

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

Well Operator's Report of Well Work

Farm Name: STANLEY AND BETTYS GASKINS

Operator Well No. ASHBURN NO. 4

LOCATION: Elevation: 1113'

Quadrangle: WEST UNION

District: WEST UNION

County: DODDRIDGE

Latitude: 6850 Feet South of 39 Deg. 20 Min. 00 Sec.
Longitude: 5200 Feet West of 80 Deg. 45 Min. 00 Sec.

Company: KEY OIL COMPANY
22 GARTON PLAZA
WESTON, WV 26452-0000

Agent: JAN CHAPMAN

Inspector: MIKE UNDERWOOD
Permit Issued: 04/27/04
Well Work Commenced: 11/17/05
Well Work Completed: 11/28/05

Verbal Plugging
Permission granted on: _____
Rotary X Cable Rig
Total Depth (feet) 2682'
Fresh water depths (ft) 112', 120'
Salt water depths (ft) 1265'

Is coal being mined in area (Y / N)? N
Coal Depths (ft): 210' (14')

OPEN FLOW DATA

Keener
Big Injun
Gordon
Producing formation _____
Gas: Initial open flow 110 MCF / d Oil: Initial open flow 0 Bbl / d
Final open flow 2,316 MCF / d Oil: Final open flow show Bbl / d
Time of open flow between initial and final tests N/A Hours
Static rock pressure 300 psig (surface pressure) after 96 Hours

Second producing formation _____
Gas: Initial open flow Commingled MCF / d Oil: Initial open flow _____ Bbl / d
Final open flow Commingled 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: 
Date: May 23, 2006

RECEIVED
Office of Oil & Gas
Office of Chief
MAY 30 2006
WV Department
Environmental Protection

JUN 02 2006

DODD 4797

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 5/8"	842'	842'	190 sks To Surface
4 1/2"	2641'	2641'	250 sks.

Ashburn #4 (47-017-4797)
Two Stage Foam Frac - Universal Well Services

1 st Stage:	Gordon (15 holes) (2541' to 2556')	60 Quality Foam, 500 gal. 15% HCL., 25,000# 20/40 sand, 215,000 SCF N2, 235 bbis foam
2 nd Stage:	Big Injun (15 holes) (1919' to 1939') Keener (14 holes) (1840' to 1846')	60 Quality Foam, 500 gal 15% HCl, 35,000# 20/40 sand, 310,000 SCF N2, 315 bbis foam

	<u>WELL LOG</u>	
KB	0	
Clay	10	
Sand	12	
Red Rock	28	
Sand	108	
Sand & Shale	120	¾" water @ 112'
Coal	210	1" water @ 120'
Sand & Shale & Red Rock	224	
Sand	224	
Red Rock & Shale	476	
Sand	500	
Red Rock & Shale	575	
Shale & Red Rock	631	Damp @ 1265'
Sand	1258	
Little Lime	1725	
Big Lime	1769	
Keener	1818	
Big Injun	1818	
Shale	1844	
Weir	1931	
Shale	2088	
Berea	2181	
Sand & Shale	2300	
Gordon	2318	
Sand & Shale	2494	
TD	2546	
	2682	

Gas Checks
 1699' - Odor
 1840' - Oil Odor
 2005' - 16/10^{ths} 2" w/water
 2473' - 4/10^{ths} 2" w/water
 Collars - 4/10^{ths} 2" w/water

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