

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 #23

LOCATION:

Elevation: 1130'

Quadrangle: Auburn 7.5'

District: Troy

County: Gilmer

Latitude: 2500' Feet South of 39 Deg. 07

Min 64.3 Sec.

Longitude 6400' Feet West of 80 Deg. 85

Min. 60.5 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 "		42'	
Glenville, WV 26351	9"		126'	Surface
Agent: Leon Ramsey	7"		1011.50'	Surface
Inspector: David Gilbert	4"		4938'	4000'
Date Permit Issued: 10/27/08				
Date Well Work Commenced: 10/29/08				
Date Well Work Completed: 12/10/08				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 5004'				
Fresh Water Depth (ft.): 80'				
Salt Water Depth (ft.): 1800'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.):				

OPENFLOWDATA

Producing formation ELK Pay zone depth (ft) 4878' - 4660'

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 BENSON Pay zone depth (ft) 4507' - 4487'

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.

RECEIVED

Office of Oil and Gas

Signed: _____

By: LEON RAMSEY

APR 23 2014

Date: 4/23/2010

WV Department of Environmental Protection

SUMMARY OF PROCEDURES AND ESTIMATED FORMATION TOPS FOR
RAMSEY ASSOCIATED PETROLEUM, INC.
ZINN #23

Lease Name: Zinn
API# 47-021-5641
Gilmer 7.5' Quadrangle
Elevation 1130'
TROY DISTRICT
GILMER COUNTY, WEST VIRGINIA

ZONE	DEPTH	GAS CHECK	REMARKS
LITTLE LIME	1869'-1915'		
BIG LIME	1920'-1990'		
BIG INJUN	1990'-2079'		
SPEECHLEY	3293'-3539'		
BALLTOWN	3539- 4077'		
RILEY	4360'-4440'		
BENSON	4488'-4509'		
ALEXANDER	4835'-4940'		
TOTAL DEPTH	5004'		

Perforations & Fracture Treatment

Well Name: ZINN 23

API # 47-021-05641

T.D. 4938' of 9.50 # 4 1/2"

1st Stage- ELK (from 4878' to 4660')

60 QF 400 sks 20/40

500 gal. 15% HCL

with Clay and Iron Stabilizer

20 perforations w/ 6 perforation balls

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

2nd Stage- BENSON (from 4507' to 4487')

60 QF 400 sks 20/40

500 gal. 15% HCL

with Clay and Iron Stabilizer

10 perforations w/ 2 perforation balls

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