

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

Well Operator's Report of Well Work

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

LOCATION: Elevation: **1105** Quadrangle: **Smithburg 7.5**
District: **New Milton** County: **Doddridge**
Latitude: **39.25459** Feet South of **39** Deg. **15** Min. **16.5** Sec.
Longitude: **80.71878** Feet West of **80** Deg. **43** Min. **7.6** 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:	David Scranage	11"	32'	Pulled	N/A
Permit Issued:	4-27-11				
Well Work Commenced:	7-15-11	9-5/8"	126'	126'	60 sks. CTS
Well Work Completed:	7-19-11				
Verbal Plugging	N/A	7"	1226'	1226'	180 sks. CTS
Permission granted on:	7-10-11				
Rotary X Cable Rig		4-1/2"	2733'	2733'	130 sks. CT 2100'
Total Depth (feet)	2768'				
Fresh water depths (ft)	80'				
Salt water depths (ft)	1200'				
Is coal being mined in area (Y / N)?	No				
Coal Depths (ft):	No				

OPEN FLOW DATA **Gordon & Gantz** **2304-2536**
Injun **1930-1940**
Producing formation **Blue Monday** Pay zone depth (ft) **1780-1790**

Gas: Initial open flow	75	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	24				Hours
Static rock pressure	160	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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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: 

PRESIDENT

Date: **August 1, 2011**

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For: **KEY OIL COMPANY**By: 

PRESIDENT

Date: **August 1, 2011**

McCamey #4 (47-017-06018)

TREATMENT:

Gordon & Gantz	(20 holes) 2304-2536	sand, water and N2: 30,000# 20/40 sand, 259,000 SCF N2 180 bbls. water
Injun	(20 holes) 1930-1940	sand, water and N2: 30,000# 20/40 sand, 183,000 SCF N2 180 bbls. water
Blue Monday	(20 holes) 1780-1790	sand, water and N2: 25,200# 20/40 sand, 231,000 SCF N2 166 bbls. water

FORMATIONS:

Sand & Shale	0'	1100'
Sand	1100'	1760'
Little Lime	1760'	1775'
Blue Monday	1775'	1800'
Big Lime	1800'	1850'
Big Injun	1850'	1930'
Sand & Shale	1930'	2080'
Weir	2080'	2190'
Shale	2190'	2300'
Gantz	2300'	2310'
Sand & Shale	2310'	2530'
Gordon	2530'	2555'
Sand & Shale	2555'	2761'
TD		2761'