

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

Well Operator's Report of Well Work

Farm Name: **Robert Bland** Operator Well No. : **Eight (8)**

LOCATION: Elevation: **1332** Quadrangle: **Smithburg 7.5**  
 District: **New Milton** County: **Doddridge**  
 Latitude: **39.26824** Feet South of **39** Deg. **16** Min. **57** Sec.  
 Longitude: **80.70489** Feet West of **80** Deg. **42** Min. **17.6** Sec.

Company:	<b>KEY OIL COMPANY</b> <b>22 GARTON PLAZA</b> <b>WESTON, WV 26452</b>	Casing & Tubing Size	Used In Drilling	Left In Well	Cement Fill Up Cu Ft
Agent:	<b>Jan E. Chapman</b>				
Inspector:	<b>Dave Scranage</b>	<b>11"</b>	<b>32'</b>	<b>32'</b>	<b>N/A</b>
Permit Issued:	<b>9-30-11</b>				
Well Work Commenced:	<b>11-10-11</b>	<b>9-5/8"</b>	<b>294'</b>	<b>294'</b>	<b>135 sks. CTS</b>
Well Work Completed:	<b>12-02-11</b>				
Verbal Plugging	<b>N/A</b>	<b>7"</b>	<b>1729'</b>	<b>1729'</b>	<b>270 sks. CTS</b>
Permission granted on:	<b>10-30-11</b>				
Rotary X Cable Rig		<b>4-1/2"</b>	<b>5579'</b>	<b>5579'</b>	<b>260 sks. CT 2500'</b>
Total Depth ( feet )	<b>5630'</b>				
Fresh water depths ( ft )	<b>90'</b>				
Salt water depths ( ft )	<b>1200'</b>				
Is coal being mined in area ( Y / N )?	<b>No</b>				
Coal Depths ( ft ):	<b>NA</b>				

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 Office of Oil & Gas

MAY 09 2012

WV Department of  
 Environmental Protection

OPEN FLOW DATA **Alexander** **5344-5408**  
**Benson & Riley** **4888-5068**  
**Bradford** **4560-4614**


Producing formation **Warren & Speechly** Pay zone depth ( ft ) **3414-3514**

Gas: Initial open flow	<b>100</b>	MCF / D	Oil: Initial open flow	<b>Show</b>	Bbl / D
Final open flow	<b>1007</b>	MCF / D	Oil: Final open flow	<b>1</b>	Bbl / D
Time of open flow between initial and final tests	<b>24</b>				Hours
Static rock pressure	<b>1490</b>	psig ( surface pressure ) after	<b>24</b>		Hours

**All Formations Comingled.**

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

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:  **PRESIDENT**  
 Date: **December 19, 2011**

Robert Bland #8 (47-017-06036)

**TREATMENT:**

Alexander	(24 holes) 5344-5408	sand, water and N2: 30,000# 20/40 sand, 300,000 SCF N2 155 bbls. water
Benson & Riley	(22 holes) 4888-5068	sand, water and N2: 40,000# 20/40 sand, 7,000# 80/100 sand, 380,000 SCF N2, 195 bbls. water
Bradford	(20 holes) 4560-4614	sand, water and N2: 30,000# 20/40 sand, 5,000# 80/100 sand, 300,000 SCF N2, 160 bbls. water
Warren & Spechly	(22 holes) 3414-3514	sand, water and N2: 30,000# 20/40 sand, 5,000# 80/100 sand, 300,000 SCF N2, 150 bbls. water

**FORMATIONS:**

Sand & Shale	0'	1850'
Little Lime	1850'	1880'
Big Lime	1880'	1950'
Shale	1950'	2000'
Big Injun	2000'	2150'
Sand & Shale	2150'	2330'
Weir	2330'	2400'
Sand & Shale	2400'	2750'
Gordon	2750'	2760'
Shale	2760'	3410'
Warren	3410'	3510'
Sand & Shale	3510'	4550'
Bradford	4550'	4620'
Shale	4620'	4880'
Riley	4880'	4980'
Shale	4980'	5060'
Benson	5060'	5070'
Shale	5070'	5340'
Alexander	5340'	5408'
Shale	5408'	5520'
TD		5520'