

WR-35  
**RECEIVED**  
 Office of Oil & Gas  
**JUN 05 2009**  
 WV Department of  
 Environmental Protection

16-Sep-08  
 47-053-00527

**STATE OF WEST VIRGINIA**  
 Division of Environmental Protection  
 Office of Oil and Gas

*AS*

**WELL OPERATOR'S REPORT of WELL WORK**

Farm Name: TREVA CLUTTER Operator Well No.: NCEE-1107HS  
 Location: Elevation: 921 7.5' Quad.: ELMWOOD  
 District: UNION County: MASON  
 Latitude: 11,550 Feet South of 38 Deg. 45 Min. 00 Sec.  
 Longitude: 2,625 Feet West of 81 Deg. 50 Min. 00 Sec.

Company: **North Coast Energy Eastern, Inc.**  
 P. O. BOX 8  
 RAVENSWOOD, WV 26164

Agent: Jon Ullom

Inspector: Jamie Stevens  
 Permit Issued: 09/16/08  
 Well Work Commenced (spud): 10/23/08  
 Well Work Completed (T.D.): 10/28/08  
 Verbal Plugging  
 Permission Granted on:  
 Rotary  Cable  Rig  
 Total Depth (feet): TVD: 2745  
 Fresh Water Depths (feet):

Casing & Tubing (Size-O.D.)	Used in Drilling (feet)	Left in Well (feet)	Cement Type (sacks)
13 3/8	43	43	None
9 5/8"	261	261	105 SX
7"	2712	2712	440 SX

Salt Water Depths (feet):  
 Is coal being mined in area? No  
 Coal Depths (ft): None Found

**OPEN FLOW DATA**

Producing formation NA Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow 75 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

2nd producing form. NA Pay zone depth (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

\*Note: Initial Open-flows are natural flows without stimulation.

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 GEOLOGIC RECORD OF ALL FORMATIONS, INCLUDING COAL, ENCOUNTERED BY THE WELLBORE.

For: *Jon Ullom*  
**NORTH COAST ENERGY Eastern, Inc.**  
 By: Jon Ullom  
 Date: 1-Jun-09

WR-35  
(Reverse)

API / Permit #: 47-053-00527  
North Coast Well #: NCEE-1107HS  
Elevation: 921 GL 931 KB

---

---

**DETAILS OF PERFORATING, FRACTURING, OR PHYSICAL CHANGE, ETC.**

---

---

NO STIMULATION TO DATE HAS BEEN PLACED ON THIS WELL  
THIS WELL WILL BE DRILLED Laterally THROUGH THE HURON SHALE IN THE NEAR FUTURE

**WELL LOG**

ROCK TYPE OR FORMATION NAME	TOP (TVD)	BOTTOM (TVD)	REMARKS
SHALE & SAND	0	868	
SAND	868	902	
SHALE	902	1065	
SAND	1065	1089	
SHALE	1089	1139	
SALT SANDS	1139	1550	
BIG LIME (GREENBRIER)	1926	2066	
SHALE	2066	2159	
BIG INJUN SAND	2159	2231	
SHALE	2231	2537	
COFFEE SHALE (SUNBURY)	2537	2568	
BEREA SAND	2568	2578	
SHALE	2577		
"GREY" SHALE (CHAGRIN?)			
BROWN SHALE (LOWER HURON)			
TOTAL MEASURED DEPTH		2745	
TRUE VERTICAL DEPTH of Well Bottom at TD		2745	