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Office of Oil & Gas
JUN 05 2009
WV Department of
Environmental Protection

01-Aug-08
API#: 47-001-02982

JB

STATE OF WEST VIRGINIA
Division of Environmental Protection
Office of Oil and Gas
Initial Vertical Portion Of Hole
WELL OPERATOR'S REPORT OF WELL WORK

Farm Name: ROBERT R JONES Operator Well No.: WENTZ 4HS
Location: Elevation: 1597 7.5' Quad.: AUDRA
District: UNION County: BARBOUR
Latitude: 13,790 Feet South of 39 Deg. 05 Min. 00 Sec.
Longitude: 7,200 Feet West of 80 Deg. 05 Min. 00 Sec.

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

Agent: Jon Ullom

Inspector: Bill Hatfield
Permit Issued: 08/01/08
Well Work Commenced (spud): 09/17/08
Well Work Completed (T.D.): 11/14/08
Verbal Plugging
Permission Granted on:
Rotary X Cable Rig
Total Depth (feet): 9495 TMD
Fresh Water Depths (feet):
none
Salt Water Depths (feet):
none
Is coal being mined in area? No
Coal Depths (ft): None Found

Casing & Tubing (Size-O.D.)	Used in Drilling (feet)	Left in Well (feet)	Cement Type (sacks)
30" 24"	2.5 40	2.5 40	None 50 SX
16"	211	211	220 SX
10 3/4" 7 5/8"	1845 7880	1845 7880	975 SX 315 SX
4 1/2" & LINER	3729	3729	415 SX

OPEN FLOW DATA

Producing formation MARCELLUS Pay zone depth (ft) TVD:
Gas: Initial open flow MCF/D Oil: Initial open flow 4 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 24 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 #: 47-001-02982
 North Coast Well #: WENTZ 4HS
 Elevation: 1597 GL 1607 KB

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

waiting on stimulation

WELL LOG

ROCK TYPE OR FORMATION NAME	TOP (TVD)	BOTTOM (TVD)	REMARKS
SHALE & SAND	0	352	
SAND	352	467	
SHALE	467	550	
SAND	550	578	
SHALE	578	830	
SAND	830	908	
SHALE	908	1091	
BIG LIME (GREENBRIER)	1091	1296	
SHALE	1296	1377	
BIG INJUN SAND	1377	1411	
FOURTH SAND	1963	1979	
FIFTH SAND	2029	2073	
SPEECHLEY	2597	2606	
BRADFORD	3149	3209	
RILEY SAND	3519	3626	
BENSON SAND	3859	3878	
BURKETT	7131	7150	
TULLY	7150	7213	
HAMILTON	7213	7325	
MARCELLUS	7325	7415	
ONONDAGA	7415	7474	
CHERT	7474	7633	
ORISKANY	7633		
TOTAL MEASURED DEPTH	7747		
TRUE VERTICAL DEPTH of Well Bottom at TD	7747		

PLUG BACK VERTICAL SECTION IN FOLLOWING MANNER:

7747 to 7720 Gel
 7720 to 6364 Class A Cement

Drilled Cement To K.O.P 6744