

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

DATE: 3-12-12  
API #: 47-10902532

Farm name: Lethal Cline Operator Well No.: 1

LOCATION: Elevation: 1,250 Quadrangle: Ocean 7-5

District: Clear Fork County: Wyoming  
Latitude: 4,450 Feet South of 37 Deg. 40 Min. 00 Sec.  
Longitude 10,450 Feet West of 81 Deg. 40 Min. 00 Sec.

Company: Parsons Gas Exploration Wv LLC  
3620 3620 Rockland Mills

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>Center, Ky 40214</u>	<u>12"</u>	<u>40</u>		
Agent: <u>Rex Parsons</u>	<u>9"</u>		<u>391</u>	<u>110 SKS</u>
Inspector: <u>Barry Stollings</u>	<u>7"</u>		<u>1550</u>	<u>240 SKS</u>
Date Permit Issued: <u>6-14-06</u>	<u>4 1/2</u>		<u>4815</u>	<u>155 SKS</u>
Date Well Work Commenced: <u>7-10-06</u>				
Date Well Work Completed: <u>7-20-06</u>				
Verbal Plugging: <u>n</u>				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>4897</u>				
Total Measured Depth (ft): <u>4862</u>				
Fresh Water Depth (ft.): <u>85</u>				
Salt Water Depth (ft.): <u>910</u>				
Is coal being mined in area (N/Y)? <u>n</u>				
Coal Depths (ft.): <u>750-752'</u>				
Void(s) encountered (N/Y) Depth(s) <u>n</u>				

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

Producing formation Berea Sand Pay zone depth (ft) 3400-3435  
Gas: Initial open flow 10.00 MCF/d Oil: Initial open flow N Bbl/d  
Final open flow 50.00 MCF/d Final open flow N Bbl/d  
Time of open flow between initial and final tests 24 Hours  
Static rock Pressure 460 psig (surface pressure) after 24 Hours

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Second producing formation n Pay zone depth (ft) n  
Gas: Initial open flow n MCF/d Oil: Initial open flow n Bbl/d  
Final open flow n MCF/d Final open flow n Bbl/d  
Time of open flow between initial and final tests n Hours  
Static rock Pressure n psig (surface pressure) after n Hours

WV Department of Environmental Protection

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.

Jadee Parsons  
Signature

3-12-12  
Date

Were core samples taken? Yes \_\_\_\_\_ No

Were cuttings caught during drilling? Yes \_\_\_\_\_ No

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Gamma ray neutron  
Dual induction Temp

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:

perforated 3410-3410 4 holes/ft  
 Sand Frac 250,000 nitrogen, 40,000 sand  
 5 bbs 18% acid displaced 1 1/2 X's compo

Plug Back Details Including Plug Type and Depth(s): Electric Frac Plug set at  
3475'

Formations Encountered:	Top Depth	Bottom Depth	
Surface:			
Fill & Subbase	0	40	
sand & shale	40	230	fresh water 85'
sand	230	370	
shale	370	510	
sand	510	630	
sand & shale	630	690	
salt sand	690	980	salt water 910'
shale	980	1110	
sand	1110	1390	
shale	1390	1470	
sand	1470	1565	
shale & sand	1565	1830	
maxon	1830	2105	
shale	2105	2315	
sand	2315	2325	
shale	2325	2400	
Little Lime	2400	2470	
Big Lime	2470	2730	
Bardon	2730	2995	
Weir	2995	3075	
Pocono	3075	3280	
Seneca	3280	3405	
Berrend	3405	3428	

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