

WR-35

Date June 21, 2013  
API # 4704901091f

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas  
Well Operator's Report of Well Work

Farm Name: Griffin, Glen & Clara Operator Well No.: Griffin 1413

LOCATION: Elevation: 971' Quadrangle: Shinnston 7.5'  
District: Mannington County: Marion  
Latitude: 4250 feet South of 39 DEG. 27 MIN. 30 SEC.  
Longitude: 4500 feet West of 80 DEG. 20 MIN. 00 SEC.

Company: Linn Operating, Inc  
480 Industrial Park Road  
Jane Lew, WV 26378

Agent: Gary Beall  
Inspector: Bill Hatfield  
Permit Issued: 5/24/2007  
Well Work Commenced: August 7, 2007  
Well Work Completed: August 7, 2007  
Verbal Plugging: \_\_\_\_\_  
Permission granted on:  
Rotary X Cable \_\_\_\_\_  
Total Depth (feet) 4158'  
Fresh Water Depths (ft) none  
Salt Water Depths (ft) 995'  
Is coal being mined in area (Y / N) ? Y  
Coal Depths (ft) 191-196

Casing & Tubing Size	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
No Change			

OPEN FLOW DATA

Producing Formation Balltown, 5th Sand, Gordon, 30/50', Big Injun Pay Zone Depth (ft) 1640-3953  
Gas: Initial Open Flow Show MCF/d Oil: Initial Open Flow \_\_\_\_\_ Bbl/d  
Final Open Flow Show 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 24 Hours

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

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 SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: Linn Operating, Inc.  
By: [Signature]  
Date: 6-24-13

**RECEIVED**  
Office of Oil & Gas  
JUL 22 2013  
WV Department of Environmental Protection 07/26/2013

49-01091F

Form IV-35  
(Reverse)

Well # Griffin 1413  
API # 4704901091

Details Of Perforated Intervals, Fracturing, or Stimulating Physical Change Etc.

1	5th Sand	2550-2570	15000 lbs 30/50 Sand, 291 bbls water, 30200 scf N2
2	Gordon	2404-2440	8100 lbs 30/50 Sand, 334 bbls water, 49000 scf N2
3	30/50'	2124-2192	20000 lbs 30/50 Sand, 380 bbls water, 55000 scf N2
4	Big Injun	16440-1684	20000 lbs 30/50 Sand, 338 bbls water, 50800 scf N2

Ferritation color hard or soft  
No Change

Top Fee Bottom Feet

Remarks

**RECEIVED**  
Office of Oil & Gas  
JUL 22 2013  
WV Department of  
Environmental Protection.

07/26/2013