DEF (fee		TYPE OF SOIL OR ROCK PENETRATED	REMARKS
FROM	TO	(gravel, clay, etc., hardness, color, etc)	(water, caving, shot, screen, sample, etc)
0 15 43 90 180 225 238 258 260	15 43 90 180 225 238 258 260 315	Red clay Red and yellow sand Blue clay with streaks of sh Grey clay, black sand and sh Grey sand, gravel and shells Grey clay, sand and gravel Grey sand and gravel Grey clay Grey sand and gravel	ells
315	328	Grey clay and gravel	TANTANT OF WATER TANTANT OF WATER AND THE SECOND STATE OF HOLE STATE O
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VIRGINIA DIVISION OF MINERAL RESOURCES Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

Page	1	of	1		Well Repository No:	W# 493 C# 11
Date rec'	d: 8/2/61	Date	Processed:		Sample Interval: fi	
PROPERTY:	Spring M	eadows Sul	b. #2		Number of samples:	
COMPANY:	Sydnor P	ump & Wel	1 Co.		Total Depth: 328	
COUNTY:	Hanover (Mechani	csville)			Oil or Gas: Water:	Exploratory:
From-To		From-To		From-To	From-To	
15- 43		-		-	_ _	
43 - 90		_		-	=	
90 - 180		 x		-	_	
180- 225		-		-	_	
225- 238		(A ccess)		-	-	,
238- 258				_	_	
)58- 315		_		_	_	
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INTERVAL SHEET

age 1		VDMR WELL NO:: 493 Sample Interval: from 15 to 315 Total Depth			
Date 8/2/61	SECONT CONT.				
PROP: Spring	Meadows #2				
COMP: Sydnor		OilGasWaterX_Exploratory			
COUNTY: Hanove	r	Cuttings X Core Other	Other		
		WASHED SAMPLES			
From-To	From-To	From-To From-To From-To			
	15-43 43-90 90-180 180-225 225-238	Complete set of sampled intervals wasked			
	238-258 258-315				
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1 -					

OWNER: Spring Meadows #2

DRILLER: Sydnor COUNTY: Hanover

W# 493 C# 11

TOTAL DEPTH: 315' QUAD: Seven Pines

GEOLOGIC LOG

	Control of the Contro
Depth (feet)	
0 - 15	No sample.
15 - 43	Sand and granules dark yellowish orange; 50% very heavily stained grains; slightly clayey; coarse to very coarse grained, 50% granules, 5% pebbles; subangular to subrounded; poorly sorted; quartz; feld-spar; few grains of glauconite.
43 - 90	Sand - olive light gray; moderate clay; fine to medium grained, some coarse grains, 7% granules; subangular to rounded; moderately well sorted; quartz; 20% glauconite; 5% shell fragments; some muscovite; few black phosphatic fragments; few echinoid spines; forams rare (inc. Buccella); ostracode.
90 - 180	Sand olive light gray; slightly clayey; fine grained to granular, few pebbles; subangular to rounded; poorly sorted; quartz; 15% glauconite; 5% shell fragments; few black phosphatic fragments; few grains of garnet.
180 - 225	Gravel greenish gray; moderate coarse to very coarse grained sand, 10% granules; subangular to subrounded; moderately sorted; quartz (some grains stained green); 15% shell fragments; 2% glauconite; some black phosphatic material; some feldspar.
225 - 238	Sand off white; coarse grained to gravel; subrounded; moderately sorted; quartz; feldspar; 2% shell fragments; 2% glauconite; musconite.
238 - 258	Gravel off white; slightly sandy; very coarse grained to granular; subrounded; moderately sorted; quartz; feldspar; some glauconite; some shell fragments.
258 - 315	Sand and gravel off white; coarse grained to granular; 40% pebbles; subrounded; poorly sorted; quartz; feldspar; 2% glauconite; few shell fragments.

Logged by: Michael T. Currie December 27, 1978

GEOLOGIC SUMMARY

Depth (feet)		Thickness (feet)	Rock Unit	Time Rock Unit
0 -	15	15	No sample	
15 -	43	28	Columbia Group	Pleistocene
43 -	225	182	Nanjemoy Formation	Eocene
225 -	315	90	Patuxent Formation	Cretaceous

VIRGINIA DIVISION OF MINERAL RESOURCES David A. Hubbard, Jr., Geologist December 28, 1978