WR-35 Rev (9-11)

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

DATE:	June 12, 2013
API#:	47-041-05343

Farm name: McLaughin	Operator Well No.: #1 WV0194			Mr Militarian consump	
LOCATION: Elevation: 1,133'	Quadrangle: _F	Peterson 7.5'			
District: Courthouse	County: Lewis			***************************************	
Latitude: 820' Feet South of 38 Deg.  Longitude 6810 Feet West of 80 Deg.					
Company: Mountain V Oil & Gas, Inc.					
Address: PO Box 470	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.	
Bridgeport, WV 26330	9 5/8"		42	CTS	
Agent: Mike Shaver	7"		481	CTS	
Inspector: Bill Hatfield (Was Tim Bennett when drilled)	4 1/2"		4,735	245 sks	
Date Permit Issued: 10/19/2007					
Date Well Work Commenced: 12/01/2007					
Date Well Work Completed: 12/11/2007					
Verbal Plugging:			RECE	VED	
Date Permission granted on:			Office of C	NI & Gas	
Rotary Cable Rig					ĺ
Total Vertical Depth (ft): 4,892'			JUN 1	7 2013	l
Total Measured Depth (ft): 4,892'					
Fresh Water Depth (ft.): 115'			MV Dena	rtment of	
Salt Water Depth (ft.): 976'		En	ironment	al Protect	on
Is coal being mined in area (N/Y)? N		<b></b>	<del>                                      </del>		
Coal Depths (ft.): 118', 319'					ĺ
Void(s) encountered (N/Y) Depth(s) N					
					ı
OPEN FLOW DATA (If more than two producing formation Producing formation Lime, Injun, Gordon, Balltown, Benson Pay z	ons please includ	de additional da	ta on separate sl	ieet)	
Gas: Initial open flow Odor MCF/d Oil: Initial open flow		ol/d			
Final open flow 600 MCF/d Final open flow		Vd			
Time of open flow between initial and final tests 72	Hours				
Static rock Pressure 510psig (surface pressure) aft	ter <u>24                                    </u>	rs			
Second producing formation Comingled Pay zor	ne depth (ft)				
Gas: Initial open flowMCF/d Oil: Initial open flo	owBt	ol/d			
Final open flow MCF/d Final open flow		l/d			
Time of open flow between initial and final tests		•			
2 0					
certify under penalty of law that I have personally examined a	and am familiar	with the inform	nation submitted	on this documen	t and
all the attachments and that, based on my inquiry of those individual the information is true, accurate, and connitere.	/iduals immedia	itely responsible	e for obtaining th	ne information I b	oelieve
and the mismatter is true, accurate, and configure					
_/////			12-13		
Signature			Date		

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Were core samples taken? YesNo_X	Were cuttings caught during drilling? Yes X No				
Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list GR, CD, Induction, Density, Temp, P					
FRACTURING OR STIMULATING, PHYSICAL DETAILED GEOLOGICAL RECORD OF THE COAL ENCOUNTERED BY THE WELLBORE F	FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING ROM SURFACE TO TOTAL DEPTH.				
Perforated Intervals, Fracturing, or Stimulating:					
Stage 1: 4652-4656 - 16 Holes - 150 sks Proppant 75 Q Delta					
Stage 2: 3490-3660 - 20 Holes - 150 sks Pro	oppant 75 Q Delta				
Stage 3: 2680-2690 - 20 Holes - 250 sks Proppant 75 Q Delta					
Stage 4: 2465-2474 - 18 Holes - 225 sks Pro	oppant 75 Q Delta				
Stage 5: 1968-2062 - 24 Holes - 200 sks Pro	oppant 75 Q Delta				
Plug Back Details Including Plug Type and Depth(s):					
Formations Encountered: Surface:	Top Depth / Bottom Depth				
Fill/Sand/Shale: 0-15	Warren: 3090-3200				
Sand/ Shale: 15-115	Speechley: 3200-3240				
Coal: 115-118	Shale: 3240-3904				
Sand/Shale: 118-315	Balltown: 3904-3955				
Coal: 315-319	Sand/Shale: 3955-4287				
Sand/Shale: 319-920 Sand: 920-976	Riley: 4287-4350				
Sand/Shale: 976-1875	Sand/Shale: 4350-4735				
Lime: 1875-2100	Benson: 4735-4892 TD: 4892				
Injun: 2100-2250	10. 4092				
Sand/Shale: 2250-2570					
Gordon: 2570-2640	,				
Sand/Shale: 2640-2775					
Elizabeth: 2775-2850					
Shale: 2850-3090					