

State of West Virginia Department of Environmental Protection Office of Oil and Gas  
Well Operator's Report of Well Work

GS

Farm name: Zinn, Manley

Operator Well No.: Zinn #22

LOCATION:

Elevation: 1090'

Quadrangle: Auburn 7.5'

District: Troy

County: Gilmer

Latitude: 2900'

Feet South of 39 Deg. 07

Min 53 Sec.

Longitude 5010'

Feet West of 80 Deg. 85

Min. 11.1 Sec.

Company: Ramsey Associated Petroleum, Inc.

		Casing & Tubing	Used in drilling	Left in well	Cement fill Up. Cu. Ft.
Address:	P.O. Box 90	13 "		37'	
	Glenville, WV 26351	9"		126'	Surface
Agent:	Leon Ramsey	7"		1037'	Surface
Inspector:	David Gilbert	4 1/2"		4856'	3000'
Date Permit Issued:	10/27/08				
Date Well Work Commenced:	11/09/08				
Date Well Work Completed:	05/29/09				
Verbal Plugging:					
Date Permission granted on:					
Rotary X	Cable	Rig			
Total Depth (feet):	5010'				
Fresh Water Depth (ft.):	55'				
Salt Water Depth (ft.):	1769'				
Is coal being mined in area (N/Y)?		N			
Coal Depths (ft.):					

OPENFLOWDATA

Producing formation ELK BENSON

Pay zone depth (ft) 4774' - 4496'

Gas: Initial open flow No test MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow No test MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

Second producing formation BALLTOWN SPEECHLY Pay zone depth (ft) 3802' - 2839'

Gas: Initial open flow No test MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow No test MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

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, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: \_\_\_\_\_

By: LEON RAMSEY

Date: 6/29/2010

RECEIVED  
Office of Oil and Gas  
APR 23 2014  
WV Department of Environmental Protection

SUMMARY OF PROCEDURES AND ESTIMATED FORMATION TOPS FOR  
RAMSEY ASSOCIATED PETROLEUM, INC.  
ZINN #22

Lease Name: Zinn  
API# 47-021-5640  
Gilmer 7.5' Quadrangle  
Elevation 1090'  
TROY DISTRICT  
GILMER COUNTY, WEST VIRGINIA

<b>ZONE</b>	<b>DEPTH</b>	<b>GAS CHECK</b>	<b>REMARKS</b>
LITTLE LIME	1902' – 1946'		
BIG LIME	1945' – 2027'		
BIG INJUN	2027' – 2098'		
SPEECHLEY	2814' – 3309'		
BALLTOWN	3416' – 3821'		
BENSON	4446' – 4457'		
ALEXANDER	4604' – 4810'		
<b>TOTAL DEPTH</b>	<b>5010'</b>		

**Perforations & Fracture Treatment**

**Well Name:** ZINN 22

**API #** 47-021-05640

**T.D.** 4856 of **9.50 # 4 ½"**

**1st Stage-** ELK-BENSON (from 4774 ' to 4446 ' )

60 QF 400 sks 20/40

500 gal. 15% HCL

with Clay and Iron Stabilizer

16 perforations w/ 4 perforation balls

1, 2, 3 ppg @25-30 BBl per min

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**2nd Stage-** BALLTOWN-SPEECHLY (from 3802 ' to 2839 ' )

60 QF 400 sks 20/40

500 gal. 15% HCL

with Clay and Iron Stabilizer

18 perforations w/ 6 perforation balls

1, 2, 3 ppg @25-30 BBl per min

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