

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. : **Five (5)**

LOCATION: Elevation: **1104** Quadrangle: **New Milton 7.5**
 District: **New Milton** County: **Doddridge**
 Latitude: **39.23795** Feet South of **39** Deg. **14** Min. **16.6** Sec.
 Longitude: **80.72995** Feet West of **80** Deg. **43** Min. **47.8** 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:	12-15-11				
Well Work Commenced:	01-10-12	9-5/8"	335'	335'	120 sks. CTS
Well Work Completed:	01-15-12				
Verbal Plugging	N/A	7"	1187'	1187'	160 sks. CTS
Permission granted on:	12-20-11				
Rotary X Cable Rig		4-1/2"	2776'	2776'	150 sks. CT 1000'
Total Depth (feet)	2889'				
Fresh water depths (ft)	90'				
Salt water depths (ft)	1290'				
Is coal being mined in area (Y / N)?	No				
Coal Depths (ft):	NA				

OPEN FLOW DATA **Gordon & Gantz** **2336-2566**
Weir **2132-2196**

Producing formation **Injun** Pay zone depth (ft) **1955-1972**
 Gas: Initial open flow **90** MCF / D Oil: Initial open flow **Show** Bbl / D
 Final open flow **1233** MCF / D Oil: Final open flow **3** Bbl / D
 Time of open flow between initial and final tests **24** Hours
 Static rock pressure **480** 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: **January 31, 2012**

Maxwell #5 (47-017-06049)

TREATMENT:

Gordon & Gantz	(20 holes) 2336-2566	sand, water and N2: 30,000# 20/40 sand, 285,000 SCF N2, 179 bbl. water
Weir	(20 holes) 2132-2196	sand, water and N2: 30,000# 20/40 sand, 297,000 SCF N2, 177 bbl. water
Injun	(20 holes) 1955-1972	sand, water and N2: 30,000# 20/40 sand, 280,000 SCF N2, 183 bbl. water

FORMATIONS:

Sand & Shale	0'	1300'
Salt Sand	1300'	1390'
Sand & Shale	1390'	1570'
Salt Sand	1570'	1610'
Shale	1610'	1790'
Little Lime	1790'	1850'
Big Lime	1850'	1920'
Injun	1920'	1975'
Shale	1975'	2130'
Weir	2130'	2210'
Sand & Shale	2210'	2330'
Gantz	2330'	2340'
Shale	2340'	2540'
Gordon	2540'	2570'
Shale	2570'	2887'
TD		2887'