

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

DATE: 04/12/2012
API #: 47-097-03780

Farm name: LANDIS, MARTHA (LIFE ESTATE) Operator Well No.: GOWER 1-WV0416

LOCATION: Elevation: 1629 Quadrangle: ADRIAN 7.5

District: MEADE County: UPSHUR
Latitude: 38-53-44.7 Feet South of _____ Deg. _____ Min. _____ Sec.
Longitude 80-15-23.7 Feet West of _____ Deg. _____ Min. _____ Sec.

Company: MOUNTAIN V OIL and GAS

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 470 Bridgeport WV 26330	13 3/8		42'	SAND IN
Agent: Mike Shaver	9 5/8		210	75 SK
Inspector: Bill Hatfield	7 "		1826	275 SK
Date Permit Issued: 03-01-2011	4 1/2 N 80		7160	150 SK
Date Well Work Commenced: 11-13-2012				
Date Well Work Completed: 12-03-2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7170				
Total Measured Depth (ft): 7170				
Fresh Water Depth (ft.): 90				
Salt Water Depth (ft.): 1340				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 210				
Void(s) encountered (N/Y) Depth(s)				

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

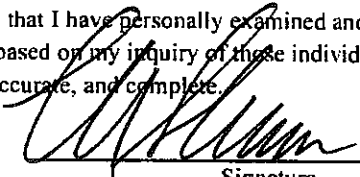
Producing formation MARCELLUS Pay zone depth (ft) 7034 - 7140

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 500 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 2600 psig (surface pressure) after 24 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 _____ Hours
Static rock Pressure _____ psig (surface 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.


Signature

4-15-12
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 ELECTRICAL

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:

PERFS 7091 - 7094 12 HOLES, 7102 - 7112 40 HOLES, 7118 - 7130 48 HOLES

SLICK WATER FRACK 16215 BBL H2O, 16554 BBL SLURRY 1830 SK 80/100, 4028 SK 40/70,
AVG PRESURE 5326 AVG RATE 73.5 ISIP 2646

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

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth _____
Surface: _____

Formations Encountered:	Top Depth	Bottom Depth
GROUND EL	1700	
GREENBRIER BIG LIME	1445 - 1715	
INJUN	1445 - 2227	
GORDON	2227 - 2357	
5 TH SAND	2397 - 2467	
3 RD RILEY	3637 - 3678	
BENSON	4022 - 4081	
GENESEO SHALE	6879 - 6914	
TULLY LS	6914 - 6957	
HAMILTON SHALE	6957 - 7033	
UPPER MARCELLUS	7033 - 7073	
PURCELL LS	7073 - 7076	
LOWER MARCELLUS	7076 - 7139	
ONONDAGA	7139 - 7150	

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