

**State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas  
Well Operator's Report of Well Work**

**RECEIVED**  
JAN 11 2013  
WV GEOLOGICAL SURVEY  
MORGANTOWN, WV

Farm name: WADE, ERMA

Operator Well No.: A E SMITH 3

LOCATION: Elevation: 929.00

Quadrangle: GARRETTS BEND 7.5'

District: DUVAL

County: LINCOLN

Latitude: 7,100 Feet south of 38 Deg 17 Min 30 Sec.

Longitude: 6,075 Feet west of 81 Deg 55 Min 0 Sec.

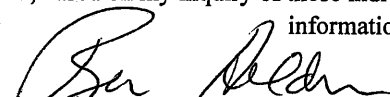
Company Address:	East Resources Inc. PO Box 5519 Vienna, WV 26105	Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Inspector:	Ralph Triplett				
Date Permit Issued:	04/27/2011				
Date Well Work Commenced:	08/31/2011				
Date Well Work Completed:	10/31/2011				
Verbal Plugging:					
Date Permission Granted On:					
Rotary Cable Rig		7"	1742' existing	1742' existing	not
Total vertical Depth (ft):	2432'				
Total Measured Depth (ft):	2432'				
Fresh Water Depth (ft):	none	5 1/2"	2067' existing	2067' existing	not
Salt Water Depth (ft):	none				
Is Coal being mined in ares (Y/N)?	No	3 1/2"	2378'	2378'	50 sks
Coal Depths (ft): x	none				
Void(s) encountered (Y/N) depth(s):	NONE				

**OPEN FLOW DATA**

Producing formation Berea Pay zone depth (ft) 2407'-2428'  
 Gas: Initial open flow show MCF/d Oil: Initial open flow show Bbl/d  
 Final open flow 6 MCF/d Final open flow 5 Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

Second producing formation \_\_\_\_\_ 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

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

  
Signature

1/9/13  
Date

Were core samples taken? No

Were cuttings caught during drilling? No

Were Y Electrical, N Mechanical, N or Geophysical logs recorded on this well?  
Y/N Y/N Y/N

NOTE: IN THE AREA BELOW 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 THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

**Treatment :** Treated open hole 2378'-2432'  
w/ 345 bbls cross linked gel, and 27,400# 20/40 sand.

**Well Log :** SEE ORIGINAL WELL RECORD