

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

Well Operator's Report of Well Work

Farm Name: **Porter Maxwell** Operator Well No. : **Fifteen (15)**

LOCATION: Elevation: **1200** Quadrangle: **New Milton 7.5**  
District: **New Milton** County: **Doddridge**  
Latitude: **39.208751** Feet South of **39** Deg. **12** Min. **31.50** Sec.  
Longitude: **80.745248** Feet West of **80** Deg. **44** Min. **42.9** Sec.

Company:	<b>KEY OIL COMPANY 22 GARTON PLAZA 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>Pulled</b>	<b>N/A</b>
Permit Issued:	<b>3-01-11</b>				
Well Work Commenced:	<b>9-09-11</b>	<b>9-5/8"</b>	<b>126'</b>	<b>126'</b>	<b>60 sks. CTS</b>
Well Work Completed:	<b>9-14-11</b>				
Verbal Plugging	<b>N/A</b>	<b>7"</b>	<b>1438'</b>	<b>1438'</b>	<b>225 sks. CTS</b>
Permission granted on:	<b>4-29-11</b>				
Rotary X Cable Rig		<b>4-1/2"</b>	<b>2907'</b>	<b>2907'</b>	<b>170 sks. ETOC 1000'</b>
Total Depth ( feet )	<b>2984'</b>				
Fresh water depths ( ft )	<b>50' &amp; 120'</b>				
Salt water depths ( ft )	<b>1500'</b>				
Is coal being mined in area ( Y / N )?	<b>No</b>				
Coal Depths ( ft ):	<b>None</b>				

RECEIVED  
OCT 10 2011  
NOV 02 2011  
WV DEPARTMENT OF ENVIRONMENTAL PROTECTION

OPEN FLOW DATA **Gordon & Gantz** **2454-2682**  
**Weir** **2252-2322**  
**Injun** **2082-2092**

Producing formation **Blue Monday** Pay zone depth ( ft ) **1926-1940**

Gas: Initial open flow	<b>115</b>	MCF / D	Oil: Initial open flow	<b>Show</b>	Bbl / D
Final open flow	<b>839</b>	MCF / D	Oil: Final open flow	<b>2</b>	Bbl / D
Time of open flow between initial and final tests	<b>24</b>				Hours
Static rock pressure	<b>300</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			Hours

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: **September 26, 2011**

Porter Maxwell #15 (47-017-05933)

TREATMENT:

Gordon & Gantz	(20 holes) 2454-2682	sand, water and N2: 30,300# 20/40 sand, 280,000 SCF N2 174 bbls. water
Weir	(21 holes) 2252-2322	sand, water and N2: 20,200# 20/40 sand, 238,000 SCF N2 140 bbls. water
Injun	(20 holes) 2082-2092	sand, water and N2: 30,000# 20/40 sand, 279,000 SCF N2 177 bbls. water
Blue Monday	(20 holes) 1926-1940	sand, water and N2: 28,000# 20/40 sand, 242,000 SCF N2 170 bbls. water

FORMATIONS:

Sand & Shale	0'	1200'
Shale	1200'	1620'
Salt Sands	1620'	1640'
Shale	1640'	1880'
Little Lime	1880'	1900'
Blue Monday	1900'	1960'
Big Lime	1960'	2030'
Injun	2030'	2100'
Shale	2100'	2240'
Weir	2240'	2330'
Sand & Shale	2330'	2450'
Gantz	2450'	2460'
Shale	2460'	2660'
Gordon	2660'	2690'
Shale	2690'	2984'
TD		2984'