COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

McCormick Road

JAMES L. CALVER, COMMISSIONER Bc~ 3667 WATER C lottesville, VA 22903 WELL REPORT COMPLETION

Charlottesville, Virginia

OWNER:Commonwealth Natural Gas #2	_ Mailing Address: 200 S. Third St., Ri	chmond VA 2321
TENANT:		<u>.</u> 0
DRILLER: Sydnor Hydrodynamics, Inc.	Mailing Address 1305 Brook Rd., Rich	mond, VA
WELL LOCATION: CountySouthampton	Approx. 400 feet west	(direction) of
	miles south (direction) of	Route 58
(nearest town Adams Grove) (GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TOUNTY HIGHWAY OR OTHER MAP.)	TWO REFERENCE POINTS - ROADS, TOWNS, RIV	VERS, ETC ON
DATE STARTED: 7/28/69	DATE COMPLETED: 8/11/69	
TYPE OF DRILL RIG USED: Rotary	TOTAL DEPTH_	249fee1
WATER LEVEL: Stands <u>dry</u> feet below	surface <u>OR</u>	
has <u>NATURAL</u> flow of_	gallons per minute.	
YIELD TEST: Method	HOLE SIZE: 151/4 Inches from 0	_to229_feet
Drawdownfeet	9-7/8 inches from 229	_to <u>249</u> feet
Rategal. per min.	inches from	_tofeet
Durationhrs.,min.	SCREEN SIZE:inches from	tofeet
WATER ZONES: fromtofeet	inches from	_tofeet
fromtofeet	inches from	tofeet
fromtofeet	CASE SIZE: 12 inches from 0	to220feet
WATER: ColorTaste	inches from	tofeet
Odor	inches from	tofeet
WELL TO SUPPLY: (check one) Home	GROUTING: MethodGravity	
Farm Town School	Material cement & waterDepth	14 feet
IndustryOther	PUMP: Type	
WATER ANALYSIS AVAILABLE: YesNo_XX_	Capacity	gal per min
DRILL CUTTINGS SAVED: (21) Yes XX No	Depth of intake	feet
(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISH	INTERVALS. THESE SAMPLES MAY BE SH	
R ARKS: Electric log run		

FURNISHED BY: Sydnor Hydrodynamics, Inc. DATE: 8/25/69

(fee	TH et)	TYPE OF ROCK OR SOIL PENE	REMARKS				
FROM	PioTolia	(gravel, clay, etc., hardness, colo	r, etc.)	(water, caving, shot, screen, sample, etc			
0 1 23 32 83 112 132 145 198 210 236	1 23 32 83 112 132 145 198 210 236 249	Top soil Red-brown clay Brown coarse sand Blue clay, some sand and shell White and gray sand Hard gray clay Gray sand with thin clay stread Gray sand, coarse Gray sand, clay Hard gray shale Gray shale, very hard	ENANT: RULLER Sydnor Hydrodynamics, Inc. ELC LOCATION CORES, Southampto Route 662 VOINT NEETING (NEUROSE town Adams Gro COUNTY NEW OF CITER ADAMS TOWN TO NEET STARTE OF CITER ADAMS TE STARTES OF CITER ADAMS 7/28/69				
101	ens	Gray Share, Very hard		ALE SLUBLING MIS INSTALLS BLY			
				LYXD Acres DAVA HERVEY			
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29				TEST O'LL			
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		SHOUTING Varias _ Gravity		which can thekal YUSSUZ IOT UJES			
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	100		99 Z	ATER ANALYSIS AVAILABLE YAL			
				HUL CUTTINGS SAVED (21)			
	1 (341)			ALIN DEVAR BENTTUD JUN CENTURAL COUNTS SERVICE CENTURAL EXPRESS COUNTED SERVICES			
BART C							

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

INTERVAL SHEET

Pa	ge	1	of	1					Well Repositor	ry No.:	C-402 W-2814	
Da	te rec	ıa.	9-16-	60	Date Process	- A - B - C	4 30 70		Cample Interes	al. from		+0
Do	te rec	u:	J 10-	09	Date Process	sea:	4-30-70		Sample Interva	al: IIOn	ı U	to: 230
PROPERTY:		Commo	nwea	lth Natural	Gas	#2		Number of samples: 21				
CO	MPANY:		Sydno	r					Total Depth:		249'	
COUNTY:		Southampton (Adams Grove)			Oil or Gas:	Gas: Water: XX Exploratory:						
	From-	ГО		F	rom-To		From-To		From-To		From-To	
	0_1				-		-		-		· · · · · · ·	
	10_2				_		-		-		_	
	20_3	0			_		_		_		_	
	30_4	0			_		_		_		_	
	40_5	0			-		-		_		-	
	50-6	0			_		~		_		_	
	60-7						-				-	
	70-8				-		-		 ,			
					-		_		-			
	80-9				-		-		-		-	
	90-1	00			-		-		-		_	
	100-1				-		_		_		_	
	110-1	20			-		-		=		-	
	120-1	30			_		-		-		-	
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	140-1	50			-		-					
	_				_		_		_		_	
	160-1	70			_		_		-		_	
	170-1				_		_		_		_	
	180-1				_							
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	190-2	00			-		-		-		_	
	200-2				-		-				_	
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All intervals have both washed and unwashed samples.

County: Southampton Total Depth: 230' Quad: Elev: Depth WELL LOG (feet) Clay - dark yellowish orange (10YR 5/6); very sparse sand; 0-10 very fine to medium, subangular, poor sorting. 10-20 Sand - grayish orange (10YR 6/4); sparse clay; very fine to coarse, angular to subangular, moderate sorting. 20-30 Sand - grayish orange (10YR 7/4); very sparse clay; fine to granule, angular to subangular, moderate sorting; few shell fragments; (granules are white; rest of sand is iron stained); iron oxide nodules. 30-60 Sand - pale yellowish brown (10YR 6/2); fine to granule, angular to subangular, moderate sorting; some feldspar; iron oxide nodules. 60-80 Sand - pale yellowish brown (10YR 6/2); moderate clay; fine to granule, subangular, moderate sorting; some feldspar. 80-90 Sand - pale yellowish brown (10YR 6/2); sparse clay; medium grained, subangular, very well sorted; 1% shell fragments; 1% phosphate fragments; iron oxide. 90-100 Sand - pale yellowish brown (10YR 6/2); sparse clay; medium to very coarse, subangular, moderate sorting; 1% shell fragments; bryozoa - Discoporella; 1% phosphate fragments; iron oxide fragments/nodules. 100-110 Sand - pale yellowish brown (10YR 6/2); very sparse clay; medium to granule, subangular, moderate sorting; sparse shell fragments. 110-120 Sand - pale yellowish brown (10YR 6/2); very sparse clay; very fine to granule, subangular, poor sorting; some shell fragments; garnet; iron oxide. 120-130 Sand/Clay - pale yellowish brown (10YR 6/2); abundant clay; abundant sand; fine to granule, subangular, poor sorting; some shell fragments; some feldspar; garnet; iron oxide. No sample. 130-140 140-150 Sand - pale yellowish brown (10YR 6/2); fine to granule, subangular, poor sorting; few shell fragments; some feldspar;

garnet; iron oxide fragments.

Commonwealth Natural Gas #2

Sydnor

W# 2814

C# 402

Owner:

Driller:

Owner: Commonwealth Natural Gas #2 W# 2814 Depth (feet) 150-160 No sample. 160-180 Sand - light orangish gray (5Y 6/1); fine to granule, subangular, poor sorting; few feldspar. 180-190 Sand - light orangish gray (5Y 6/1); granules, some mixed smaller grains; subangular, well sorted; garnet; iron oxide fragments. 190-210 Sand - light orangish gray (5Y 6/1); very fine to granule, subangular, poorly sorted; some feldspar; 190-200 - 1% rose quartz; garnet chips. 210-230 Gravel - mixed colors; granules and some very fine to coarse grains, subangular and rounded, poor sorting; some feldspar; 1% rose quartz; 210-220 - garnet; 220-230 - magnetite.

> Logged by: J. K. Polzin July 28, 1980