

WR-35  
Rev (8-10)

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

DATE: November 28, 2012  
API #: 47-1301249-D

Farm name: Yoak, Herbert T. Operator Well No.: Yoak #1

LOCATION: Elevation: 607 Quadrangle: Annamoriah

District: Sheridan County: Calhoun  
Latitude: \_\_\_\_\_ Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.  
Longitude \_\_\_\_\_ Feet West of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

Company: Buckeye Oil Producing Co.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
PO Box 129, Wooster, OH 44691	10"	391'	391'	cmt to surface
Agent: Henry W. Sinnett	8-1/4"	980'	980'	-0-
Inspector: Ed Gainer	7"	1095'	1095'	600'
Date Permit Issued: 7/10/2012	4-1/2"	2554'	2554'	1513'
Date Well Work Commenced: 7-15-12				
Date Well Work Completed: 11-2-12				
Verbal Plugging: N/A				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable _____ Rig _____				
Total Vertical Depth (ft): 2590'				
Total Measured Depth (ft): 2590'				
Fresh Water Depth (ft.): 30'				
Salt Water Depth (ft.): 699'				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.):				
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 Gordon - Gantz Pay zone depth (ft) 2176-2474  
Gas: Initial open flow      MCF/d Oil: Initial open flow      Bbl/d  
Final open flow 30 MCF/d Final open flow 2 Bbl/d  
Time of open flow between initial and final tests 72 Hours  
Static rock Pressure 770 psig (surface pressure) after 72 Hours

Second producing formation Berea Pay zone depth (ft) 2098-2113  
Gas: Initial open flow      MCF/d Oil: Initial open flow      Bbl/d  
Final open flow 5 MCF/d Final open flow 5 Bbl/d  
Time of open flow between initial and final tests 72 Hours  
Static rock Pressure 190 psig (surface pressure) after 72 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.

Mark L. Gille  
Signature

12/31/12  
Date

03/15/2013

13-01249D

Were core samples taken? Yes \_\_\_\_\_ No X

Were cuttings caught during drilling? Yes \_\_\_\_\_ No X

Were Y/Y/N Electrical, N/Y/N Mechanical, N/Y/N or Geophysical logs recorded on this well?

**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:

	Berea	Gantz-Gordon
Perforation Interval:	2098-2113	2176-2474
# of Perforations:	17	26
Type of Frac:	Gel-Water	Slick water
Sks. of Sand:	200 sks	290 sks
Fracked Berea w/ 37,000 gal. Gelled water & 200 sks of 20/40 sand 25 BPM @ 1291 psi.		
Fracked Gordon-Gantz 72,000 slick water 290 sks of 20/40 sand 33 BPM @ 1211 psi. 5 min. S.I. 692		

Formations Encountered: \_\_\_\_\_ Top Depth / \_\_\_\_\_ Bottom Depth  
Surface: \_\_\_\_\_

Big Injun	1673	1716
Berea	2098	2112
Gantz	2172	2250
Gordon	2452	2476