

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

DATE: 4-2-2012  
API #: 47-085-05168 F

Farm name: F. Valentina Operator Well No.: Valentina 1

LOCATION: Elevation: 696' Quadrangle: Petroleum

District: Grant County: Ritchie  
Latitude: \_\_\_\_\_ Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.  
Longitude \_\_\_\_\_ Feet West of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

Company: Allied Energy Inc.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>P.O. Box 3005</u>	<u>Size</u>			
<u>Saratoga, CA 95070</u>	<u>20-16 Cond</u>			
Agent: <u>Tom Fluharty</u>	<u>13-10"</u>			
Inspector: <u>D. Cowan</u>	<u>9 5/8</u>			
Date Permit Issued: <u>06/08/2010</u>	<u>8 5/8</u>	<u>1333'</u>	<u>1333'</u>	<u>504</u>
Date Well Work Commenced: <u>06/24/2010</u>	<u>7</u>			
Date Well Work Completed: <u>06/24/2010</u>	<u>5 1/2</u>			
Verbal Plugging: <u>NA</u>	<u>4 1/2</u>	<u>5174'</u>	<u>5174'</u>	<u>858</u>
Date Permission granted on: <u>06/08/2010</u>	<u>3</u>			
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>	<u>2</u>			
Total Vertical Depth (ft): <u>5174.85</u>	<u>Liners</u>	<u>None</u>	<u>None</u>	<u>None</u>
Total Measured Depth (ft): <u>5174.85</u>				
Fresh Water Depth (ft.): <u>N.A.</u>				
Salt Water Depth (ft.): <u>N.A.</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>None</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 \_\_\_\_\_ 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 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 between initial and final tests 48 Hours  
Static rock Pressure 720 psig (surface pressure) after 24 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.

Daniel W Wiggers  
Signature

4/2/2012  
Date

RECEIVED  
 APR 9 2012  
 OFFICE OF OIL AND GAS  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 STATE OF WEST VIRGINIA

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 / CCL Neutron / Bond

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): Solid bridge plug set at 3000'

Formations Encountered: \_\_\_\_\_ Top Depth 2090' / 2714' Bottom Depth \_\_\_\_\_  
Surface: 2714'

Formations Encountered	Top Depth	Bottom Depth	Perforations	Stimulating
Berea	2090'	2096'	6'	13 perfs
Gantz	2210'	2298'	88'	24 perfs
	2322'	2396'	74'	22 perfs
Gordon	2400'	2486'	86'	19 perfs
	2500'	2503'		5 squeeze shots
Gordon	2550'	2600'	50'	20 perfs
Sand	2600'	2603'		5 squeeze shots
Sand	2632'	2640'	8'	5 perfs
5th Sand	2714'	2802'	88'	25 perfs

394' total feet zone

128 perfs

.03-13 shots / ft.