Date API# June 21, 2013 4704901091f

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

Elevation: District: Mannington Quadrangle: County: Marion District: Ad250 feet South of 39 DEG. 27 Milk. 30 SEC.	Farm Name:	Gı	riffin, Glen & Clara	<u> </u>	Operator Well	No.: Griffin 14	113	
District:	LOCATION:	Elevation:	971'		Quadrangle:	Shinnst	on 7.5'	
Latitude: 4250 feet South of 39 DEG. 27 MIN. 30 SEC.		District:			•			
Casing & Tubing Size Used in Drilling Left in Well Up Cu. Ft. Tubing Size Used in Drilling Left in Well Up Cu. Ft. Agent: Gary Beall Inspector: Bill Hatfield Permit Issued: 5/24/2007 Well Work Commenced: August 7, 2007 Well Work Completed: August 7, 2007 Well Work Completed: August 7, 2007 Well Work Completed: August 7, 2007 Verbal Plugging: Permission granted on: Rotary X Cable Total Depth (feet) 14158 Total Depth (feet) 995 Is coal being mined in area (Y / N)? Y Coal Depths (ft) 191-196 OPEN FLOW DATA Producing Formation Balltown, 5th Sand, Gordon, 30/50, Big Injun Depth (ft) 1640-3953 Gas: Initial Open Flow Show MCF/d Final Open Flow Bbl/d Final Open Flow Bbl/d Final Open Flow Depth (ft) Second Producing Formation Depth (ft) Depth (ft) Bbl/d Final Open Flow Bbl/d Final Open Flow Depth (ft) Gas: Initial Open Flow MCF/d Oil: Initial Open Flow Bbl/d Final Open Flow Bbl/d Final Open Flow Depth (ft) Gas: Initial Open Flow MCF/d Oil: Initial Open Flow Bbl/d Final Open Flow Bbl/d Final Open Flow Depth (ft) Gas: Initial Open Flow MCF/d Final Open Flow Bbl/d Final Open Flow Bbl/d Final Open Flow Depth (ft) Gas: Initial Open Flow MCF/d Final Open Flow Bbl/d Final Open Flow Bbl/d Final Open Flow Depth (ft) Gas: Initial Open Flow MCF/d Final Open Flow Bbl/d Final Open Flow Bbl/d Final Open Flow Depth (ft) Gas: Initial Open Flow MCF/d Final Open Flow Bbl/d Final Open Flow Depth (ft) Gas: Initial Open Flow MCF/d Final Open Flow Bbl/d Final Open Flow Depth (ft) Gas: Initial Open Flow MCF/d Final Open Flow Bbl/d Fi		Latitude:	4250 feet S	outh of	39 DEG.		30SEC.	
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JUL 22 2013

Form IV-35 (Reverse) Well# API# Griffin 1413 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'	2134-2192	20000 lbs 30/50 Sand, 380 bbls water, 55000 scf N2
4	Big Injun	16440-1684	20000 lbs 30/50 Sand, 336 bbls water, 50600 scf N2

Fermation color hard or soft No Change

Top Fee Bottom Feet

Remarks

RECLIVEL Office of Oil & Gas

JUL 2 2 2013

WV Department of Environmental Protection