

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: 1/3/2013
API #: 47-103-02855

PM

Farm name: Richard Dallison ET AL Operator Well No.: 513919

LOCATION: Elevation: 1452 Quadrangle: Big Run 7.5'

District: Grant County: Wetzel
Latitude: 5159 Feet South of 39 Deg. 32 Min. 30 Sec.
Longitude 11410 Feet West of 80 Deg. 32 Min. 30 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	20"	40	40	44.84
Agent: Rex C. Ray	13-3/8"	997	997	1017
Inspector: Derek Haught	9-5/8"	2766	2766	1349
Date Permit Issued: 2/21/2013	5-1/2"	13494	13494	2412
Date Well Work Commenced: 2/25/2013				
Date Well Work Completed: 12/17/2013				
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): 7535				
Total Measured Depth (ft): 13493				
Fresh Water Depth (ft.): 783				
Salt Water Depth (ft.): 2260, 2373				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 737, 807, 922, 1012, 1244				
Void(s) encountered (N/Y) Depth(s) N				

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

Producing formation Genesee Pay zone depth (ft) 500

Gas: Initial open flow 245 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 9,348 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 107.5 Hours

Static rock Pressure 1,809 psig (surface pressure) after 60 hours

Second producing formation: _____ Pay zone depth (ft) _____

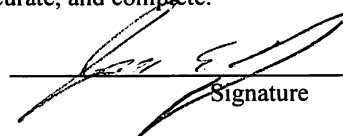
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

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

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

9/8/2014
Date

08/12/2022

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 Gyro, Gamma, & CBL

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

Amended Report with Flow Back Data

Performed additional injection test after stage 8 due to screenout

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

Formations Encountered: Surface:	Top Depth	/	Bottom Depth
Sand/Shale 0/737/737			Riley 5006/5640.2/634.2
Coal 737/738/1			Benson 5640.2/5956.6/316.4
Sand/Shale 738/807/69			Alexander 5956.60/6895.90/939.3
Coal 807/ 817/10			Rhinestreet 6895.9/7194.7/298.3
Sand/Shale 817/922/105			Sonyea 7194.7/7361.3/166.6
Coal 922/927/5			Middlesex 7361.3/7394.4/33.1
Sand/Shale 927/1012/85			Genessee 7394.4/7500.2/105.8
Coal 1012/1022/10			Geneseo 7500.2/7535/34.8
Sand/Shale 1022/1244/222			
Coal 1244/1,246/ 2			
Sand/Shale 1,246 /2484/ 1238			
Big Lime 2484/3111/627			
Gordon 3111/3966/855			
Warren 3966/4117/151			
Speechley 4117/5006/889			

08/12/2022

513919 - Perforations

Zone/Stage	Date	Top Plug Depth (ftKB)	Bottom Plug Depth (ftKB)	Top Perf Depth (ftKB)	Bottom Perf Depth (ftKB)	Shots/ft
Toe Pop	2/24/14 11:50	13,266.00	NA	13,467.00	13,470.00	NA
1	2/24/14 19:14	13,266.00	NA	13,287.00	13,424.00	4
2	2/25/14 3:08	13,041.00	13,266.00	13,062.00	13,240.00	4
3	2/25/14 8:58	12,816.00	13,041.00	12,837.00	13,019.00	4
4	2/25/14 17:57	12,593.00	12,816.00	12,612.00	12,794.00	4
5	2/26/14 2:10	12,366.00	12,593.00	12,387.00	12,569.00	4
6	2/26/14 11:21	12,141.00	12,366.00	12,162.00	12,344.00	4
7	2/26/14 17:27	11,916.00	12,141.00	11,937.00	12,119.00	4
8	2/26/14 23:16	11,691.00	11,916.00	11,715.00	11,894.00	4
9	2/27/14 16:41	11,466.00	11,691.00	11,487.00	11,669.00	4
10	2/28/14 0:52	11,241.00	11,466.00	11,262.00	11,444.00	4
11	2/28/14 6:59	11,016.00	11,241.00	11,037.00	11,219.00	4
12	2/28/14 14:42	10,788.00	11,016.00	10,812.00	10,994.00	4
13	2/28/14 20:03	10,566.00	10,788.00	10,587.00	10,769.00	4
14	3/1/14 0:48	10,341.00	10,566.00	10,362.00	10,544.00	4
15	3/1/14 5:39	10,116.00	10,341.00	10,137.00	10,319.00	4
16	3/1/14 14:30	9,891.00	10,116.00	9,912.00	10,094.00	4
17	3/1/14 21:11	9,666.00	9,891.00	9,687.00	9,869.00	4
18	3/2/14 4:40	9,441.00	9,666.00	9,462.00	9,644.00	4
19	3/2/14 9:29	9,216.00	9,441.00	9,237.00	9,419.00	4
20	3/2/14 15:14	8,991.00	9,216.00	9,012.00	9,194.00	4
21	3/3/14 6:04	8,766.00	8,991.00	8,787.00	8,969.00	4
22	3/3/14 10:53	8,543.00	8,766.00	8,562.00	8,744.00	4
23	3/3/14 20:26	8,316.00	8,543.00	8,337.00	8,519.00	4
24	3/4/14 1:29	NA	8,316.00	8,112.00	8,294.00	4

513919 - 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)	Fluid Volume (bbl)	Start Date	End Date	Proppant (lb)
Toe Pop	NA	8,592.00	9.0	NA	NA	NA	1,323	2/24/2014 11:45	2/24/2014 15:46	NA
1	6,911.00	8,502.00	92.4	3,018.00	0.9	3,096.00	7,587	2/24/2014 22:58	2/25/2014 0:46	304,763
2	7,447.00	8,316.00	95.0	3,793.00	0.94	3,304.00	7,708	2/25/2014 5:00	2/25/2014 6:47	309,069
3	7,109.00	8,082.00	95.5	2,753.00	0.96	3,447.00	8,112	2/25/2014 11:13	2/25/2014 13:06	305,637
4	7,148.00	8,635.00	93.1	2,952.00	0.98	3,406.00	7,404	2/25/2014 20:50	2/25/2014 23:22	302,211
5	7,666.00	8,291.00	98.4	2,662.00	0.96	3,434.00	7,608	2/26/2014 7:40	2/26/2014 9:22	302,110
6	6,771.00	8,007.00	98.1	3,037.00	0.94	3,434.00	7,244	2/26/2014 13:21	2/26/2014 15:19	302,965
7	6,454.00	7,919.00	100.8	2,991.00	0.98	3,514.00	7,630	2/26/2014 19:38	2/26/2014 21:15	305,559
8	6,909.00	8,105.00	99.1	2,902.00	1.7	NA	7,354	2/27/2014 2:13	2/27/2014 3:55	302,463
Inj Test	NA	3,828.00	6.3	2,778.00	1.03	NA	2,551	2/27/2014 8:36	2/27/2014 14:35	NA
9	6,204.00	8,530.00	98.9	2,814.00	0.98	3,499.00	7,486	2/27/2014 21:17	2/27/2014 22:59	303,851
10	7,014.00	7,957.00	94.4	2,968.00	0.92	3,363.00	7,745	2/28/2014 3:15	2/28/2014 5:03	304,393
11	7,538.00	8,330.00	98.0	2,967.00	0.94	3,343.00	7,482	2/28/2014 10:56	2/28/2014 12:39	306,309
12	7,215.00	8,066.00	100.1	2,913.00	0.92	3,358.00	7,552	2/28/2014 16:27	2/28/2014 18:11	304,115
13	6,586.00	7,818.00	100.0	2,896.00	0.92	3,366.00	7,489	2/28/2014 21:31	2/28/2014 23:08	304,426
14	6,767.00	7,831.00	97.6	2,927.00	0.89	3,250.00	7,730	3/1/2014 2:15	3/1/2014 3:58	303,453
15	7,290.00	7,534.00	94.1	2,728.00	0.94	3,393.00	7,430	3/1/2014 11:13	3/1/2014 12:51	304,061
16	7,168.00	8,045.00	97.9	3,081.00	0.89	3,163.00	7,421	3/1/2014 17:07	3/1/2014 19:19	303,235
17	6,790.00	7,824.00	98.4	2,681.00	0.91	3,271.00	7,312	3/2/2014 1:23	3/1/2014 3:00	301,606
18	7,051.00	7,781.00	99.2	2,890.00	0.94	3,346.00	7,464	3/2/2014 6:19	3/2/2014 7:55	306,370
19	6,687.00	8,060.00	97.4	3,003.00	0.94	3,396.00	7,374	3/2/2014 11:14	3/2/2014 12:48	303,469
20	6,314.00	8,052.00	98.4	2,545.00	0.92	3,295.00	7,441	3/2/2014 23:45	3/3/2014 1:23	303,293
21	6,795.00	7,499.00	99.0	2,563.00	0.93	3,252.00	7,402	3/3/2014 7:31	3/3/2014 9:04	301,970
22	6,957.00	7,796.00	98.8	2,609.00	0.93	3,145.00	7,451	3/3/2014 17:06	3/3/2014 18:41	303,740
23	6,525.00	8,215.00	98.1	2,801.00	0.9	3,120.00	7,438	3/3/2014 22:11	3/3/2014 23:50	303,678
24	6,285.00	7,966.00	95.7	2,615.00	0.93	3,200.00	7,384	3/4/2014 8:17	3/4/2014 9:50	298,167