DATE: 6/11/2010 API #: 47-021-5574

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



Farm name: Gum, Ernest Kemp, Jr. Operator Well No.: Garrett #5 LOCATION: Elevation: 1134' Quadrangle: Auburn 7.5' District: Troy County: Gilmer Latitude: 2400' Feet South of 39 07 Deg. Min Sec. Longitude 1470' Feet West of 80 79 Deg. Min. 8.8 Sec. Company: Ramsey Associated Petroluem, Inc. Casing & Used in Left in well Cement fill Tubing drilling Up. Cu. Ft. Address: P.O. Box 90 Glenville, WV 26351 9" 35' 7" Agent: Leon Ramsey 1044 Surface Inspector: David Gilbert 4 1/2 " 4548" 3000 Date Permit Issued: 4/23/08 Date Well Work Commenced: 11/19/08 Date Well Work Completed: 2/23/09 Verbal Plugging: Date Permission granted on: Rotary X Cable Rig Total Depth (feet): 4934' Fresh Water Depth (ft.): 87' Salt Water Depth (ft.): 1702 Is coal being mined in area (N/Y)? Coal Depths (ft.): **OPENFLOWDATA** Office of Oil and Gas Producing formation BENSON Pay zone depth (ft) 4440' - 4431' APR 227014 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 WV Department of Time of open flow between initial and final tests Hours Environmental Protection Static rock Pressure psig (surface pressure) after Hours Second producing formation BALLTOWN SPEECHLY Pay zone depth (ft) 3711' - 2938' 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: LEON RAMSEY 6/11/2010 Date: By:

## SUMMARY OF PROCEDURES AND ESTIMATED FORMATION TOPS FOR RAMSEY ASSOCIATED PETROLEUM, INC. GARRETT #5

Lease Name: Garrett heirs
API# 47-021-5574
Gilmer 7.5' Quadrangle
Elevation 1134'
TROY DISTRICT
GILMER COUNTY, WEST VIRGINIA

ZONE	DEPTH	GAS CHECK	REMARKS	
LITTLE LIME	1927' – 1954'			
BIG LIME	1954' – 2016'			
BIG INJUN	2016' – 2089'			
SPEECHLEY	2926' – 3229'			
BALLTOWN	3341' - 3781'			
BENSON	4431' – 4440'			
TOTAL DEDTIL	40242			

TOTAL DEPTH 4934'

## Perforations & Fracture Treatment Well Name: Garrett 5 API # 47-021-5574 T.D. 4584' of 9.50 # 4 1/2"

1st Stage-	Benson	(fron	n <u>444</u> 0	<u>0</u> ' to <u>443</u>	31 ')						
<u>60</u> _QF	400	_sks 20/40									
500 gal. 159	% HCL										
with Clay and Iron Stabilizer  18 perforations w/ 6 perforation balls											
	_	_									
			-					-			
2nd Stage-	Ballte	own - Speechl	У	(from	3711	' to	<u> 2</u> 938				
60 OF											
<u>_60</u> _QF	<u>350</u>	sks 20/40									
_60QF 500 gal. 159		sks 20/40									
` _	% HCL	<del></del>									
500 gal. 159 with Clay as	% HCL nd Iron St	<del></del>	4	perforation	n balls						
500 gal. 159 with Clay as	% HCL nd Iron St per	 abilizer forations w/	4	_perforation	n balls						
500 gal. 159 with Clay at 18	% HCL nd Iron St per	 abilizer forations w/	4	perforation	n balls						