

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: 6/11/13
API #: 47-7900261 W

Farm name: Irvine, Kevin L, etal Operator Well No.: 7145

LOCATION: Elevation: 840 ft Quadrangle: Pocatalico

District: Poca County: Putnam
Latitude: 9.815 Feet South of 38 Deg. 30 Min. 00 Sec.
Longitude 4.600 Feet West of 81 Deg. 42 Min. 30 Sec.

Company: Columbia Gas Transmission, LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
1700 MacCorkle Ave SE Charleston, WV 25325-1273	14"	20	20	NA
Agent: Paul Amick	10-3/4"	522	0	NA
Inspector: Terry Urban	8-5/8"	1294	1294	no record
Date Permit Issued: 5/22/13	5-1/2"	1685	1685	260 sx
Date Well Work Commenced: 3/4/13				
Date Well Work Completed: 6/11/13				
Verbal Plugging: NA				
Date Permission granted on:				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft):				
Total Measured Depth (ft): 1791 (in year 2004)				
Fresh Water Depth (ft.): none rpt'd by driller in 1950				
Salt Water Depth (ft.): none rpt'd by driller in 1950				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): NA				
Void(s) encountered (N/Y) Depth(s) none rpt'd				

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

Producing formation Big Lime (natural gas storage) Pay zone depth (ft) 1700 - 1708

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) _____

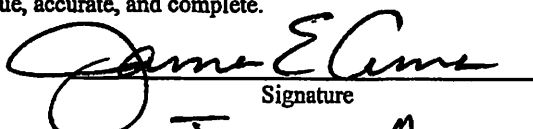
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

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

Time of open flow between initial and final tests _____ 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
James Amos

6/11/13
Date

08/09/2013

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes _____ No NA

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list MicroVertilog (pipe inspection)

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:

Killed well. Pulled tubing. Logged and installed mechanical bridge plug. Installed new wellhead.

Pulled bridge plug. Acid stimulated.

Acid treatment: 1600 gal 15% HCl acid, 50 bbl fresh water, Avg rate = 3.5 bpm, ATP = 330 psig

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

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
<u>Surface:</u>		

NA - no new borehole drilled

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