

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 #21

LOCATION:

Elevation: 933'

Quadrangle: Auburn 7.5'

District: Troy

County: Gilmer

Latitude: 3910' Feet South of 39 Deg. 07

Min 25.1 Sec.

Longitude 5100' Feet West of 80 Deg. 85

Min. 13.7 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 "		32'	
	Glenville, WV 26351	9"		126'	Surface
Agent:	Leon Ramsey	7"		1032'	Surface
Inspector:	David Gilbert	4 1/2"		5008'	4000'
Date Permit Issued:	10/27/08				
Date Well Work Commenced:	10/31/08				
Date Well Work Completed:	12/18/08				
Verbal Plugging:					
Date Permission granted on:					
Rotary X	Cable	Rig			
Total Depth (feet):	5050'				
Fresh Water Depth (ft.):	70'				
Salt Water Depth (ft.):	1612'				
Is coal being mined in area (N/Y)?		N			
Coal Depths (ft.):					

OPENFLOWDATA

Producing formation ALEXANDER BENSON Pay zone depth (ft) 4980' - 4534'

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) 3887' - 3253'

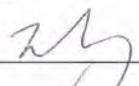
Gas: Initial open flow No test MCF/d Oil: Initial open flow 0 Bbl/d

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

APR 23 2014
WV Department of Environmental Protection
Date: 4/23/2010

SUMMARY OF PROCEDURES AND ESTIMATED FORMATION TOPS FOR
RAMSEY ASSOCIATED PETROLEUM, INC.
ZINN #21

Lease Name: Zinn
API# 47-021-5639
Gilmer 7.5' Quadrangle
Elevation 933'
TROY DISTRICT
GILMER COUNTY, WEST VIRGINIA

ZONE	DEPTH	GAS CHECK	REMARKS
LITTLE LIME	1672'-1718'		
BIG LIME	1718'-1793'		
BIG INJUN	1793'-1882'		
SPEECHLEY	3096'-3342'		
BALLTOWN	3342- 3880'		
RILEY	4163'-4243'		
BENSON	4518'-4532'		
ELK	4638'-4743'		
ALEXANDER	4810'-4970'		
TOTAL DEPTH	5050'		

Perforations & Fracture Treatment

Well Name: ZINN 21

API # 47- 021-05639

T.D. 5008' of 9.50 # 4 1/2"

1st Stage- ALEXANDER (from 4980 ' to 4814 ')

60 QF 400 sks 20/40

500 gal. 15% HCL

with Clay and Iron Stabilizer

20 perforations w/ _____ perforation balls

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

2nd Stage- BENSON (from 4818 ' to 4534 ')

60 QF _____ sks 20/40

500 gal. 15% HCL

with Clay and Iron Stabilizer

_____ perforations w/ _____ perforation balls

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

3rd Stage- BALLTOWN SPEECHLY (from 3887 ' to 3253 ')

_____ QF _____ sks 20/40

500 gal. 15% HCL

750 SCF N2

with Clay and Iron Stabilizer

20 perforations w/ _____ perforation balls

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