DATE: **Feb. 24, 2009** API #: **47-097-03634**

State of West Virginia Department of Environmental Protection Office of Oil and Gas Well Operator's Report of Well Work

Farm name: Mike Ross Inc Operator Well No: Mike Ross Inc 2009-4 Acres 78						
LOCATION: Elevation: 1536' Quadrangle: Ad						
District: <u>Buckhannon</u> County:	<u>Upshur</u>					
	00400					
Latitude: 1.830' Lat: 38.						
Longitude: <u>11,520'</u> Long: 8	Casing &	Used in	Left in well	Cement fill		
Company: Mike Ross Inc.	Tubing	drilling	Left in wen	up Cu. Ft.		
Address: Po Box 219	Tubing	drining		Tup Gu. I ti		
Coalton WV 26257						
Agent: Mike Ross	11 3/4		119	80		
Inspector: Bill Hatfield	8 5/8	1813	1813	470 sacks		
Date Permit Issued: 02/17/09		1010	1010	37,4,500,20		
Date Well Work Commenced: 02/13/09	4 1/2		7710	750 sacks		
Date Well Work Completed:	1			1		
Verbal Plugging:	1					
Date Permission granted on:						
Rotary X Cable Rig						
Total Depth (feet): 7828'						
Fresh Water Depth (ft.): 1/2" stream @ 50', 1/2"						
stream @ 206' soap hole, 3/4 to 1" stream @						
1127'						
Salt Water Depth (ft.):				<u> </u>		
Is coal being mined in area (N/Y)? N						
Coal Depths (ft.): 367-370, 517-520, 805-813, 881-888, 1055-1059, 1293-1296						
OPEN FLOW DATA				. *		
Producing formation: Marcellus 48 H	<u>loles</u>					
Pay zone depth: <u>7640-7650</u> (ft)						
Gas: Initial open flow 20 MCF/d Oil: Initial open flow Bbl/d						
Final open flow 200 MCF/d Final open flow Bbl/d						
Time of open flow between initial and final tests 4 Hours						
Static rock Pressure psig (sur	face pressure)	after <u>72</u>	Hours			
Second producing formation	Pay zone dept	th (ft)				
Gas: Initial open flowMCF/d Oil: Initial open flowBbl/d						
Final open flowMCF/d Fi	nal open flow .	Bpl/d				
Time of open flow between initial and	final tests	Hours				
Static rock Pressurepsig (surface	pressure) after	Hours	10112212			
		\	TOTOTO HE	Weiii		
Static rock Pressurepsig (surface pressure) afterHours UOIIOOIO PURPORATED UIOIIAU						
INTERVALS, FRACTURING OF STIMULATING, ITTSICAL CHARGE, ETC.21 THE WEBS OF ALL FORMATIONS						
LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.						
INCLUDING COAL ENCOUNTERED BY THE	WELLBUKE.	_		NUL		
INCLUDING COAL ENCOUNTERED BY THE WELLBORE. Signed: Sep pue 10 10 10 10 10 10 10 10 10 10 10 10 10						

By: Mike Ross
Date: June 19, 2014

Date of Frac.: March 3, 2009 Well Name: Mike Ross Inc 2009-4

1st Stage - Perfs from **7662** to **7678**, Holes **48**, Acid **2000** Gals., Bbls water or foam **5302**, 80/100 sand **680** sacks, 40/70 sand **1954** sacks, N2 SCF, ISP**2447** 5 Min 2302#

2 nd Stage - Perfs from , 80/100 sand	to , Holes sacks, 20/40 sand	, Acid sacks, N2	Gals., Bbls water or foam SCF, ISP
3 rd Stage - Perfs from , 80/100 sand	to , Holes sacks, 20/40 sand	, Acid sacks, N2	Gals., Bbls water or foam SCF, ISP .
4 th Stage - Perfs from , 80/100 sand	to , Holes sacks, 20/40 sand	, Acid sacks, N2	Gals., Bbls water or foam SCF, ISP

<u>Directions</u>: 33 East of Buckhannon to Fink Run Road. Left to gate. Right. Follow to well.

Details:

Clay & Red Rock	0 -	367
Coal	367 -	370
Sand & Shale	370 -	733
Sand	733 -	800
Sand & Shale	800 -	1195
Lime & Sand	1195 -	1787
Big Lime	1787 -	1900
Injun Sand	1900 -	2500 Show Gas
Sand & Shale	2500 -	2540
Fifth Sand	2540 -	2600 Show Gas
Sand & Shale	2600 -	4490
Benson Sand	4490 -	4500 Show Gas
Sand & Shale	4500 -	6700
Sycamore Grit	6700 -	6710 Show Gas
Sand & Shale	6710 -	7600
Marcellus Shale	7600 -	7700
TD		7720