

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

Well Operator's Report of Well Work

Farm Name: **Frank Maxwell** Operator Well No. : **One A (1A)**

LOCATION: Elevation: **1142** Quadrangle: **New Milton 7.5**
 District: **New Milton** County: **Doddridge**
 Latitude: **39.23615** Feet South of **39** Deg. **14** Min. **10.1** Sec.
 Longitude: **80.70716** Feet West of **80** Deg. **42** Min. **25.8** 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"	32'	pulled	N/A
Permit Issued:	03-20-12				
Well Work Commenced:	08-21-12	9-5/8"	168'	168'	70 sks. CTS
Well Work Completed:	08-28-12				
Verbal Plugging	N/A	7"	1280'	1280'	170 sks. CTS
Permission granted on:	06-15-12				
Rotary X Cable Rig		4-1/2"	2937'	2937'	160 sks. ETOC 1100'
Total Depth (feet)	2972'				
Fresh water depths (ft)	115'				
Salt water depths (ft)	1300'				
Is coal being mined in area (Y / N)?	No				
Coal Depths (ft):	NA				

OPEN FLOW DATA **Gantz & Gordon** **2472-2692**
Weir **2310-2340**
Injun **2108-2116**
Keener **2048-2056**
 Producing formation **Blue Monday** Pay zone depth (ft) **1954-1964**

Gas: Initial open flow **119** MCF / D Oil: Initial open flow **Show** Bbl / D
 Final open flow **919** MCF / D Oil: Final open flow **Show** Bbl / D
 Time of open flow between initial and final tests **24** Hours
 Static rock pressure **1010** 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

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 Office of Oil & Gas
 SEP 17 2012
 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: **September 12, 2012**

Frank Maxwell #1A (47-017-06109)

TREATMENT:

Gantz & Gordon	(20 holes) 2472-2692	sand, water and N2: 30,000# 20/40 sand, 300,000 SCF N2, and 175 bbl. water
Weir	(20 holes) 2310-2340	sand, water and N2: 20,000# 20/40 sand, 250,000 SCF N2, and 139 bbl. water
Injun	(20 holes) 2108-2116	sand, water and N2: 20,000# 20/40 sand, 236,000 SCF N2, and 140 bbl. water
Keener	(20 holes) 2048-2056	sand, water and N2: 12,500# 20/40 sand, 196,000 SCF N2, and 108 bbl. water
Blue Monday	(20 holes) 1954-1964	sand, water and N2: 30,000# 20/40 sand, 319,000 SCF N2, and 162 bbl. water

FORMATIONS:

Sand & Shale	0'	1260'
Shale	1260'	1740'
Salt Sands	1740'	1750'
Shale	1750'	1930'
Little Lime	1930'	1940'
Blue Monday	1940'	1980'
Shale	1980'	2040'
Keener	2040'	2060'
Injun	2060'	2120'
Sand & Shale	2120'	2290'
Weir	2290'	2340'
Shale	2340'	2470'
Gantz	2470'	2480'
Shale	2480'	2680'
Gordon	2680'	2692'
Shale	2692'	2972'
TD		2972'