

GS

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

Farm name: Zinn, Manley

Operator Well No.: Zinn #25

LOCATION:

Elevation: 1229'

Quadrangle: Auburn 7.5'

District: Troy

County: Gilmer

Latitude: 4080'

Feet South of 39 Deg. 07

Min 22 Sec.

Longitude 6100'

Feet West of 80 Deg. 85

Min. 49 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 "		35'	
	Glennville, WV 26351	9"		126'	Surface
Agent:	Leon Ramsey	7"		992'	Surface
Inspector:	David Gilbert	4 1/2 "		4718'	3000'
Date Permit Issued:	10/27/08				
Date Well Work Commenced:	10/30/08				
Date Well Work Completed:	2/2/09				
Verbal Plugging:					
Date Permission granted on:					
Rotary X	Cable	Rig			
Total Depth (feet):		4997'			
Fresh Water Depth (ft.):		95'			
Salt Water Depth (ft.):		1899'			
Is coal being mined in area (N/Y)?		N			
Coal Depths (ft.):					

OPENFLOWDATA

Producing formation ELK BENSON Pay zone depth (ft) 4874' - 4593'

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) 3812' - 2996'

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: _____

RECEIVED
Office of Oil and Gas
Apr 28 2014
WV Department of Environmental Protection

LEON RAMSEY

Date: 6/11/2010

SUMMARY OF PROCEDURES AND ESTIMATED FORMATION TOPS FOR
RAMSEY ASSOCIATED PETROLEUM, INC.
ZINN #25

Lease Name: Zinn
API# 47-021-05643
Gilmer 7.5' Quadrangle
Elevation 1229'
TROY DISTRICT
GILMER COUNTY, WEST VIRGINIA

ZONE	DEPTH	GAS CHECK	REMARKS
LITTLE LIME	2054' – 2101'		
BIG LIME	2122' – 2187'		
BIG INJUN	2187' – 2240'		
SPEECHLEY	2953' – 3261'		
BALLTOWN	3559' – 3884'		
BENSON	4590' – 4613'		
ELK	4759' – 4962'		
TOTAL DEPTH	4997'		

Perforations & Fracture Treatment

Well Name: ZINN 25

API # 47-21-05643

T.D. 4918' of 9.50 # 4 1/2"

1st Stage- ELK-BENSON (from 4874 ' to 4593 ')

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

2nd Stage- BALLTOWN-SPEECHLY (from 3812 ' to 2996 ')

60 QF 350 sks 20/40

500 gal. 15% HCL

with Clay and Iron Stabilizer

14 perforations w/ 4 perforation balls

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