

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas  
Well Operator's Report of Well Work

DATE: March 8, 2012  
API #: 47-095-02023

Farm name: Roger Weese Operator Well No.: Everett Weese 1109

LOCATION: Elevation: 767' Quadrangle: Shirley

District: McElroy County: Tyler  
Latitude: 39.424869 Feet South of 39 Deg. 25 Min. 29.53 Sec.  
Longitude -80.809436 Feet West of 80 Deg. 48 Min. 33.97 Sec.

Company: Triad Hunter, LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>P.O. Box 430</u> <u>Reno, Ohio 45773</u>				
Agent: <u>Kimberly Arnold</u>	<u>20"</u>	<u>80'</u>	<u>80'</u>	
Inspector: <u>Joe Taylor</u>	<u>13 3/8"</u>	<u>440.78'</u>	<u>440.78'</u>	<u>408 cu. ft.</u>
Date Permit Issued: <u>05/04/2011</u>	<u>9 5/8"</u>	<u>2754.33'</u>	<u>2754.33'</u>	<u>1065 cu.ft.</u>
Date Well Work Commenced: <u>10/16/211</u>	<u>5 1/2"</u>	<u>12342.84'</u>	<u>12342.84'</u>	<u>3470 cu. ft.</u>
Date Well Work Completed: <u>12/12/2011</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>6369'</u>				
Total Measured Depth (ft): <u>12342'</u>				
Fresh Water Depth (ft.):				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>740'-741', 1055'-1057', 1159'-1160', 1202'-1204', 1218'-1220', 1245'-1248'</u>	<u>1358'-1360', 1515'-1518'</u>			
Void(s) encountered (N/Y) Depth(s) <u>None</u>				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Shale Pay zone depth (ft) 6384'  
Gas: Initial open flow 606 MCF/d Oil: Initial open flow 28.80 Bbl/d  
Final open flow 5918 MCF/d Final open flow 75.55 Bbl/d  
Time of open flow between initial and final tests 582 Hours  
Static rock Pressure 2507 psig (surface pressure) after 582 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 Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

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Environmental Protection

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

Roger Weese  
Signature

3-9-12  
Date

Were core samples taken? Yes \_\_\_\_\_ No \_\_\_\_\_

Were cuttings caught during drilling? Yes \_\_\_\_\_ No \_\_\_\_\_

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list \_\_\_\_\_

**NOTE: IN THE AREA BELOW 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 THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.**

Perforated Intervals, Fracturing, or Stimulating:

Please refer to attached perforation and fracture treatment report.

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered: \_\_\_\_\_ Top Depth \_\_\_\_\_ / \_\_\_\_\_ Bottom Depth \_\_\_\_\_  
Surface: \_\_\_\_\_

0'-400' sand and shale	1204'-1218' shale	1880'-2035' shale
400'-410' shale	1218'-1220' coal	2035'-2313' sand/shale/siltstone
410'-430' silty shale	1220'-1245' shale	2313'-2315' Berea
430'-740' shale	1245'-1248' coal	2315'-2753' Fifth Sand
740'-741' coal	1248'-1358' shale	2753'-3230' Shale
741'-945' shale	1358'-1360' coal	3230'-3270' Warren
945'-985' sand	1360'-1515' shale and sand	3270'-4397' Shale
985'-1055' shale	1515'-1518' coal	4397'-4429' Riley
1055'-1057' coal	1518'-1520' shale	4426'-4484' Shale
1057'-1115' shale	1520'-1585' Maxton	4484'-4486' Benson
1115'-1155' sand	1585'-1605' shale	4486'-6286' Shale
1155'-1159' shale	1605'-1625' Little Lime	6286'-6323' Hamilton
1159'-1160' coal	1625'-1635' Pencil Cave	6323'-6355' Tully
1160'-1202' shale	1635'-1720' Big Lime	6355' Marcellus
1202'-1204' coal	1720'-1881' Big Injun	

APPROVED  
DATE: 09/26/2012  
W. J. [unclear]  
Environmental Protection

Everett Weese 1109  
Perf Spacing for 18 stages

Stage Length: 308'  
 Num Clusters: 4 to 5  
 Dist between Perfs: 77'  
 Perf length: 3'  
 Stages: 18  
 Start Depth: 12342'  
 90 @: 6916'

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	Plug Depth	Interval 1	Interval 2	Interval 3	Interval 4	Interval 5	FT	PSI	PSI	BPM	BPM	Fluid Vol	lbs
Stage 1	12342	12226'-12223'	12210'-12207'	12143'-12140'	12075'-12073'	12008'-12005'	369	7355	8104	81.4	85.2	9600	427000
Stage 2	11973	11936'-11933'	11859'-11856'	11782'-11779'	11705'-11702'		308	7743	7803	83.7	86.5	8505	427000
Stage 3	11665	11628'-11625'	11551'-11548'	11474'-11471'	11397'-11394'		310	7808	8779	82.8	86.2	8318	427000
Stage 4	11355	11320'-11317'	11243'-11240'	11166'-11163'	11089'-11086'		306	7614		83		8220	427000
Stage 5	11049	11012'-11009'	10935'-10932'	10858'-10855'	10781'-10778'		308	7728	8004	81.1	84.6	8252	427000
Stage 6	10741	10704'-10701'	10627'-10624'	10550'-10547'	10473'-10470'		308	7505	8239	81.8	82.2	8252	427000
Stage 7	10433	10396'-10393'	10319'-10316'	10242'-10239'	10165'-10162'		308	7433	8632	82.6	85.6	8295	427000
Stage 8	10125	10088'-10085'	10011'-10008'	9934'-9931'	9857'-9854'		308	7420	8359	83.9	86	8860	427000
Stage 9	9817	9780'-9777'	9703'-9700'	9626'-9623'	9549'-9546'		308	7293	8525	83.3	86.7	8304	427000
Stage 10	9509	9472'-9469'	9395'-9392'	9318'-9315'	9241'-9238'		308	7275	8480	80.5	84.2	8394	427000
Stage 11	9201	9164'-9161'	9087'-9084'	9010'-9007'	8933'-8930'		308	7149	8378	80.9	86.9	9844	427000
Stage 12	8893	8856'-8853'	8779'-8776'	8702'-8699'	8625'-8622'		308	7266	8282	77.8	79.8	8088	427000
Stage 13	8585	8548'-8545'	8471'-8468'	8394'-8391'	8317'-8314'		308	7244	8330	80.4	83.1	8044	427000
Stage 14	8277	8240'-8237'	8163'-8160'	8086'-8083'	8009'-8006'		308	6932	8082	82.4	84.9	8158	427000
Stage 15	7969	7932'-7929'	7855'-7852'	7778'-7775'	7701'-7698'		308	7019	8039	79.6	83.5	8178	427000
Stage 16	7661	7624'-7621'	7547'-7544'	7470'-7467'	7393'-7390'		301	6980	8123	80.8	82.9	8086	427000
Stage 17	7360	7316'-7313'	7239'-7236'	7162'-7159'	7085'-7082'		315	6831	8326	81.3	83	8204	427000
Stage 18	7045	7008'-7005'	6931'-6928'	6854'-6851'	6777'-6774'		308	6455	7646	70.4	70.7	7705	427000