

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

Well Operator's Report of Well Work

Farm Name: **Bartlett** Operator Well No. : **Two (2)**

LOCATION: Elevation: **1136** Quadrangle: **New Milton 7.5**  
District: **New Milton** County: **Doddridge**  
Latitude: **39.22797** Feet South of **39** Deg. **13** Min. **40.7** Sec.  
Longitude: **80.671135** Feet West of **80** Deg. **42** Min. **40.9** Sec.

Company:	<b>KEY OIL COMPANY</b>	Casing & Tubing Size	Used In Drilling	Left In Well	Cement Fill Up Cu Ft
	<b>22 GARTON PLAZA</b>				
	<b>WESTON, WV 26452</b>				
Agent:	<b>Jan E. Chapman</b>				
Inspector:	<b>Dave Scranage</b>	<b>11"</b>	<b>32'</b>	<b>Pulled</b>	<b>N/A</b>
Permit issued:	<b>03-19-12</b>				
Well Work Commenced:	<b>07-31-12</b>	<b>9-5/8"</b>	<b>168'</b>	<b>168'</b>	<b>90 sks. CTS</b>
Well Work Completed:	<b>08-07-12</b>				
Verbal Plugging	<b>N/A</b>	<b>7"</b>	<b>1090'</b>	<b>1090'</b>	<b>170 sks. CTS</b>
Permission granted on:	<b>06-20-12</b>				
Rotary X Cable Rig		<b>4-1/2"</b>	<b>2951'</b>	<b>2951'</b>	<b>150 sks. ETOC 1040'</b>
Total Depth ( feet )	<b>3040'</b>				
Fresh water depths ( ft )	<b>83'</b>				
Salt water depths ( ft )	<b>1220'</b>				
Is coal being mined in area ( Y / N )?	<b>No</b>				
Coal Depths ( ft ):	<b>NA</b>				

OPEN FLOW DATA **Gordon & Gantz** **2502-2722**  
**Weir** **2292-2358**  
**Injun & Keener** **2074-2130**  
Producing formation **Lime** Pay zone depth ( ft ) **2002-2010**

Gas: Initial open flow	<b>72</b>	MCF / D	Oil: Initial open flow	<b>Show</b>	Bbl / D
Final open flow	<b>822</b>	MCF / D	Oil: Final open flow	<b>3</b>	Bbl / D
Time of open flow between initial and final tests	<b>24</b>				Hours
Static rock pressure	<b>550</b>	psig ( surface pressure )	after	<b>24</b>	Hours

**All Formations Comingled.**

Second producing formation		Pay zone depth ( ft )	
Gas: Initial open flow	MCF / D	Oil: Initial open flow	Bbl / D
Final open flow	MCF / D	Oil: Final open flow	Bbl / D
Time of open flow between initial and final tests			Hours
Static rock pressure		psig ( surface pressure )	after

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NOTE: ON BACK OF THIS FORM 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 ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: **KEY OIL COMPANY**

By: *Jan Chapman*

PRESIDENT

Date: **October 18, 2012**

17-06107

**Bartlett #2 (47-017-06107)**

**TREATMENT:**

<b>Gordon &amp; Gantz</b>	<b>(15 holes) 2716-2722 (5 holes) 2502-2505</b>	<b>sand, water and N2: 30,000# 20/40 sand, 272,000 SCF N2, and 160 bbl. water</b>
<b>Weir</b>	<b>(21 holes) 2292-2358</b>	<b>sand, water and N2: 20,000# 20/40 sand, 249,000 SCF N2, 141 bbl. water</b>
<b>Injun &amp; Keener</b>	<b>(8 holes) 2126-2130 (12 holes) 2074-2080</b>	<b>sand, water and N2: 28,800# 20/40 sand, 335,000 SCF N2, 211 bbl. water</b>
<b>Lime</b>	<b>(20 holes) 2002-2010</b>	<b>acid, water and N2: 2,000 gal. 28% acid 138,000 SCF N2, 110 bbl. water</b>

**FORMATIONS:**

<b>Sand &amp; Shale</b>	<b>0'</b>	<b>1320'</b>
<b>Sand &amp; Shale</b>	<b>1320'</b>	<b>2000'</b>
<b>Little Lime</b>	<b>2000'</b>	<b>2010'</b>
<b>Shale</b>	<b>2010'</b>	<b>2070'</b>
<b>Keener</b>	<b>2070'</b>	<b>2080'</b>
<b>Sand</b>	<b>2080'</b>	<b>2110'</b>
<b>Big Lime</b>	<b>2110'</b>	<b>2150'</b>
<b>Shale</b>	<b>2150'</b>	<b>2280'</b>
<b>Weir</b>	<b>2280'</b>	<b>2380'</b>
<b>Sand &amp; Shale</b>	<b>2380'</b>	<b>2500'</b>
<b>Gantz</b>	<b>2500'</b>	<b>2510'</b>
<b>Shale</b>	<b>2510'</b>	<b>2710'</b>
<b>Gordon</b>	<b>2710'</b>	<b>2722'</b>
<b>Shale</b>	<b>2722'</b>	<b>2969'</b>
<b>TD</b>		<b>2969'</b>

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