

REC-100  
Office of Oil & Gas  
SEP 06 2011  
WV Department of  
Environmental Protection

August 29, 2011  
API # 47 - 017- 06009

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

Well Operator's Report of Well Work

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

LOCATION: Elevation: **1078** Quadrangle: **New Milton 7.5**  
District: **New Milton** County: **Doddridge**  
Latitude: **39.24089** Feet South of **39** Deg. **14** Min. **27.2** Sec.  
Longitude: **80.69761** Feet West of **39** Deg. **15** Min. **00** Sec.

Company:	<b>KEY OIL COMPANY</b>	Casing & Tubing Size	Used In Drilling	Left In Well	Cement Fill Up Cu Ft
	<b>22 GARTON PLAZA</b>				
	<b>WESTON, WV 26452</b>				
Agent:	<b>Jan E. Chapman</b>				
Inspector:	<b>Dave Scranage</b>	11"	32'	Pulled	N/A
Permit Issued:	<b>5-20-11</b>				
Well Work Commenced:	<b>8-09-11</b>	9-5/8"	126'	126'	60 sks. CTS
Well Work Completed:	<b>8-13-11</b>				
Verbal Plugging	<b>N/A</b>	7"	1058'	1058'	170 sks. CTS
Permission granted on:	<b>7-20-11</b>				
Rotary X Cable Rig		4-1/2"	2821'	2821'	160 sks. ETOC 1000'
Total Depth ( feet )	<b>2897'</b>				
Fresh water depths ( ft )	<b>280'</b>				
Salt water depths ( ft )	<b>1310'</b>				
Is coal being mined in area ( Y / N )?	<b>No</b>				
Coal Depths ( ft ):	<b>None</b>				

OPEN FLOW DATA **Gordon & Gantz** **2454-2668**  
**Weir** **2290-2308**  
**Injun/Keener** **2036-2090**

Producing formation **Blue Monday** Pay zone depth ( ft ) **1942-1952**  
Gas: Initial open flow **111** MCF / D Oil: Initial open flow **Show** Bbl / D  
Final open flow **628** MCF / D Oil: Final open flow **Show** Bbl / D  
Time of open flow between initial and final tests **24** Hours  
Static rock pressure **350** 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 29, 2011**

Stokes Hurst #4 (47-017-06009)

**TREATMENT:**

Gordon & Gantz	(20 holes) 2454-2668	sand, water and N2: 25,000# 20/40 sand, 263,000 SCF N2 152 bbls. water
Weir	(20 holes) 2290-2308	sand, water and N2: 21,000# 20/40 sand, 297,000 SCF N2 157 bbls. water
Injun/Keener	(18 holes) 2036-2090	sand, water and N2: 40,000# 20/40 sand, 441,000 SCF N2 260 bbls. water
Blue Monday	(20 holes) 1942-1952	sand, water and N2: 16,000# 20/40 sand, 196,000 SCF N2 119 bbls. water

**FORMATIONS:**

Sand & Shale	0'	1150'
Salt Sand	1150'	1174'
Shale	1174'	1900'
Little Lime	1900'	1935'
Blue Monday	1935'	1958'
Big Lime	1958'	1995'
Keener	1995'	2050'
Injun	2050'	2100'
Shale	2100'	2250'
Weir	2250'	2320'
Sand & Shale	2320'	2450'
Gantz	2450'	2460'
Shale	2460'	2650'
Gordon	2650'	2670'
Sand & Shale	2670'	2820'
TD		2820'