

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 #24

LOCATION:

Elevation: 1247'

Quadrangle: Auburn 7.5'

District: Troy

County: Gilmer

Latitude: 3490' Feet South of 39 Deg. 07

Min 36.8 Sec.

Longitude 7180' Feet West of 80 Deg. 85

Min. 86.7 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"		1013'	Surface
Inspector:	David Gilbert	4"		5022'	4000'
Date Permit Issued:	10/27/08				
Date Well Work Commenced:	11/10/08				
Date Well Work Completed:	2/11/09				
Verbal Plugging:					
Date Permission granted on:					
Rotary X	Cable	Rig			
Total Depth (feet):	5056'				
Fresh Water Depth (ft.):	100'				
Salt Water Depth (ft.):	917'				
Is coal being mined in area (N/Y)? N					
Coal Depths (ft.):					

RECEIVED
Office of Oil and Gas
APR 22 2014
WV Department of Environmental Protection

OPENFLOWDATA

Producing formation ALEXANDER ELK Pay zone depth (ft) 4993' - 4854'

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 ELK BENSON Pay zone depth (ft) 4789' - 4558'

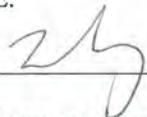
Gas: Initial open flow No test MCF/d Oil: Initial open flow 0 Bbl/d

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: 6/11/2010

SUMMARY OF PROCEDURES AND ESTIMATED FORMATION TOPS FOR
RAMSEY ASSOCIATED PETROLEUM, INC.
ZINN #24

Lease Name: Zinn
API# 47-021-5642
Gilmer 7.5' Quadrangle
Elevation 1247'
TROY DISTRICT
GILMER COUNTY, WEST VIRGINIA

ZONE	DEPTH	GAS CHECK	REMARKS
LITTLE LIME	2078' – 2120'		
BIG LIME	2143' – 2205'		
BIG INJUN	2205' – 2268'		
SPEECHLEY	3231' – 3482'		
BALLTOWN	3482' – 3902'		
RILEY	4316' – 4503'		
BENSON	4611' – 4624'		
ELK	4788' – 4996'		
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TOTAL DEPTH	5056'		

Perforations & Fracture Treatment

Well Name: ZINN 24
API # 47- 021-05642
T.D. 5022 of 9.50 # 4 1/2"

1st Stage- ALEXANDER - ELK (from 4993 ' to 4854 ')
QF 400 sks 20/40
500 gal. 15% HCL
with Clay and Iron Stabilizer
18 perforations w/ perforation balls
1, 2, 3 ppg @25-30 BBl per min

2nd Stage- ELK-BENSON (from 4789 ' to 4558 ')
QF 460 sks 20/40
500 gal. 15% HCL
with Clay and Iron Stabilizer
16 perforations w/ perforation balls
1, 2, 3 ppg @25-30 BBl per min
