WR - 35
Rev (5-01)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Opererators Report of Well Work

Date: December 3, 2009
API # : 4703906152

LOCATION

Farm Name: Blue Eagle Land Operators well name: AL-276 Elevation: 1315 GL

7½ Min. Quad Mammoth District: Elk County: Kanawha Latitude: 2860FTS 38-20-00 Longitude: 11790FTW 81-12-30

COMPANY

Reed Gas, Inc.
1314 Virginia Street East
Charleston, WV 25301

Operator # 41350

Agent:	James W. Reed Jr.
Inspector:	Terry Urban
Date Permit Issued:	7/1/08
Date Well Work Commenced:	9/16/08
Date Well Work Completed:	11/7/08
Total Depth (feet):	6317

Csg & Tbg (In-OD)	Used in Drilling	Left in Well		Cement Data: Sks (Lead/Tail)	Cement
				Grout to surface	
13-3/8	32	32	Ft	102	To Surface
9-5/8	320	320	Ft	125	To Surface
7.000	2115	2115	Ft	150	
4-1/2	6311	6311	Ft		
Tubing			Ft	Type	

Verbal Plugging
Date Permission Granted:

Fresh Water Depth (feet):	
Salt Water Depth (feet):	
Is coal being mined in area ?	No

OPEN FLOW DATA

1st Producing formation: Marcellus — Pay zone depth (ft): 6260 / 6275
Gas: Initial Open Flow: MCF/d Oil: Initial Open Flow: Bbl/d
Final Open Flow: * See Remarks MCF/d Final Open Flow: Bbl/d
Time of open flow between initial and final tests: hours
Static rock pressure: hours

2nd Producing formation: Rhinestreet — Pay zone depth (ft): 5264 / 6068
Gas: Initial Open Flow: MCF/d Oil: Initial Open Flow: Bbl/d
Final Open Flow: * See Remarks MCF/d Final Open Flow: Bbl/d
Time of open flow between initial and final tests: hours
Static rock pressure: hours

3rd Producing formation: Huron — Pay zone depth (ft): 3834 / 5144
Gas: Initial Open Flow: MCF/d Oil: Initial Open Flow: Bbl/d
Final Open Flow: * See Remarks MCF/d Final Open Flow: Bbl/d
Time of open flow between initial and final tests: hours
Static rock pressure: hours

4th Producing formation: L. Weir — Pay zone depth (ft): 2413 / 2468
Gas: Initial Open Flow: MCF/d Oil: Initial Open Flow: Bbl/d
Final Open Flow: * See Remarks MCF/d Final Open Flow: Bbl/d
Time of open flow between initial and final tests: hours
Static rock pressure: hours

5th Producing formation: U. Weir — Pay zone depth (ft): 2364 / 2374
Gas: Initial Open Flow: MCF/d Oil: Initial Open Flow: Bbl/d
Final Open Flow: * See Remarks MCF/d Final Open Flow: Bbl/d
Time of open flow between initial and final tests: hours
Static rock pressure: hours

6th Producing formation: Injun — Pay zone depth (ft): 2277 / 2296
Gas: Initial Open Flow: MCF/d Oil: Initial Open Flow: Bbl/d
Final Open Flow: * See Remarks MCF/d Final Open Flow: Bbl/d
Time of open flow between initial and final tests: hours
Static rock pressure: 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 GEOLOGIC RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE

Signed:
By: James W. Reed, Jr.
Date:

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Office of Oil & Gas
FEB 04 2013
WV Department of Environmental Protection
02/08/2013

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Reed Gas, Inc.
1314 Virginia Street East
Charleston, WV 25301

Farm Name:	Blue Eagle Land		
Well Name	AL-276	Elevation	1315

GEOLOGICAL RECORD

Formation	Top	Base
Sand & Shale	Surface	832
Eagle Shale	832	836
Sand & Shale	832	910
Rosedale Sd.	910	945
Sand & Shale	945	1085
Salt Sd.	1085	1452
Sand & Shale	1452	1742
Maxon Sd.	1742	1793
Sand & Shale	1793	1798
Little Lime	1798	1832
Sand & Shale	1832	1832
Pencil Cave	1832	1847
Greenbrier Ls.	1847	2015
Big Injun Sd.	2015	2032
Sand & Shale	2032	2075

Formation	Top	Base
Weir Sd.	2075	2200
Sand & Shale	2200	2432
Coffee Sh.	2432	2450
Devonian Shale	2450	4105
Lower Huron Shale	4105	4515
Sand & Shale	4515	4975
Rhinestreet Sh	4975	5535
Hamilton Sh.	5535	5700
Marcellus Shale	5700	5758
Onondaga Ls	5758	TD

COMPLETION RECORD

Contractor: Universal
Date:

Stage 1	
Formation	Marcellus
Type	Nitrogen
Casing (in)	4.500
Top Perf Interval	6260
Base Perf Interval	6275
Perf Count	26
Breakdown (psi)	4112
Ave Treat (psi)	3184
Water (Bbl)	
Rate (bpm)	
Total Sand (lbs)	
Conc.(lb/gal	
Nitrogen (Mscf)	456
Rate (Mscf/min)	43

Contractor: Universal
Date:

Stage 2	
Formation	Rhinestreet
Type	Nitrogen
Casing (in)	4.500
Top Perf Interval	5264
Base Perf Interval	6068
Perf Count	56
Breakdown (psi)	3741
Ave Treat (psi)	3699
Water (Bbl)	
Rate (bpm)	
Total Sand (lbs)	
Conc.(lb/gal	
Nitrogen (Mscf)	1000
Rate (Mscf/min)	57

Contractor: Universal
Date:

Stage 3	
Formation	Huron
Type	Nitrogen
Casing (in)	4.500
Top Perf Interval	3834
Base Perf Interval	5144
Perf Count	55
Breakdown (psi)	3129
Ave Treat (psi)	3544
Water (Bbl)	
Rate (bpm)	
Total Sand (lbs)	
Conc.(lb/gal	
Nitrogen (Mscf)	1000
Rate (Mscf/min)	52

Contractor: Universal
Date:

Stage 4	
Formation	L. Weir
Type	75 QFoam
Casing (in)	4.500
Top Perf Interval	2413
Base Perf Interval	2486
Perf Count	20
Breakdown (psi)	3045
Ave Treat (psi)	3058
Water (Bbl)	231
Ave Rate (bpm)	35
Total Sand (lbs)	40000
Conc.(lb/gal	39816
Nitrogen (Mscf)	409
Rate (Mscf/min)	

Contractor: Universal
Date:

Stage 5	
Formation	U. Weir
Type	75Q Foam
Casing (in)	4.500
Top Perf Interval	2364
Base Perf Interval	2374
Perf Count	20
Breakdown (psi)	2310
Water (Bbl)	223
Ave Treat (psi)	2560
Ave Rate (bpm)	34
Total Sand (lbs)	50000
Conc.(lb/gal	
Nitrogen (Mscf)	437
Rate (Mscf/min)	

Contractor: Universal
Date:

Stage 6	
Formation	Injun
Type	75Q Foam
Casing (in)	4.500
Top Perf Interval	2277
Base Perf Interval	2296
Perf Count	25
Breakdown (psi)	875
Water (Bbl)	184
Ave Treat (psi)	2503
Ave Rate (bpm)	23
Total Sand (lbs)	35000
15% Acid (gal)	
Nitrogen (Mscf)	276
Rate (Mscf/min)	

Remarks

*Comingled
FOF: 540m/d
IRP: 600#
TIL: 03/19/08

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