

CR

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: 02/01/2013
API #: 47-091-01126

REVISED

Farm name: Denjen, Richard L. Operator Well No.: W.M. Compton 1A

LOCATION: Elevation: 1993' Quadrangle: Gladesville 7.5'

District: Fetterman County: Taylor
Latitude: 4,600 Feet South of 30 Deg. 27 Min. 30 Sec.
Longitude 5,300 Feet West of 79 Deg. 55 Min. 00 Sec.

Company: Petroleum Development Corporation

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
120 Genesis Boulevard Bridgeport, WV 26330	11 3/4"	33'		
Agent: Bob Williamson	8 5/8"	1054'	1054'	345
Inspector: Joe McCourt	5 1/2"	8092'	8092'	384
Date Permit Issued: 04/23/2009				
Date Well Work Commenced: 08/19/2009	2 3/8"		7914'	
Date Well Work Completed: 11/02/2009				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 8041'				
Total Measured Depth (ft): 8165'				
Fresh Water Depth (ft.): 233', 270'				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): NR				
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) 7935'

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

Final open flow 338 MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure 1200 psig (surface pressure) after 48 Hours

Second producing formation _____ Pay zone depth (ft) _____

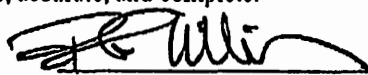
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

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

02/07/2013
Date

04/19/2013

Were core samples taken? Yes _____ No XX

Were cuttings caught during drilling? Yes XX No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Mud Log from 1100'- TD. Schlumberger
Dens/Neu/GR/Cal/PE & Dens/Neu/LaterLog/GR/Cal from 70' - 8165'. Schlum. CBL/GR/CL from 8080'-5800'. Schlum Dev Log from 8120-1065'.

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:

10/23/09: MIRU Hotwell & perf Marcellus from 8063-73 & 8028-38.11/02/2009:Two-stage Marcellus completion.

The first stage was a slickwater treatment with 2360 sks of 100 mesh and 2697.71 sks of 40/70 mesh white sands. The clean volume pumped was 10,503 bbl. The breakdown pressure was 3925 psi, with an initial ISIP of 3705 psi (FG=0.89). The well treated at an average rate of 65 bpm with an average treating pressure of 4980 psi. ISIP, 4094 psi. MIRU Hotwell & set Alpha plug @ 7990'.

Perf 2nd stage in Marcellus from 7935-7955. 2nd stage was a slickwater treatment with 2310 sks of 100 mesh and 2197.12 sks of 40/70 mesh white sands. The clean volume pumped was 8416 bbl. The breakdown pressure was 4135 psi, with an initial ISIP of 4144 psi

~~Plug Back Details including Plug Top and Depth:~~ (FG=0.95, possibly inflated due to the possible charge from stage I).

The well treated at an average rate of 75 bpm with an average treating pressure of 5890 psi. ISIP, 4250 psi.

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

Formations Encountered:	Top Depth	Bottom Depth	
Little Lime	1008	1022	Tully 7520 7648
Big Lime	1044	1218	Marcellus 7984 8081 Gas
Injun	1218	1277	Onondaga 8081 8098
Pocono	1308	1389	Huntersville 8098 8165 MD-TD
Berea	1404	1434	
50 Foot	1600	1622	
30 Foot	1644	1670	
4th Sand	2132	2170	
5th Sand	2242	2303	
Balltown	3170	3404	
Riley	3942	3951	
Benson	4199	4254	
Elks	4804	4858	Gas
Sycamore	6780	6800	
Geneseo	7513	7520	Gas