

WR-35  
Rev (5-01)

DATE: 08-16-12  
API#: 47-073-02545

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



Well Operator's Report of Well Work

Farm name: James T. Smith Jr.

Operator Well No.: J. T. Smith # 2

LOCATION: Elevation: 736'

Quadrangle: Willow Island 7.5'

District: Jefferson

County: Pleasants

Latitude: 1,950 Feet South of

39 Deg. 17 Min. 30 Sec.

Longitude 2,750 Feet West of

81 Deg. 15 Min. 00 Sec.

Company:

Tapo Energy, Inc.

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address:				
P.O. Box 235 West Union, WV 26456	13 3/8			
Agent: Jerry Poling				
Inspector: Joe Taylor	9 5/8	127	127	50 sks
Date Permit Issued: 06/04/2012				
Date Well Work Commenced: 06/23/2012	6 5/8	736	736	186 sks
Date Well Work Completed: 06/28/2012				
Verbal Plugging:	4 1/2	4400	4235	275 sks
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 4400				
Fresh Water Depth (ft.): NA				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): N/A				

RECEIVED  
Office of Oil & Gas

AUG 15 2013

WV Department of  
Environmental Protection

OPEN FLOW DATA

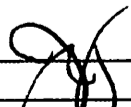
Producing formation Heron Shale Pay zone depth (ft) 3112-4193 ft.  
 Gas: Initial open show MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow 500 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock Pressure 1000# psig (surface pressure) after 48 Hours

Second producing formation Heron Shale Pay zone depth (ft) 1601-2805 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, 09/13/2013

Signed:

By:   
 Date: 08/16/12

73.02545

J.T. Smith #2  
47-073-02545  
08-16-2012

\*Stage #1

<u>perfs</u>	<u>nitrogen</u>	<u>avg rate</u>	<u>isip</u>
Heron Shale 3112-4193 20 holes	498,000 scf	61.2 bpm	# 1618

\*Stage #2

<u>perfs.</u>	<u>nitrogen</u>	<u>avg rate</u>	<u>isip</u>
Heron Shale 1601-2805 20 holes	701,000 scf	58.2 bmp	# 1426

Drillers Log

Clay	0	18	
Sd/sh	18	87	
RR	87	120	
Sd/Sh	120	1112	
Bl	1112	1250	
Injun	1250	1296	
Sd/sh	1296	1600	
Sh	1600	4200	gas ck @ 3180 = odor
Sd/sh	4200	4400	
<u>Td</u>	4400		gas ck @ td = odor

Electric Log Tops

Big Lime	1112
Injun	1250

**RECEIVED**  
Office of Oil & Gas

AUG 15 2013

WV Department of  
Environmental Protection

09/13/2013