		rowleaders and the research
4	16	Red rotten slate		
16	83	Brown soft slate		
367	168	Gray granite		Ishortanos sarton
168	214	Gray granite Gray granite		
214	281	Gray limo		HT430
281	282	Gray lime - soft		Bernard State & Holey D.D.
282	305	Gray granite		The Control of Control of the Contro
			e-constitute w	I Little of the state of th
				ANTAK 10 VALTIMAND
			H. W. HILV. SC.	and the second of the second
			SHIP POWER LINES	
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				Total 1 (1)
35.75				DUALITY OF WATER
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	(SET)	a i Bio i ess regio di Besta.  Commerci Mille  Incol reso di Riceli Esseri		VIRGINIA DIVISION OF