

266 CED 2 D 2001

WY0.

DATE: 01/01/1201 API#:: 4710902094C

AUB

State of West Virginia Division of Environmental Production Section of Oil and Gas

Well Operator's Report of Well Work

	• • • •						
			Operator '	Well No.: SLC-4			
arm Name Crouch, R.C., etal			Quadrang	gle: Oceana			
OCATION: Elevation:	1456						
- -			County: Wyor	ming			
District: Clear Fork		Deg. 40	Min. 00	Sec.			
Latitude: 1550		Deg. 37	Min. 30	Sec.			
Longitude: 1400							
Company: Penn Virginia Oil & Gas Corporation		Casing and	Used in drilling	Left in well	Cement fill up Cu. Ft.		
		13 3/8"	31'	31'	0		
Address: P.O. Box 387	9 5/8"	130'	130'	50			
Duffield, VA 24244	4 1/2"	1256'	1256'	430			
Agent: Harry Jewell		 	1				
Inspector: Ofie Helmick			1		 		
Date Permit Issued: 09/26/2001		 			<u> </u>		
Date Well Work Commenced: 10	0/01/2001				<u> </u>		
Date Well Work Completed: 1	1/12/2001				 		
Verbal Plugging:					 		
Date Permission granted on:				 			
Rotary X Cable Filg Total Depth (feet): 1,416				y=			
Fresh Water Depth (ft):		-	.	G. len or Ci			
		1	<u> </u>				
Damp @ 140'					a Maring		
Salt Water Depth (ft):							
	_				1		
Is coal being mined in area (N/	Y)? N						
			l	L			
Coal Depths (ft):				Ĭ	1		
See log		ļ	}				
		!	1	,			
OPEN FLOW DATA							
	_	0 - 1	Pav 200	e depth (ft)			
Producing formation Br	eckley, Poca 6 & Poca 5	Coal	oal ay 2010 II: Initial open flow Bbl/d				
Gas: Initial open flow	MCF/a	Oil, itiliaas open					
Final open flow	I AOT (TIVOL)	Final open flow	Hours	-			
Time of open flor	w hetween initial and fina	al tests:		urs			
Static rock pressure	Not taken psig (surface	pressure) aner					
			Pay zo	one depth (ft)			
Second producing for	MCF/d	Oil: Initial oper	n flow	Bbl/d			
Gas: Initial open flow	MCF/d	Final open flo		3bl/d			
Final open flow			Hours				
	ow between initial and fin	e pressure) after	н	ours			
Static rock pressure	·			-DEODATED			
INTERVALS, FRACTUR	HIS FORM PUT THE FORING OR STIMULATING ATIC DETAILED GEOLO OBY THE WELLBORE.	OLLOWING: 1). I G, PHYSICAL CH OGICAL RECOR	DETAILS OF PE HANE, TEC. 2). D OF ALL FORI	ERFORATED THE WELL LOG MATIONS, INCLUE	DING		

Signed:

By: 11/12/01 Profes

MAR 1 5 2002

DETAILS OF PERFORATIONS, FRACTURING, OR PHYSICAL CHANGE, ETC.

PERFORATIONS AND FRACTURING

Stage 1-Poca 5 Coal-Perforated from 1064' to 1067' with 12 holes. Breakdown with 250 gallons 7.5% HCL acid and water. Treated with 130 bbis water and 1300 lbs 20/40 sand. ISIP: 2100 psi. ATP: 3936 psi. ATR: 7.5 BPM.

Stage 2-Poca 6 Coal-Perforated from 993' to 996' with 12 holes. Breakdown with 250 gallons 7.5% HCL acid and water. Treated with 212 bbls water and 4800 lbs 20/40 sand. ISIP: 1208 psi. ATP: 3670 psi. ATR: 18 BPM.

Stage 3-Beckley Coal-Perforated from 825' to 828' with 12 holes. Breakdown with 250 gallons 7.5% HCL acid and water. Treated with 328 bbls water and 12100 lbs 20/40 sand. ISIP: 2760 psi. ATP: 3700 psi. ATR: 19 BPM.

<u>FORMATIONS</u>	IOP	ВОТТОМ	
Sand	0		REMARKS
Sand, shale & coal	192	192	Coal @ 236-238, 290-292
Sand	488	488	
Sand & shale	670	670	
Shale	790	790	
Seckley coal	825	825	
Shale	828	828	
Sand	907	907	
ower Fire Creek Coal	945	945	
and & shale	946	946	
ocahontas 6 Coal	988	988	
and		991	
ocahontas 5 Coal	991	1064	
and & shale	1064	1067	
and ·	1067	1120	
nale	1120	1310	
	1310	1416	No shows reported