

SEP 10 2012

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

WV Department of
Environmental Protection

Well Operator's Report of Well Work

Farm Name: **Carolyn Farr**

Operator Well No. : **Three (3)**

LOCATION: Elevation: **1288** Quadrangle: **New Milton 7.5**
District: **New Milton** County: **Doddridge**
Latitude: **39.17436** Feet South of **39** Deg. **10** Min. **27.7** Sec.
Longitude: **80.74624** Feet West of **80** Deg. **44** Min. **46.5** Sec.

Company:	KEY OIL COMPANY	Casing	Used	Left	Cement
	22 GARTON PLAZA	&	In	In	Fill Up
	WESTON, WV 26452	Tubing	Drilling	Well	Cu Ft
		<u>Size</u>	<u> </u>	<u> </u>	<u> </u>
Agent:	Jan E. Chapman				
Inspector:	Dave Scranage	11"	35'	Pulled	N/A
Permit Issued:	02-21-12				
Well Work Commenced:	07-02-12	9-5/8"	210'	210'	90 sks. CTS
Well Work Completed:	07-13-12				
Verbal Plugging	N/A	7"	2167'	2167'	300 sks. CTS
Permission granted on:	06-20-12				
Rotary X Cable Rig		4-1/2"	5667'	5667'	300 sks. CT 1620'
Total Depth (feet)	5733'				
Fresh water depths (ft)	95'				
Salt water depths (ft)	1480'				
Is coal being mined in area (Y / N)?	No				
Coal Depths (ft):	NA				

OPEN FLOW DATA **Alexander** **5446-5549**
Benson/Riley **5086-5184**
Riley/Bradford **4292-4960**


Producing formation **Speechley/Warren** Pay zone depth (ft) **3556-3800**
Gas: Initial open flow **210** MCF / D Oil: Initial open flow **Show** Bbl / D
Final open flow **1210** MCF / D Oil: Final open flow **Show** Bbl / D
Time of open flow between initial and final tests **24** Hours
Static rock pressure **1550** 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: **August 1, 2012**

10/05/2012

TREATMENT:

Alexander	(22 holes) 5446-5549	sand, water and N2: 5,000# 80/100 sand, 25,000# 20/40 sand, 344,000 SCF N2, and 177 bbl. water
Benson & Riley	(20 holes) 5086-5184	sand, water and N2: 5,000# 80/100 sand, 25,000# 20/40 sand, 393,000 SCF N2, 204 bbl. water
Riley & Bradford	(21 holes) 4292-4960	sand, water and N2: 5,000# 80/100 sand, 25,000# 20/40 sand, 370,000 SCF N2, 181 bbl. water
Speechley & Warren	(21 holes) 3556-3800	sand, water and N2: 37,000# 20/40 sand, 316,000 SCF N2, 210 bbl. water

FORMATIONS:

Sand & Shale	0'	2190'
Blue Monday	2190'	2200'
Sand	2200'	2300'
Injun	2300'	2350'
Sand & Shale	2350'	2500'
Weir	2500'	2570'
Shale	2570'	2670'
Gantz	2670'	2680'
Shale	2680'	2900'
Gordon	2900'	2910'
Speechley	2910'	3800'
Sand & Shale	3800'	4290'
Balltown	4290'	4500'
Sand & Shale	4500'	4950'
Riley	4950'	4960'
Sand	4960'	5090'
Benson	5090'	5170'
Shale	5170'	5180'
Alexander	5180'	5550'
Shale	5550'	5733'
TD		5733'