

GS

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

Farm name: Nicholson, Freeman J.

Operator Well No.: Nicholson #1

LOCATION:

Elevation: 944'

Quadrangle: Burnsville

District: Salt Lick

County: Braxton

Latitude: 3600 Feet South of 38 Deg. 86

Min 51.2 Sec.

Longitude 3300 Feet West of 80 Deg. 67

Min. 83.8 Sec.

Company: Ramsey Associated Petroleum, Inc.

		Casing & Tubing	Used in drilling	Left in well	Cement fill Up. Cu. Ft.
Address:	P.O. Box 90	9 5/8"		42.7'	
	Glenville, WV 26351	7"		934.8	Surface
Agent:	Leon Ramsey				
Inspector:	Dave Gilbert	4 1/2"		5052'	4000'
Date Permit Issued:	8/14/08				
Date Well Work Commenced:	9/06/08				
Date Well Work Completed:	9/28/08				
Verbal Plugging:					
Date Permission granted on:					
Rotary X	Cable Rig				
Total Depth (feet):	5084'				
Fresh Water Depth (ft.):	80'				
Salt Water Depth (ft.):	N/A				
Is coal being mined in area (N/Y)?	N				
Coal Depths (ft.):					

OPENFLOWDATA

Producing formation Elk-Benson Pay zone depth (ft) 4998' - 4418'

Gas: Initial open flow MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 24 Hours
 Static rock Pressure psig (surface pressure) after 24 Hours

Second producing formation Balltown-Speechly Pay zone depth (ft) 4048' - 2918'

Gas: Initial open flow MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 24 Hours
 Static rock Pressure psig (surface pressure) after 24 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: 4/23/2010

RECEIVED
Office of Oil and Gas

APR 23 2014

WV Department of
Environmental Protection

05/02/2014

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

Well# Nicholson #1
Lease Name: Nicholson
API# 47-007-02590
Longitude 80° 40' 00"
Latitude 38° 52' 30"
Burnsville 7.5' Quadrangle
Elevation 944'
SALT LICK DISTRICT
BRAXTON COUNTY, WEST VIRGINIA

<u>ZONE</u>	<u>DEPTH</u>	<u>GAS CHECK</u>	<u>REMARKS</u>
MAXTON	1538' – 1579'		
3 RD SAND	1579' – 1623'		
LITTLE LIME	1701' – 1726'		
BIG LIME	1800' – 1866'		
INJUN	1866' – 1940'		
GORDON	2384' – 2396'		
SPEECHLY	3039' – 3029'		
BALLTOWN	3422' – 3711'		
BENSON	4512' – 4534'		
ELK	4698' – 5006'		
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Total Depth	5084'		

Perforations & Fracture Treatment

Well Name: Nicholson #1

API # 47-007-2590

T.D. 5052 of 9.50 # 4 1/2"

1st Stage- Elk (from 4998' to 4625') Date: 9/26/08
900,000 scf N2 Time: 4:30 am
500 gal. 15% HCL
with Clay and Iron Stabilizer For: Meeks
25 perforations w/ 11 perforation balls
1, 2, 3 ppg @25-30 BBl per min
1st Baffle @ 4540'=3.00

2nd Stage- Benson (from 4538' to 4418') Date: 9/26/08
60 QF 400 sks 20/40 Time: 6:30 am
500 gal. 15% HCL For: Halliburton
with Clay and Iron Stabilizer
20 perforations w/ 11 perforation balls
1, 2, 3 ppg @25-30 BBl per min
2nd Baffle @ 4084'=3.31"

3rd Stage- Balltown (from 4048' to 3663')
900,000 scf N2
500 gal. 15% HCL
with Clay and Iron Stabilizer
30 perforations w/ 15 perforation balls
1, 2, 3 ppg @25-30 BBl per min
3rd Baffle @3526'=3.56"

4th Stage- Speechly (from 3295' to 2918')
60 QF 400 sks 20/40
500 gal. 15% HCL
with Clay and Iron Stabilizer
37 perforations w/ 20 perforation balls
1, 2, 3 ppg @25-30 BBl per min