

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: March 4, 2013
API #: 47-7302512
7302542

Farm name: Alton, Gary & Randy Operator Well No.: Alton #1

LOCATION: Elevation: 719' Quadrangle: Willow Island

District: Jefferson County: Pleasants
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.
<u>P.O. Box 129</u> <u>Wooster, OH 44691</u>	<u>9-5/8"</u>	<u>250'</u>	<u>250'</u>	<u>cmt to surface</u>
Agent: <u>Henry W. Sinnett</u>	<u>7"</u>	<u>1223'</u>	<u>1223'</u>	<u>167 cu/ft.</u>
Inspector: <u>Joe Taylor</u>	<u>4-1/2"</u>	<u>3926'</u>	<u>3926'</u>	<u>248 cu/ft.</u>
Date Permit Issued: <u>4/5/12</u>				
Date Well Work Commenced: <u>5/1/12</u>				
Date Well Work Completed: <u>12/30/12</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>3952'</u>				
Total Measured Depth (ft): <u>3952'</u>				
Fresh Water Depth (ft.): <u>60'</u>				
Salt Water Depth (ft.): <u>750'</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>-</u>				
Void(s) encountered (N/Y) Depth(s) <u>-</u>				

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

Producing formation Shale Pay zone depth (ft) 3120-3141
Gas: Initial open flow -0- MCF/d Oil: Initial open flow -0- Bbl/d
Final open flow 5 MCF/d Final open flow -0- Bbl/d
Time of open flow between initial and final tests 72 Hours
Static rock Pressure 1100 psig (surface pressure) after 72 Hours

Second producing formation Shale Pay zone depth (ft) 2828-2864
Gas: Initial open flow -0- MCF/d Oil: Initial open flow -0- Bbl/d
Final open flow 5 MCF/d Final open flow -0- Bbl/d
Time of open flow between initial and final tests 72 Hours
Static rock Pressure 1100 psig (surface pressure) after 72 Hours

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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 J. Tyle
Signature

3-4-13
Date

03/15/2013

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Producing formation 5th Pay zone depth (ft) 2142-2172
Gas: Initial open flow -0- MCF/d Oil: Initial open flow -0- Bbl/d
Final open flow 5 MCF/d Final open flow -0- Bbl/d
Time of open flow between initial and final tests 72 Hours
Static rock Pressure 600 psig (surface pressure) after 72 Hours

Producing formation Gordon-Gantz Pay zone depth (ft) 1968-2018
Gas: Initial open flow -0- MCF/d Oil: Initial open flow 1 Bbl/d
Final open flow 5 MCF/d Final open flow 1 Bbl/d
Time of open flow between initial and final tests 72 Hours
Static rock Pressure 600 psig (surface pressure) after 72 Hours

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Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes _____ No X

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list _____
Temperature, Gamma Ray, Neutron, Density & Induction

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: 3120 - 3141, 14 shots. Frac w/ 319 Bbls. water: 261,924 SCF Nitrogen 15,000# 20/40 sand. Set baffle @ 2880

Perf: 2828 - 2864, 17 shots. Frac w/ 248 Bbls. water: 223,611 SCF Nitrogen 15,000# sand. 16 BPM.

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

<u>Formations Encountered:</u> <u>Surface:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
Big Injun	1124	1170
Berea	1577	1579
Gantz	1692	1740
Gordon	1830	1855
5th Sand	2142	2172
Shale	2172	4050

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Page 2 – Perforated Intervals, Fracturing, or Stimulating

Perforated Intervals, Fracturing, or Stimulating:

Perf: 2142-2172, 31 shots. Frac w/ 40,880 Gal. Water. 10,000# 20/40 sand. 20 BPM @ 2790 psi

Perf: 1968-2018, 51 shots. Frac w/ 21,012 Gal. Water. 9,000# 20/40 sand. 10 BPM @ 2930 psi

03/15/2013