

August 29, 2010

API # 47 - 017- 05963

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

Well Operator's Report of Well Work

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

LOCATION: Elevation: **1138** Quadrangle: **New Milton**
District: **New Milton** County: **Doddridge**
Latitude: **7,820** Feet South of **39** Deg. **15** Min. **00** Sec.
Longitude: **2,825** Feet West of **80** Deg. **42** Min. **30** 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
9-5/8"	136	136	70 Cu Ft
7"	1066	1066	203 Cu Ft
4-1/2"		5432	329 Cu Ft

Agent: **Jan E. Chapman**Inspector: **David Scranage**Permit Issued: **07-12-10**Well Work Commenced: **08-12-10**Well Work Completed: **08-23-10**

Verbal Plugging

Permission granted on:

Rotary X Cable Rig

Total Depth (feet) **5500'**Fresh water depths (ft) **NR**Salt water depths (ft) **NR**Is coal being mined in area (Y / N)? **No**Coal Depths (ft): **NR**

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Office of Oil & Gas

MAY 09 2012

OPEN FLOW DATA **Alexander**
Benson
Riley
Balltown

5253-5320**4971-4976****4504-4889****3827-4482****3323-3576**

Producing formation **Warren** Pay zone depth (ft)
Gas: Initial open flow **Show** MCF / D Oil: Initial open flow **Show** Bbl / D
Final open flow **2,232** MCF / D Oil: Final open flow **Show** Bbl / D
Time of open flow between initial and final tests **N/A** Hours

Static rock pressure **1,400** psig (surface pressure) after **48** 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 29, 2010**

05/11/2012

B. Sutton No. 4 (47-017-05963)

TREATMENT:

Alexander 5108-5316 (15 Holes)

500 GA, 60,000# 20/40 Sand & 817 Bbls. 60 Quality Foam

Benson & Riley 4846-4972 (13 Holes)

750 GA, 5,000# 80/100 Sand, 30,000# 20/40 Sand & 662 Bbls. 60 Quality Foam

Riley & Balltown 3828-4516 (14 Holes)

750 GA, 5,000# 80/100 Sand, 25,000# 20/40 Sand & 562 Bbls. 60 Quality Foam

Upper Balltown & Warren 3323-3574 (15 Holes)

750 GA, 5000# 80/100 Sand, 45,000# 20/40 Sand & 689 Bbls. 60 Quality Foam

FORMATIONS:

Fill	0	6
Red Rock	6	10
Sand/Shale	10	1926
Little Lime	1926	1953
Big Lime	1953	2033
Sand/Shale	2033	2113
Big Injun	2113	2193
Sand/Shale	2193	2664
Gordon	2664	2744
Sand/Shale	2744	3332
Warren	3332	3717
Balltown	3717	4518
Riley	4518	4598
Sand/Shale	4598	5008
Benson	5008	5088
Sand/Shale	5088	5294
Alexander	5294	5364
Sand/Shale	5364	5500
RTD	5500	

Gas Ck @ 2226' - N/S

Gas Ck @ 2676' - N/S

Gas Ck @ 3306' - N/S

Gas Ck @ 4506' - N/S

Gas Ck @ 5016' - N/S

Gas Ck @ 5256' - N/S