

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. : **Eight (8)**

LOCATION: Elevation: **1141** Quadrangle: **New Milton 7.5**
 District: **New Milton** County: **Doddridge**
 Latitude: **39.22970** Feet South of **39** Deg. **13** Min. **46.9** Sec.
 Longitude: **80.73029** Feet West of **80** Deg. **15** Min. **00.0** 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" | 32' | 32' | Sanded In |
| Permit Issued: | 07-27-12 | | | | |
| Well Work Commenced: | 10-14-12 | 9-5/8" | 252' | 252' | 75 sks. CTS |
| Well Work Completed: | 10-19-12 | | | | |
| Verbal Plugging | N/A | 7" | 1223' | 1223' | 170 sks. CTS |
| Permission granted on: | 08-15-12 | | | | |
| Rotary X Cable Rig | | 4-1/2" | 2778' | 2778' | 160 sks. ETOC 1100' |
| Total Depth (feet) | 2860' | | | | |
| Fresh water depths (ft) | 170' | | | | |
| Salt water depths (ft) | 1400' | | | | |
| Is coal being mined in area (Y / N)? | No | | | | |
| Coal Depths (ft): | NA | | | | |

OPEN FLOW DATA

Gantz/Gordon **2380-2610**
Weir **2176-2240**
Injun **2006-2018**
Keener **1952-1960**

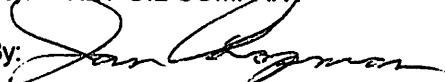
Producing formation **Blue Monday** Pay zone depth (ft) **1870-1896**
 Gas: Initial open flow **119** MCF / D Oil: Initial open flow **Show** Bbl / D
 Final open flow **1061** MCF / D Oil: Final open flow **2** Bbl / D
 Time of open flow between initial and final tests **24** Hours
 Static rock pressure **1000** 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: **December 5, 2012**

Targa Maxwell #8 (47-017-06131)

TREATMENT:

| | |
|--|---|
| Gordon/Gantz (19 holes) 2380-2610 | sand, water and N2: 30,000# 20/40 sand, 280,000 SCF N2, 181 bbl. water |
| Weir (25 holes) 2176-2240 | sand, water and N2: 20,000# 20/40 sand, 257,000 SCF N2, 147 bbl. water |
| Injun (20 holes) 2006-2018 | sand, water and N2: 20,000# 20/40 sand, 230,000 SCF N2, 143 bbl. water |
| Keener (20 holes) 1952-1960 | sand, water and N2: 3,000# 20/40 sand, 201,000 SCF N2, 91 bbl. water |
| Blue Monday (20 holes) 1870-1896 | sand, water and N2: 15,000# 20/40 sand, 235,000 SCF N2, 141 bbl. water |

FORMATIONS:

| | | |
|-------------------------|--------------|--------------|
| Sand & Shale | 0' | 1230' |
| Shale | 1230' | 1630' |
| Maxton | 1630' | 1680' |
| Shale | 1680' | 1840' |
| Little Lime | 1840' | 1870' |
| Blue Monday | 1870' | 1900' |
| Big Lime | 1900' | 1950' |
| Keener | 1950' | 1960' |
| Sand | 1960' | 1990' |
| Injun | 1990' | 2020' |
| Sand & Shale | 2020' | 2170' |
| Weir | 2170' | 2260' |
| Shale | 2260' | 2380' |
| Gantz | 2380' | 2390' |
| Shale | 2390' | 2590' |
| Gordon | 2590' | 2610' |
| Shale | 2610' | 2860' |
| TD | | 2860' |

01/11/2013