WR-35 Rev (5-01) DATE: October 30, 2006
API # 047 - 015 - 02549F

State of West Virginia Department of Environmental Protection Office of Oil and Gas

Well Operator's Report of Well Work

Farm Name:	Paul E	. Barringer II, et	al		Oper	ator W	ell No.	PM	OG 5
LOCATION: Elevation: 1400				Quadrangle:		Swandale			
District:		Buffalo		County:		Clay			
Latitud	de: 4475	Feet South of	38	_ Deg.	30	Min.	00	Sec.	
Longit	nude: 13950	Feet West of	80	Deg.	55	Min	00	Sec.	
						,			
Commonw. Do	D	Disable V		Casing Tubing		Used		Left in well	Cement fill
	O. Box 2136	-Pine Mtn., Inc	-			drilli			up Cu. Ft.
		J- 2/212	-	11			14		
	oingdon, Virgir	118 24212	-	8 %		532		532	CTS
	Agent: Geary Legg Inspector: Terry Urban			4 1/		2.	279	2279	310 sx
Date Permit Issu		9/6/05	-	23/	<u> </u>	-		2188	
Date Well Work			-			-	-		
Date Well Work		5/2/06	-					 	
Verbal Plugging	-	5/08/06	-	ļ		DE	CEI	VEID	
Date Permission			-		\sim	-			
Rotary X C			-		_U	lice	OT U	& Gas	
Total Depth (fee		2369		ļ 					
Fresh Water De			-			AU	G 22	2013	
	70.	133	-	<u> </u>					
Salt Water Dept	h (ft.): 71:	3, 1216	-		W	V 1)6	nart	ment of	
•		, —— <u>—</u>	-	E.	_				
Is coal being min	ed in area (N/))? N	-		IVII){ 	emai	Protection	1
Coal Depths (ft.)	: 75, 153, 2	43	-						
			-	t <u>-</u>				, I	
OPEN FLOW									
Producing	Formation:	Big L					e depth	2076-2185	(ft)
Gas: Init	ial open flow:	MCF/d	C	il: Init	ial ope	n flow	:	Bbl/d	-
Final open flow: 146 MCF/d Final open flow: Bbl/d									
Time of open flow between initial and final tests 8 Hours									
Static Rock Pressure 140 Psig (surface pressure) after 24 Hours									
Second Producing Formation: Pay zone depth (ft)									
Gas: Initial open flow: MCF/d Oil: Initial open flow: Bbl/d								,	
	al open flow:	MCF/d			_			Bbl/d	
Static Roc		Faig (at	11.19(e pressi	ire) ai	—		Hours	
NOTE: ON THE BACK OF THIS FORM PUT THE FOLLOWING: 1) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2) THE WELL LOG, WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.									
Signed: Resources									
By: And in in									
	ate:	2/13						-	
	O / A	(CA 1 k2)							

Formation	Top Feet*	Bottom Feet*
Sand and Shale	0	1460
Upper Maxon	1460	1512
Shale	1512	1673
Middle Maxon	1673	1734
Shale	1734	1834
Lower Maxon	1834	1871
Shale	1871	1924
Little Lime	1924	1963
Shale	1963	1972
Blue Monday	1972	2010
Pencil Cave	2010	2024
Big Lime	2024	2229
Shale	2229	2369

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Well

PMOG 5

Permit

47-015-02549F

	Stage 1	Stage 2
Date	5/4/2006	5/4/2006
Frac	75Q N2 Foam	75Q N2 Foam
Formation(s)	Big Lime	Big Lime
Interval	2177-2185	2076-2093
# of Perf	18	9
BD Press	2275 psi	2687 psi
Avg Treating Press	2807 psi	4021 psi
Max Treating Press	3108 psi	4106 psi
Avg Rate (dh)	19.5 bpm	11.6 bpm
ISIP	531 psi	2115 psi
5 min SIP	426 psi	1918 psi
Total Acid	500 gal	500 gal
Total N2	157800 scf	341200 scf
Total H2O	138 bbl	195 bb l
Total Sand	394 sk	259 sk

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