

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

Well Operator's Report of Well Work

Farm Name: **Windon** Operator Well No. : **One (1)**
LOCATION: Elevation: **1090'** Quadrangle: **New Milton**
District: **New Milton** County: **Doddridge**
Latitude: **39.22907** Feet South of **30** Deg. **13** Min. **44.7** Sec.
Longitude: **80.45231** Feet West of **80** Deg. **72** Min. **30.8** Sec.

Company: **Key Oil Company** Casing Used Left Cement
22 Garton Plaza & In In Fill Up
Weston, WV 26452 Tubing Drilling Well Cu Ft
Size
Agent: **Jan Chapman** 11" 32' pulled N/A
Inspector: **Douglas Newlon**
Permit Issued: **04-10-2013** 9-5/8" 168' 168' 90 sks.
Well Work Commenced: **07-16-2013** 7" 1101' 1101' 175 sks.
Well Work Completed: **07-21-2013**
Verbal Plugging **N/A**
Permission granted on: **06-15-2013** 4-1/2" 2748' 2748' 160 sks.
Rotary Cable Rig X ETC 1200'
Total Depth (feet) **2860'**
Fresh water depths (ft) **90'**
Salt water depths (ft) **900'**
Is coal being mined in area (Y / N)? **No**
Coal Depths (ft): **N/A**

OPEN FLOW DATA

Gantz & Gordon 2384-2610
Weir 2194-2254
Injun 2008-2018
Blue Monday 1880-1890
Producing formation Pay zone depth (ft)
Gas: Initial open flow **103** MCF / D Oil: Initial open flow **Show** Bbl / D
Final open flow **581** MCF / D Oil: Final open flow **2** Bbl / D
Time of open flow between initial and final tests **72** Hours
Static rock pressure **1250** psig (surface pressure) after **72** 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

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Office of Oil and Gas
SEP 3 2013
WV Department of
Environmental Protection

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: **August 12, 2013**

17.06241

Windon #1 (47-017-06241)

TREATMENT:

Gantz & Gordon	(20 holes) 2384' – 2610'	sand, water and N2: 25,300# 20/40 sand, 308,000 SCF N2 212 bbl. water
Weir	(22 holes) 2194' – 2254'	sand, water and N2: 20,000# 20/40 sand, 203,000 SCF N2 132 bbl. water
Injun	(20 holes) 2008' – 2018'	sand, water and N2: 20,000# 20/40 sand, 174,000 SCF N2 113 bbl. water
Blue Monday	(20 holes) 1880' – 1890'	sand, water and N2: 12,000# 20/40 sand, 200,000 SCF N2 135 bbl. water

FORMATIONS:

Sand & Shale	0'	1200'
Salt Sand	1200'	1270'
Sand & Shale	1270'	1880'
Blue Monday	1880'	1890'
Big Lime	1890'	1960'
Keener	1960'	1970'
Injun	1970'	2030'
Shale	2030'	2170'
Weir	2170'	2270'
Shale	2270'	2370'
Gantz	2370'	2380'
Sand & Shale	2380'	2600'
Gordon	2600'	2610'
Shale	2610'	2860'
TD		2860'

10/11/2013