

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

DATE: 04-11-2012

API #: 47-087-03379

97-03779

Farm name: PHILLIPS, CHARLES G. PAULA

Operator Well No.: CHARLES PHILLIPS 100V0341

LOCATION: Elevation: 1700

Quadrangle: BUCKHANNON 7.5

District: MEADE

County: UPSHUR

Latitude: 38 53 49.9 Feet South of Deg.

Min. Sec.

Longitude 80 14 43.6 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		346	130 SK
Inspector: Bill Hatfield	7 "		2025	270
Date Permit Issued: 02-24-2011	4 1/2 N 80		7139	150 SK
Date Well Work Commenced: 12-3-2011				
Date Well Work Completed: 12-15-2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7150				
Total Measured Depth (ft): 7150				
Fresh Water Depth (ft.):	644/10			
Salt Water Depth (ft.):	1350			
Is coal being mined in area (N/Y)?	N			
Coal Depths (ft.):	N/A			
Void(s) encountered (N/Y) Depth(s)	N			

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

Producing formation MARCELLUS Pay zone depth (ft) 7039 - 7139

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 2850 psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

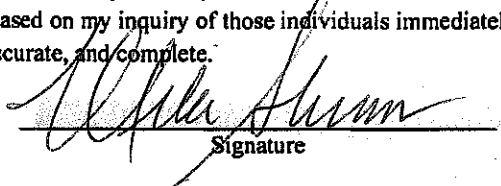
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

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

Time of open flow between initial and final tests _____ 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

9-10-12
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 7090 - 7130 120 HOLES 3 SHOT P/FOOT

SLICK WATER FRACK 15099 BBL H2O, 15645 BBL SLURRY 2017 SK 80/100, 3015 SK 40/70,
AVG PRESURE 5246 AVG RATE 76.2

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

<u>Formations Encountered:</u> <u>Surface:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
<i>sand & shale</i>	<i>GL - 1444</i>	
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	