

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

Well Operator's Report of Well Work

RECEIVED

Farm name: Coastal Timber Lands Co.

Operator Well No.: Butcher # 4

AUG 31 2012

LOCATION: Elevation: 826'

Quadrangle: Gilmer 7.5

WV GEOLOGICAL SURVEY  
MORGANTOWN, WV

District: Court House

County: Lewis

Latitude: 3,000' Feet South of  
Longitude 6,800' Feet West of

38 Deg. 57 Min. 30 Sec.  
80 Deg. 37 Min. 30 Sec.

Company:

Horizon Energy Corporation	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address:				
Sand Fork Rd. Box 111 Sand Fork, WV 26430				
Agent: Robert R. Jones II				
Inspector: Joe McCourt	9 5/8	168	168	100 sks
Date Permit Issued: 06-13-2011				
Date Well Work Commenced: 08-07-2012	6 5/8	840	840	145 sks
Date Well Work Completed: 08-12-2012				
Verbal Plugging:	4 1/2	2855	2654	85 sks
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 2855				
Fresh Water Depth (ft.): N/A				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): N/A				

OPEN FLOW DATA

Producing formation Gordan Sand Pay zone depth (ft) 2549-2553 ft.  
Gas: Initial open odor MCF/d Oil: Initial open flow\_show Bbl/d  
Final open flow 300 MCF/d Final open flow 5 Bbl/d  
Time of open flow between initial and final tests 8 Hours  
Static rock Pressure 450# psig (surface pressure) after 48 Hours

Second producing formation Injun Pay zone depth (ft) 2038-2053 ft.  
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d  
Final open flow MCF/d Final open flow Bbl/d  
Time of open flow between initial and final tests Hours  
Static rock Pressure psig (surface pressure) after Hours

\* = commingled zones

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,

Signed:

By: ROBERT R. JONES II, PRESIDENT  
Date: 8-30-2012

Butcher # 4  
47-041-05652  
08-16-2012

<u>Stage # 1</u>	<u>perfs</u>	<u>sand</u>	<u>avg_rate</u>	<u>isip</u>
Gordan	2549-2553	354 sks	27.1 bpm	# 2411

<u>Stage # 2</u>	<u>perfs</u>	<u>sand</u>	<u>avg_rate</u>	<u>isip</u>
Injun	2038-2053	503 sks	26.7 bpm	# 1279

Drillers Log

Clay	0	10
Sd/sh	10	30
Sd/sh	30	840
Sd/Sh	840	1824
LL	1824	1835
Sd/Sh	1835	1870
Bl	1870	2034
Injun	2034	2054
Sd/Sh	2054	2544
Gordan	2544	2554
Sd/Sh	2554	2855

Electric Log Tops

Big Lime	1870
Gordan	2544

gas ck @ 2142 = odor  
gas ck @ 2514 = odor  
gas ck @ 2823 = odor

Td 2855 ft. gas ck @ td =oil / gas odor