

WR-35
Rev (9-11)

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

DATE: 9/3/2013
API #: 47-103-02806

Farm name: Nancy & John Font, et al Operator Well No.: 511401

LOCATION: Elevation: 924' Quadrangle: Big Run

District: Grant County: Wetzel
Latitude: 426 Feet South of 39 Deg. 35 Min. 00 Sec.
Longitude 10,024 Feet West of 80 Deg. 35 Min. 00 Sec.

Company: EQT Production Company

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
EQT Plaza, Suite 1700 625 Liberty Avenue, Pittsburgh, PA 15222	26	42	42	60
Agent: Cecil Ray	13 3/8	370	370	464
Inspector: Derek Haught	9 5/8	2,910	2,910	2,503
Date Permit Issued: 8/17/2012	5 1/2	10,496	10,496	1,563
Date Well Work Commenced: 10/10/2012				
Date Well Work Completed: 1/12/2013				
Verbal Plugging: N/A				
Date Permission granted on: N/A				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 6,960'				
Total Measured Depth (ft): 10,516'				
Fresh Water Depth (ft.): 282'				
Salt Water Depth (ft.): 1,900'				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 178', 538', 643', 1,153', 1,503', 1,526'				
Void(s) encountered (N/Y) Depth(s) No				

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

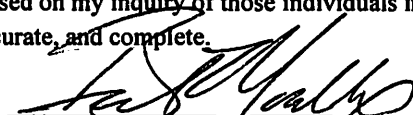
Producing formation Marcellus Pay zone depth (ft) 6,937
Gas: Initial open flow 4,080 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 1,296 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 16 Hours
Static rock Pressure 1,216 psig (surface pressure) after 280.5 Hours

Second producing formation No second 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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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.


Signature

9/3/2013
Date

01/10/2014

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list MWD Gamma, CBL, and Geophysical logs

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:

See Attachment

Lost pressure during stage 6. Will return for remedial work. Flowed back well for 16 hours with gas flow and all plugs still in hole. Flowed well to GB for long time (280.5 hours) to monitor well.

Plug Back Details Including Plug Type and Depth(s): N/A

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth
Surface: _____

Sand/shale / 0 / 178 / 178 -- Coal / 178 / 181 / 3 --
 Sand/shale / 181 / 538 / 357 -- Coal / 538 / 540 / 2 -- Sand/shale / 540 / 643 / 103 --
 Coal / 643 / 646 / 3 -- Sand/shale / 646 / 1,153 / 507 -- Coal / 1,153 / 1,155 / 2 --
 Sand/shale / 1,155 / 1,503 / 348 -- Coal / 1,503 / 1,505 / 2 -- Sand/shale / 1,505 / 1,526 / 21 --
 Coal / 1,526 / 1,532 / 6 -- Sand/shale / 1,532 / 1,773 / 241 -- MAXTON / 1,773 / 1,889 / 116 --
 BIG LIME / 1,889 / 2,271 / 382 -- WEIR / 2,271 / 2,445 / 174 -- GANTZ / 2,445 / 2,596 / 151 --
 50F / 2,596 / 2,667 / 71 -- 30F / 2,667 / 2,714 / 47 -- GORDON / 2,714 / 2,801 / 87 --
 4TH / 2,801 / 2,853 / 52 -- BAYARD / 2,853 / 3,386 / 533 -- WARREN / 3,386 / 3,532 / 146 --
 SPEECHLEY / 3,532 / 3,900 / 368 -- BALLTOWN A / 3,900 / 4,354 / 454 -- RILEY / 4,354 / 5,011 / 657 --
 BENSON / 5,011 / 5,367 / 356 -- ALEXANDER / 5,367 / 6,379 / 1,012 -- RHINESTREET / 6,379 / 6,516 / 137 --
 SONYEA / 6,516 / 6,685 / 169 -- MIDDLESEX / 6,685 / 6,722 / 37 -- GENESSEE / 6,722 / 6,729 / 7 --
 GENESEO / 6,729 / 6,828 / 99 -- TULLY / 6,828 / 6,853 / 25 -- HAMILTON / 6,853 / 6,937 / 84 --
 MARCELLUS / 6,937 / 6,960 / 23 --

103.02806

511401 - Perforations

Zone/Stage	Date	Top Plug Depth (ftKB)	Bottom Plug Depth (ftKB)	Top Perf Depth (ftKB)	Bottom Perf Depth (ftKB)	Shots/ft
1	8/3/13 20:45	10,199.00	NA	10,228.00	10,410.00	4
2	9/23/13 22:40	9,899.00	10,199.00	9,928.00	10,170.00	4
3	9/24/13 3:29	9,599.00	9,899.00	9,628.00	9,870.00	4
4	9/24/13 10:35	9,299.00	9,599.00	9,330.00	9,570.00	4
5	9/24/13 16:06	8,999.00	9,299.00	9,028.00	9,270.00	4
6	9/24/13 23:34	NA	8,999.00	8,728.00	8,970.00	4

511401 - Stimulated Stages

Zone/Stage	P Break (psi)	Avg Treat Pressure (psi)	Avg rate (bbl/min)	ISIP (psi)	Frac Gradient (psi/ft)	15 Min. SIP (psi)	Vol Water Pump (bbl)	Start Date	End Date	Proppant (lb)
1	8,640.00	7,999.00	95.1	5,243.00	1.19	4,151.00	10043	9/23/2013 18:06	9/23/2013 21:26	401,373
2	6,673.00	8,170.00	91.3	4,769.00	1.12	4,028.00	9682	9/23/2013 23:50	9/24/2013 2:23	397,267
3	6,697.00	8,167.00	91.4	5,013.00	1.15	4,245.00	9676	9/24/2013 6:00	9/24/2013 8:18	399,420
4	7,220.00	8,175.00	96.6	4,982.00	1.15	4,124.00	9501	9/24/2013 12:39	9/24/2013 14:44	400,840
5	7,534.00	8,100.00	88.9	5,056.00	1.16	4,219.00	9403	9/24/2013 19:41	9/24/2013 22:15	397,302
6	6,300.00	8,082.00	91.8	3,640.00	0.96	2,487.00	9290	9/25/2013 2:07	9/25/2013 4:42	399,047

01/10/2014