

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 # 1-A

LOCATION: Elevation: 1,293'

Quadrangle: Gilmer 7.5

District: Glenville

County: Gilmer

Latitude: 4,920' Feet South of

38 Deg. 55 Min. 00 Sec.

Longitude 390' Feet West of

80 Deg. 40 Min. 00 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: 10/03/2011	6 5/8	800	759	130 sks
Date Well Work Completed: 10/07/2011				
Verbal Plugging:	4 1/2	3286	3208	90 sks
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 3286				
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) 3151-3156 ft.
 Gas: Initial open odor MCF/d Oil: Initial open flow odor Bbl/d
 Final open flow: 300 MCF/d Final open flow 4 Bbl/d
 Time of open flow between initial and final tests 11 Hours
 Static rock Pressure 320# psig (surface pressure) after 48 Hours

Second producing formation Injun Pay zone depth (ft) 2490-2500 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 #1-A
47-021-05734
10-14-2011

<u>*Stage # 1</u>	<u>perfs</u>	<u>sand</u>	<u>avg rate</u>	<u>isip</u>
5 th Sand	3151-3156	508 sks	28.87 bpm	# 1750

<u>*Stage #2</u>				
Injun	2490-2500	411 sks	31.7 bpm	# 1500

*Drillers Log

Clay	0	10	
Sd/sh	10	683	
Sd	683	800	
Sd/Sh	800	2250	
LL	2250	2280	
Sd/Sh	2280	2302	gas ck @ 2410 = odor
Bl	2302	2482	gas ck @ 2421 = odor
Injun	2482	2503	gas ck @ 2791 = odor
Sd/Sh	2503	3147	
5 th Sand	3147	3157	
Sd/Sh	3157	3286	

*Electric Log Tops

Big Lime	2302
5 th Sand	3147

*Td 3286 ft. gas ck @ td = oil / gas odor