DATE: 01-15-09

API#: 47-049-01881 01882

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

Well Operator's Report of Well Work

RECEIVED Office of Oil & Gas

FEB 27 2009

WV Department of **Env.**ronmental Protection

Farm name: Smith

LOCATION: Elevation: 1,489'

District: Mannington

Latitude: 6,350' Longitude 8,000' Feet South of Feet West of County Marion

Well No.: Smith #8

Quadrangle: Glover Gap 7.5'

39 Deg. 80 Deg. 22 Min. 37 Min. 30 Sec. 30 Sec.

Company: **TAPO Energy LLC** Used in Casing & Left in well Cement fill Tubing drilling up Cu. Ft. Address: 9 5/8 P.O. Box 235 West Union WV 26456 835 825 350 sks Agent: Jerry Poling 6 5/8 Inspector: Bill Hatfield 1550 1550 325 sks Date Permit Issued: 06/25/2007 4 1/2 3230 3053 125 sks Date Well Work Commenced: 10/12/08 Date Well Work Completed: 10/28/08 Verbal Plugging: Date Permission granted on: Rotary X Cable Rig Total Depth (feet): 3420' Fresh Water Depth (ft.): 85' 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 Gordon	Pay zone depth (ft) 2870-2950		
Gas: Initial open odor MCF/d Oil: Initial open flow_	Bbl/d		
Final open flow show MCF/d Final open flow	Bbl/d		
Time of open flow between initial and final tests	Hours		
Static rock Pressure 750# psig (surface pressure) after 48	Hours		
Second producing formation. Big Injun	Pay zone depth (ft) 2020-2120		
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). DET	AILS OF PERFORATED		
INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHAN	GE, ETC. 2). THE WELL		
LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECOR	RD OF ALL FORMATIONS,		
Signed:			

Smith #8

## 47-049-01881

Stage #1		perfs	sand	avg rate	isip
Gordon		3060-333 16 holes	8 168 sks	24 bpm	2184#
Big Injun		2330-239 16 holes	7 256 sks	28 bpm	2449"
•	٠				
Drillers Log				Electric Log Tops	
Fill	0 .	20		Big Lime	2234
Sd/Sh	20	445		Berea	2560
Sd	445	650		Gordon	3160
Sd/Sh ·	650	870			
Slate	870	880			
Sd	880	1155			
Sd/Sh	1155	1690			
Sd	1690	1725			
Sh	1725	2080			
Sd	2080	2130	•		
Sh	2130	2240			
Lime	2240	2310			
Sd	2310	2430			
Sd/Sh	2410	2900			
Sd	2900	3250			
Sh	3250	3420			
Td	3420		gas ck @ TD = show		