

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

Well Operator's Report of Well Work

Farm name: Coastal Forest Resources Company

Operator Well No.: Varner # 4-A

LOCATION: Elevation: 1,255'

Quadrangle: Gilmer 7.5

District: Glenville

County: Gilmer

Latitude: 5,200' Feet South of

38 Deg. 55 Min. 00 Sec.

Longitude 590' Feet West of

80 Deg. 42 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				
Date Permit Issued: 07/26/2011				
Date Well Work Commenced: 09/26/2011	6 5/8	800	759	140 sks
Date Well Work Completed: 09/30/2011				
Verbal Plugging:	4 1/2	3259	3216	100 sks
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 3259				
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 5th Sand Pay zone depth (ft) 3120-3128 ft.
 Gas: Initial open odor MCF/d Oil: Initial open flow odor Bbl/d
 Final open flow 240 MCF/d Final open flow 5 Bbl/d
 Time of open flow between initial and final tests 12 Hours
 Static rock Pressure 425# psig (surface pressure) after 48 Hours

Second producing formation Injun Pay zone depth (ft) 2464-2478 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

Date: 11-30-2011

Varner #4-A
47-021-05737
10-07-2011

<u>*Stage # 1</u>	<u>perfs</u>	<u>sand</u>	<u>avg_rate</u>	<u>isip</u>
5 th Sand	3120-3128	514 sks	28.8 bpm	# 2034

<u>*Stage #2</u>				
Injun	2464-2478	502 sks	31.3 bpm	# 987

*Drillers Log

Clay	0	10		
Sd/sh	10	673		
Sd	673	792		
Sd/Sh	792	2214		
LL	2214	2236		
Sd/Sh	2236	2256	gas ck @ 2204 = odor	
Bl	2256	2463	gas ck @ 2460 = odor	
Injun	2463	2478		
Sd/Sh	2478	3120		
5 th Sand	3120	3129		
Sd/Sh	3129	3259		

*Electric Log Tops

Big Lime	2256
5 th Sand	3120

*Td 3259 ft. gas ck @ td =oil / gas odor