

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. : **Five (5)**


LOCATION: Elevation: **1205** Quadrangle: **New Milton 7.5**
District: **New Milton** County: **Doddridge**
Latitude: **39.24020** Feet South of **39** Deg. **14** Min. **24.7** Sec.
Longitude: **80.70163** Feet West of **39** Deg. **15** Min. **00** 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	11"	32'	Pulled	N/A
Inspector:	Dave Scranage				
Permit Issued:	5-20-11				
Well Work Commenced:	8-14-11	9-5/8"	126'	126'	70 sks. CTS
Well Work Completed:	8-19-11				
Verbal Plugging	N/A	7"	1222'	1222'	200 sks. CTS
Permission granted on:	7-20-11				
Rotary X Cable Rig		4-1/2"	2995'	2995'	170 sks. ETOC 900'
Total Depth (feet)	3019'				
Fresh water depths (ft)	80' & 120'				
Salt water depths (ft)	1275'				
Is coal being mined in area (Y / N)?	No				
Coal Depths (ft):	None				

OPEN FLOW DATA **Gordon & Gantz** **2538-2850**
Weir **2365-2386**
Injun **2144-2162**
Keener **2080-2103**
Producing formation **Blue Monday** Pay zone depth (ft) **2008-2018**
Gas: Initial open flow **79** MCF / D Oil: Initial open flow **Show** Bbl / D
Final open flow **978** MCF / D Oil: Final open flow **3** Bbl / D
Time of open flow between initial and final tests **24** Hours
Static rock pressure **400** 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: **September 1, 2011**

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Office of Oil & Gas

SEP 1 2 2011

WV Department of
Environmental Protection

Stokes Hurst #5 (47-017-06010)

TREATMENT:

Gordon & Gantz	(20 holes) 2538-2850	sand, water and N2: 30,000# 20/40 sand, 342,000 SCF N2 195 bbls. water
Weir	(20 holes) 2365-2386	sand, water and N2: 15,000# 20/40 sand, 240,000 SCF N2 123 bbls. water
Injun	(20 holes) 2144-2162	sand, water and N2: 25,000# 20/40 sand, 307,000 SCF N2 189 bbls. water
Keener	(20 holes) 2080-2103	sand, water and N2: 20,000# 20/40 sand, 289,000 SCF N2 138 bbls. water
Blue Monday	(20 holes) 2008-2018	sand, water and N2: 2,000# 20/40 sand, 168,000 SCF N2 65 bbls. water

FORMATIONS:

Sand & Shale	0'	1470'
Salt Sands	1470'	1590'
Shale	1590'	2000'
Little Lime	2000'	2004'
Blue Monday	2004'	2040'
Sand	2040'	2080'
Keener	2080'	2110'
Injun	2110'	2175'
Sand & Shale	2175'	2300'
Weir	2300'	2400'
Shale	2400'	2525'
Gantz	2525'	2540'
Sand	2540'	2730'
Gordon	2730'	2850'
Shale	2850'	3019'
TD		3019'