WR-35 Rev (9-11)

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

DATE: API #:

Farm name:		Operator Well No.:			
LOCATION: Elevation:			Quadrangle:		
District:			County:		
Latitude:	Feet South of	Deg	Min	Sec.	
Longitude	Feet West of	Deg	Min	Sec.	

Company:

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Agent:				
Inspector:				
Date Permit Issued:				
Date Well Work Commenced:				
Date Well Work Completed:				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft):				
Total Measured Depth (ft):				
Fresh Water Depth (ft.):				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.):				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

 Producing formation
 Pay zone depth (ft)
 \*Completing

 Gas: Initial open flow
 MCF/d Oil: Initial open flow
 Bbl/d

 Final open flow
 MCF/d
 Final open flow
 Bbl/d

Time of open flow between initial and final tests\_\_\_\_\_\_Hours

Static rock Pressure\_\_\_\_\_psig (surface pressure) after \_\_\_\_\_Hours

Second producing formation_		Pay zone depth (ft)			
Gas: Initial open flow	_MCF/d	Oil: Initial open flow	Bbl/d		
Final open flow	_MCF/d	Final open flow	Bbl/d		
Time of open flow betwee	n initial a	and final tests	_Hours		
Static rock Pressure	_psig (si	urface pressure) after	Hours		

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

Were core samples taken? Yes\_\_\_\_\_No\_\_\_\_\_

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list\_\_\_\_\_

#### NOTE: IN THE AREA BELOW 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 THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered:	Top Depth	/	Bottom Depth
Surface:			_



#### PERFORATION RECORD ATTACHMENT

#### Well Number and Name: 836403 Fork Ridge MSH 6H

PERFORATION RECORD		STIMULATION RECORD								
	Interval P	erforated				Fluid		Propping Agent		Average
Date	From	То	Date	Interval	Treated	Туре	Amount	Туре	Amount	Injection
6/29/2013	12,319	12,596	7/29/2013	12,319	12,596	Slk wtr	8,863	Sand	408,868	94
7/30/2013	11,978	12,260	7/30/2013	11,978	12,260	Slk wtr	7,821	Sand	409,553	99
7/30/2013	11,636	11,919	7/30/2013	11,636	11,919	Slk wtr	7,818	Sand	406,408	98
7/30/2013	11,295	11,577	7/30/2013	11,295	11,577	Slk wtr	7,903	Sand	409,694	99
7/30/2013	10,954	11,236	7/31/2013	10,954	11,236	Slk wtr	7,827	Sand	407,782	100
7/31/2013	10,613	10,895	7/31/2013	10,613	10,895	Slk wtr	8,024	Sand	409,796	100
7/31/2013	10,271	10,551	7/31/2013	10,271	10,551	Slk wtr	7,830	Sand	411,158	100
7/31/2013	9,930	10,212	8/1/2013	9,930	10,212	Slk wtr	7,512	Sand	407,033	100
8/1/2013	9,589	9,871	8/1/2013	9,589	9,871	Slk wtr	7,847	Sand	411,663	100
8/1/2013	9,248	9,530	8/1/2013	9,248	9,530	Slk wtr	7,946	Sand	407,441	101
8/1/2013	8,906	9,189	8/1/2013	8,906	9,189	Slk wtr	7,653	Sand	408,240	100
8/1/2013	8,565	8,847	8/2/2013	8,565	8,847	Slk wtr	7,445	Sand	409,655	101
8/2/2013	8,224	8,506	8/2/2013	8,224	8,506	Slk wtr	8,198	Sand	405,287	98
8/2/2013	7,883	8,165	8/2/2013	7,883	8,165	Slk wtr	7,830	Sand	407,612	98.2
8/2/2013	7,541	7,824	8/2/2013	7,541	7,824	Slk wtr	7,513	Sand	405,731	99.2
8/2/2013	7,200	7,482	8/2/2013	7,200	7,482	Slk wtr	7,873	Sand	407,629	99

## LATERAL WELLBORE (no vertical pilot hole associated with this well)

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth <i>,</i> TVD (ft)
SS W/SH & MINOR LS	0	0	942	942
PITTSBURG COAL	942	942	952	952
SS W/SH & SILTSTONE	952	952	2020	2020
BIG LIME	2020	2020	2103	2101
BIG INJUN (SS)	2103	2101	2325	2323
SHALE W/ SILTSTONE	2325	2323	3580	3580
SHALE	3580	3580	6728	6641
GENESEO (SH)	6728	6641	6758	6661
TULLY (LS)	6758	6661	6798	6686
HAMILTON (SH)	6798	6686	7050	6788
MARCELLUS (SH)	7050	6788		
TD OF LATERAL			12699	6850

# Maximum TVD of wellbore: 6850 ft TVD @ 12699 ft MD