

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

Well Operator's Report of Well Work

Farm Name: **Targa Maxwell** Operator Well No. : **Four (4)**

LOCATION: Elevation: **1012** Quadrangle: **New Milton 7.5**
District: **New Milton** County: **Doddridge**
Latitude: **39.23674** Feet South of **39** Deg. **14** Min. **12.3** Sec.
Longitude: **80.72633** Feet West of **80** Deg. **43** Min. **34.8** Sec.

Company:	KEY OIL COMPANY 22 GARTON PLAZA WESTON, WV 26452	Casing & Tubing Size	Used In Drilling	Left In Well	Cement Fill Up Cu Ft
Agent:	Jan E. Chapman				
Inspector:	Dave Scranage	11"	35'	Pulled	N/A
Permit Issued:	11-18-11				
Well Work Commenced:	01-19-12	9-5/8"	252'	252'	100 sks. CTS
Well Work Completed:	01-24-12				
Verbal Plugging	N/A	7"	1183'	1183'	160 sks. CTS
Permission granted on:	11-23-11				
Rotary X Cable Rig		4-1/2"	2761'	2761'	150 sks. CT 1000'
Total Depth (feet)	2821'				
Fresh water depths (ft)	90',110'				
Salt water depths (ft)	1260'				
Is coal being mined in area (Y / N)?	No				
Coal Depths (ft):	NA				

OPEN FLOW DATA **Gordon & Gantz** **2260-2486**
Weir **2054-2119**
Injun **1890-1896**

Producing formation **Blue Monday** Pay zone depth (ft) **1760-1770**
Gas: Initial open flow **73** MCF / D Oil: Initial open flow **Show** Bbl / D
Final open flow **671** MCF / D Oil: Final open flow **2** Bbl / D
Time of open flow between initial and final tests **24** Hours
Static rock pressure **650** psig (surface pressure) after **24** 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: 

PRESIDENT

Date: **February 2, 2012**

Maxwell #4 (47-017-06048)

TREATMENT:

Gordon & Gantz	(20 holes) 2260-2486	sand, water and N2: 30,000# 20/40 sand, 286,000 SCF N2, 178 bbl. water
Weir	(20 holes) 2054-2119	sand, water and N2: 30,000# 20/40 sand, 292,000 SCF N2, 176 bbl. water
Injun	(20 holes) 1890-1896	sand, water and N2: 20,000# 20/40 sand, 224,000 SCF N2, 136 bbl. water
Blue Monday	(20 holes) 1760-1770	sand, water and N2: 16,000# 20/40 sand, 213,000 SCF N2, 140 bbl. water

FORMATIONS:

Sand & Shale	0'	1230'
Salt Sand	1230'	1310'
Sand & Shale	1310'	1500'
Salt Sand	1500'	1600'
Sand	1600'	1760'
Blue Monday	1760'	1770'
Lime	1770'	1850'
Injun	1850'	1900'
Sand & Shale	1900'	2050'
Weir	2050'	2130'
Shale	2130'	2260'
Gantz	2260'	2265'
Shale	2265'	2480'
Gordon	2480'	2490'
Shale	2490'	2820'
TD		2821'