

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

Date: February 6, 2009
API #: 4703906143

Deep *WJB*
CR

LOCATION

Farm Name: Ark Land Operators well name: AL-262

Elevation: 1302 Quadrangle: Mammoth District: Elk County: Kanawha

Latitude: 4280 Feet South of 38 Deg. 22 Min. 30 Sec.
Longitude: 3580 Feet West of 81 Deg. 20 Min. 00 Sec.

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: 9/9/08
Date Well Work Completed: 10/7/08
Total Depth (feet): 5690

Rotary Rig: Cable Rig:

Casing & Tubing	Used in Drilling	Left in Well	Cement Data	
			Sks	Cement
13 3/8"	20	20		To Surface
9 5/8"	353	353	122	To Surface
7"	1953	1953	195	To Surface
4 1/2"	5679	5679	290	
Tubing			Type	

Verbal Plugging
Date Permission Granted:

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

OPEN FLOW DATA		Formation		Pay zone depth (ft)	
1st Producing formation:	Marcellus	Pay zone depth (ft):	5581	5657	
Gas: Initial Open Flow: _____	MCF/d	Oil: Initial Open Flow: _____	Bbl/d		
Final Open Flow: _____	* See Remarks	Final Open Flow: _____	Bbl/d		
Time of open flow between initial and final tests: _____ hours					
Static rock pressure: _____					
2nd Producing formation:	Rhinestreet	Pay zone depth (ft)	4870	5532	
Gas: Initial Open Flow: _____	MCF/d	Oil: Initial Open Flow: _____	Bbl/d		
Final Open Flow: _____	* See Remarks	Final Open Flow: _____	Bbl/d		
Time of open flow between initial and final tests: _____ hours					
Static rock pressure: _____					
3rd Producing formation:	Lower Huron	Pay zone depth (ft):	4870	5532	
Gas: Initial Open Flow: _____	MCF/d	Oil: Initial Open Flow: _____	Bbl/d		
Final Open Flow: _____	* See Remarks	Final Open Flow: _____	Bbl/d		
Time of open flow between initial and final tests: _____ hours					
Static rock pressure: _____					
4th Producing formation:	Lower Weir	Pay zone depth (ft):	2227	2271	
Gas: Initial Open Flow: _____	MCF/d	Oil: Initial Open Flow: _____	Bbl/d		
Final Open Flow: _____	* See Remarks	Final Open Flow: _____	Bbl/d		
Time of open flow between initial and final tests: _____ hours					
Static rock pressure: _____					
5th Producing formation:	Upper Weir	Pay zone depth (ft):	2146	2160	
Gas: Initial Open Flow: _____	MCF/d	Oil: Initial Open Flow: _____	Bbl/d		
Final Open Flow: _____	* See Remarks	Final Open Flow: _____	Bbl/d		
Time of open flow between initial and final tests: _____ hours					
Static rock pressure: _____					
6th Producing formation:	Big Lime	Pay zone depth (ft)	2039	2094	
Gas: Initial Open Flow: _____	MCF/d	Oil: Initial Open Flow: _____	Bbl/d		
Final Open Flow: _____	* See Remarks	Final Open Flow: _____	Bbl/d		
Time of open flow between initial and final tests: _____ hours					
Static rock pressure: _____					

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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: James W. Reed Jr.
By: James W. Reed, Jr.
Date: 4-15-09

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Charleston, WV 25301

Farm Name: Ark Land

Well Name: AL-262

GEOLOGICAL RECORD

Formation	Top	Base
Sand & Shale	Surface	973
Eagle Shale Sd.	973	977
Sand & Shale	977	1039
Rosedale Sd.	1039	1077
Sand & Shale	1077	1217
Salt Sand	1217	1615
Sand & Shale	1615	1648
Ravenciff Sd.	1648	1700
Sand & Shale	1700	1844
Maxon Sd.	1844	1858
Sand & Shale	1858	1865
Little Lime	1865	1898
Pencil Cave	1898	1923

Formation	Top	Base
Greenbrier Ls.	1923	2070
Big Injun Sd.	2080	2095
Sand & Shale	2095	2143
Weir Sd.	2143	2272
Sand & Shale	2272	2523
Coffee Sh.	2523	2520
Devonian Sh.	2520	4182
Lower Huron Sh.	4182	4561
Sand & Shale	4561	5035
Rhinstreet Sh.	5035	5493
Sand & Shale	5493	5620
Marcellus Sh.	5620	5663
Onondaga Ls.	5663	5683