

October 1, 2012

API # 47-017-06124

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

Well Operator's Report of Well Work



Farm Name: **Vada Barnett** Operator Well No. : **Two (2)**

LOCATION: Elevation: **1053** Quadrangle: **New Milton 7.5**
District: **New Milton** County: **Doddridge**
Latitude: **39.18403** Feet South of **39** Deg. **11** Min. **02.5** Sec.
Longitude: **80.74942** Feet West of **80** Deg. **44** Min. **57.9** Sec.

Company:	KEY OIL COMPANY	Casing & Tubing Size	Used In Drilling	Left In Well	Cement Fill Up Cu Ft
	22 GARTON PLAZA				
	WESTON, WV 26452				
Agent:	Jan E. Chapman				
Inspector:	Dave Scranage	13-3/8"	33'	pulled	N/A
Permit Issued:	06-10-12				
Well Work Commenced:	09-10-12	9-5/8"	252'	252'	100 sks. CTS
Well Work Completed:	09-15-12				
Verbal Plugging	N/A	7"	1198'	1198'	170 sks. CTS
Permission granted on:	05-10-12				
Rotary X Cable Rlg		4-1/2"	2845'	2845'	150 sks. ETOC 1100'
Total Depth (feet)	2883'				
Fresh water depths (ft)	100'				
Salt water depths (ft)	1400'				
Is coal being mined in area (Y / N)?	No				
Coal Depths (ft):	NA				

OPEN FLOW DATA	Gordon & Gantz	2386-2616
	Weir	2202-2256
	Injun	2020-2048
	Keener	1972-1978

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MAR 10 2015

Producing formation	Blue Monday	Pay zone depth (ft)	1894-1904	
Gas: Initial open flow	90	MCF / D	Oil: Initial open flow	Show
Final open flow	671	MCF / D	Oil: Final open flow	Show
Time of open flow between initial and final tests	24			Hours
Static rock pressure	600	psig (surface pressure) after	24	Hours

WV Department of
Environmental Protection

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: *Jan E. Chapman*

PRESIDENT

Date: **October 1, 2012**

03/20/2015

Vada Barnett #2 47 - 017 - 06124

TREATMENT:

Gordon & Gantz	(20 holes) 2386-2616	sand, water and N2: 30,000# 20/40 sand, 304,000 SCF N2, and 175 bbl. water
Weir	(25 holes) 2202-2256	sand, water and N2: 20,100# 20/40 sand, 285,000 SCF N2, and 143 bbl. water
Injun	(20 holes) 2020-2048	sand, water and N2: 20,000# 20/40 sand, 243,000 SCF N2, and 137 bbl. water
Keener	(20 holes) 1972-1978	sand, water and N2: 20,000# 20/40 sand, 266,000 SCF N2, and 159 bbl. water
Blue Monday	(20 holes) 1894-1904	sand, water and N2: 20,000# 20/40 sand, 330,000 SCF N2, and 197 bbl. water

FORMATIONS:

Sand & Shale	0'	1100'
Shale	1100'	1850'
Little Lime	1850'	1880'
Blue Monday	1880'	1910'
Sand	1910'	1970'
Keener	1970'	2000'
Injun	2000'	2050'
Sand & Shale	2050'	2200'
Weir	2200'	2270'
Shale	2270'	2380'
Gantz	2380'	2390'
Shale	2390'	2610'
Gordon	2610'	2620'
Shale	2620'	2883'
TD	2883'	