

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: LANTZ / WHEELING JES Operator Well No.: #1
 LOCATION: Elevation: 755' Quadrangle: PINE GROVE 7.5'
 District: GRANT County: WETZEL
 Latitude: 4.670 Feet South of 39 Deg. 31 Min. 49.3 Sec.
 Longitude 5.500 Feet West of 90 Deg. 38 Min. 37.8 Sec.

Company: Meadow Ridge Dev, LLC

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>PO Box 1589</u>	<u>13" 3/8"</u>	<u>209'</u>	<u>209'</u>	<u>CTS</u>
<u>WASHINGTON PA 15301</u>	<u>9 5/8"</u>	<u>1250'</u>	<u>1250'</u>	<u>CTS</u>
Agent: <u>GARTH PERKEY</u>	<u>7"</u>	<u>2100'</u>	<u>2100'</u>	<u>100 SACKS</u>
Inspector: <u>DAVE SCRANGE</u>	<u>4 1/2"</u>	<u>7064'</u>	<u>7064'</u>	<u>200 SACKS</u>
Date Permit Issued: <u>09/08/09</u>				
Date Well Work Commenced: <u>12/01/09</u>				
Date Well Work Completed: <u>12/05/09</u>				
Verbal Plugging: <u>NA</u>				
Date Permission granted on: <u>09/08/09</u>				
Rotary Cable Rig				
Total Depth (feet): <u>7064</u>				
Fresh Water Depth (ft.): <u>80'</u>				
Salt Water Depth (ft.): <u>1811'</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>88 to 92</u> <u>90 to 109</u>	<u>420-425</u>			

OPEN FLOW DATA

Producing formation MARCELLUS Pay zone depth (ft) 6980 - 7046
 Gas: Initial open flow 800K MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 800K MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 48 Hours
 Static rock Pressure 2750 psig (surface pressure) after 48 Hours
* RUGGED BACK
 Second producing formation GEORGETOWN Pay zone depth (ft) 6820
 Gas: Initial open flow 700 MCF/d Oil: Initial open flow N/A Bbl/d
 Final open flow 700 MCF/d Final open flow N/A Bbl/d
 Time of open flow between initial and final tests 24 Hours
 Static rock Pressure 2750 psig (surface pressure) after 24 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 GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: [Signature]
 By: KERRY CLEGG, MANAGER
 Date: 3/12/12 3RD SUBMISSION

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MAR 15 2012

WR-35 pg2
 Lantz #1
 12-04-09
 47-103-02334F

<u>Stage #1</u>	perfs	sand/water	avg rate	isip
Marcellus	7000-7046	327,620 lbs (s)	45 bpm	3866#
<i>* PLUGGED BACK</i>	108 holes	13,520 bbls (w)		
<u>Stage #2</u>	6820-6850	495,000 lbs (s)	57 bpm	3700#
<i>GENESSEE ONLY</i>	120 holes	8,500 bbls (w)		
<i>on 12/04/09</i>				

Drillers Log

Fill	0	25
Sd/Sh	25	88
Coal	88	92
Sd/Sh	92	96
Coal	96	104
Sd/Sh	104	420
Coal	420	425
Sd/Sh	425	698
Red Rk	698	730
Sd/Sh	730	1371
Sh	1371	1390
W/Sd	1390	1481
Sd	1481	1524
G/Sd/Sh	1524	1570
Red Rk	1570	1595
Sd/Sh	1595	1699
Sd	1699	1773
G/Sd	1773	1980
Sh	1980	2108
Inj Sd	2108	2135
Sd/Sh	2135	2542
Slr/Sd	2542	2580
Gor/Sd	2580	2600
Sd/Sh	2600	4850
Ril/Sd	4850	4860
Sd/Sh	4860	4970
Ben/Sd	4970	4990
Sd/Sh	4990	5255
Alz/Sd	5255	5345
Sd/Sh	5345	6670
Gen/Sh	6670	6854
Tul/Sd	6854	6980
Mar/Sh	6980	7044
Ond/Sd	7044	7064
TD	7064	

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