

State of West Virginia
 Division of Environmental Protection
 Section of Oil and Gas

Well Operator's Report of Well Work

Farm Name: **Shepherd** Operator Well No. : **Two (2)**

LOCATION: Elevation: **1130** Quadrangle: **Peterson**
 District: **Court House** County: **Lewis**
 Latitude: **950** Feet South of **38** Deg. **55** Min. **00** Sec.
 Longitude: **2,180** Feet West of **80** Deg. **35** Min. **00** Sec.

Company: **SACHDEVA ENERGY ENTERPRISES, LLC**
P. O. Box 150
GLENVILLE, WV 26351-0179

Casing & Tubing Size	Used In Drilling	Left In Well	Cement Fill Up Cu Ft
7"	1031	1031	210 Cu Ft
4-1/2"		4750	436 Cu Ft

Agent: **Lester Lemon**
 Inspector: **Tim Bennett**

Permit Issued:
 Well Work Commenced: **10-14-08**
 Well Work Completed: **10-31-08**

Verbal Plugging
 Permission granted on:
 Rotary X Cable Rig
 Total Depth (feet) **4762 LTD**
 Fresh water depths (ft) **NR**
 Salt water depths (ft) **908**
 Is coal being mined in area (Y / N)? **No**
 Coal Depths (ft): **NR**

OPEN FLOW DATA	Benson	4655-4678
	Riley	4371-4389
	Balltown	3497-4110
	Warren	3016-3232
	Bayard	2642-2644
	Fifth	2542-2548
	Gordon	2420-2458

Producing formation **Injun** Pay zone depth (ft) **1950-2018**
 Gas: Initial open flow **133** MCF / D Oil: Initial open flow **Show** Bbl / D
 Final open flow **410** MCF / D Oil: Final open flow **Show** Bbl / D
 Time of open flow between initial and final tests Hours

Static rock pressure **440** psig (surface pressure) after **48** Hours

All Formations Comingled.

Second producing formation Pay zone depth (ft)
 Gas: Initial open flow MCF / D Oil: Initial open flow Bbl / D
 Final open flow MCF / D Oil: Final open flow Bbl / D
 Time of open flow between initial and final tests Hours
 Static rock pressure psig (surface pressure) after Hours

Received
 Office of Oil & Gas

JUN 2 2013

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.

For: **SACHDEVA ENERGY ENTERPRISES, LLC**

By: *Lester Lemon*

Date: **July 28, 2009**

07/19/2013

Shepherd No. 2 (47-041-05413)

TREATMENT:

Benson, 3rd Riley & Bradford 4028-4675 (13 Holes)	500 GA, 40,000# 20/40 Sand & 617 Bbls. 60 Quality Foam
Balltown 2643-3510 (13 Holes)	1,000 GA, 30,000# 20/40 Sand & 503 Bbls. 60 Quality Foam
Bayard, Fifth & Gordon 2422-2545 (13 Holes)	750 GA, 40,000# 20/40 Sand & 583 Bbls. 60 Quality Foam
Injun 1952-2017 (13 Holes)	750 GA, 30,000# 20/40 Sand & 461 Bbls. 60 Quality Foam

FORMATIONS:

Surface	0	30	
Sand/Shale/Red Rock/Lime	30	1883	Hole Wet @ 908 - ½"
Big Lime	1883	2075	Gas Ck @ 1838 - 8/10 in 2" W/W = 119 Mcf
Big Injun	2075	2100	
Sand/Shale	2100	2465	Gas Ck @ 2108 - 8/10 in 2" W/W = 119 Mcf
Gordon	2465	2595	
Fifth	2595	3070	
Speechly	3070	3530	
Balltown	3530	3550	Gas Ck @ 3548 - 6/10 in 2" W/W = 103 Mcf
Sand/Shale	3550	4600	Gas Ck @ 4568 - 10/10 in 2" W/W = 133 Mcf
Benson	4600	4630	
Sand/Shale	4630	4750	
RTD	4750		