

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: 9/24/2013
API #: 47-017-06217

Farm name: Sue Ann Spiker Operator Well No.: 514415

LOCATION: Elevation: 1,254' Quadrangle: Smithburg

District: New Milton County: Doddridge, WV
Latitude: 10.516 Feet South of 39 Deg. 17 Min. 30 Sec.
Longitude 8.478 Feet West of 80 Deg. 42 Min. 30 Sec.

Company: EQT Production Company

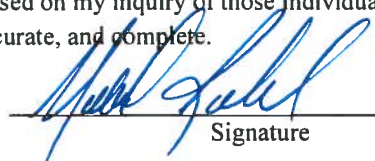
| Address: | Casing & Tubing | Used in drilling | Left in well | Cement fill up Cu. Ft. |
|---|-----------------|------------------|--------------|------------------------|
| EQT Plaza, Suite 1700 625 Liberty Avenue, Pittsburgh, PA 15222 | 20 | 72 | 72 | 82 |
| Agent: Cecil Ray | 13 3/8 | 665 | 665 | 678 |
| Inspector: Sam Ward | 9 5/8 | 5,586 | 5,586 | 1,819 |
| Date Permit Issued: 3/22/13 | 5 1/2 | 13,266 | 13,266 | 2,162 |
| Date Well Work Commenced: 3/28/13 | | | | |
| Date Well Work Completed: 6/7/13 | | | | |
| 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): 6,791' | | | | |
| Total Measured Depth (ft): 13,279' | | | | |
| Fresh Water Depth (ft.): 106', 576' | | | | |
| Salt Water Depth (ft.): No visible show. | | | | |
| Is coal being mined in area (N/Y)? No | | | | |
| Coal Depths (ft.): 281', 557', 628', 1,207', 1,376' | | | | |
| 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) 6,732
Gas: Initial open flow 2,300 MCF/d Oil: Initial open flow 24 Bbl/d
Final open flow 12,827 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 93 Hours
Static rock Pressure 1,876 psig (surface pressure) after 93 Hours

Second producing formation N/A 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

7/17/2014
Date

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, CBL, and Gamma 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

Amended Report With Flow Back Data

Additional injection tests performed on stages 8 and 14 due to screenouts

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

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

SAND / SHALE / 0 / 281 / 281 --

COAL / 281 / 285 / 4 -- SAND / SHALE / 285 / 557 / 272 --

COAL / 557 / 560 / 3 -- SAND / SHALE / 560 / 628 / 68 --

COAL / 628 / 633 / 5 -- SAND / SHALE / 633 / 1,207 / 574 --

COAL / 1,207 / 1,210 / 3 -- SAND / SHALE / 1,210 / 1,376 / 166 --

COAL / 1,376 / 1,381 / 5 -- SAND / SHALE / 1,381 / 2,657 / 1,276 --

GORDON / 2,657 / 3,257 / 600 -- WARREN / 3,257 / 3,336 / 79 --

SPEECHLEY / 3,336 / 3,993 / 663 -- BALLTOWN B / 3,993 / 4,194 / 195 --

BRADFORD / 4,194 / 4,470 / 276 -- RILEY / 4,470 / 4,816 / 346 --

BENSON / 4,816 / 5,012 / 196 -- ALEXANDER / 5,012 / 5,903 / 891 --

RHINESTREET / 5,903 / 5,921 / 18 -- SONYEA / 5,921 / 6,582 / 661 --

MIDDLESEX / 6,582 / 6,616 / 34 -- GENESSEE / 6,616 / 6,662 / 46 --

GENESE0 / 6,662 / 6,676 / 14 -- TULLY / 6,676 / 6,700 / 24 --

HAMILTON / 6,700 / 6,732 / 32 -- Marcellus blk shale / 6,732 / 6,791 / 59 --

514415 - Perforations

| Zone/Stage | Date | Top Plug Depth (ftKB) | Bottom Plug Depth (ftKB) | Top Perf Depth (ftKB) | Bottom Perf Depth (ftKB) | Shots/ft |
|------------|---------------|-----------------------|--------------------------|-----------------------|--------------------------|----------|
| Toe Pop | 3/20/14 16:57 | 13,103.00 | NA | 13,238.00 | 13,241.00 | NA |
| 1 | 3/20/14 22:50 | 13,103.00 | NA | 13,117.00 | 13,207.00 | 4 |
| 2 | 3/21/14 3:51 | 12,953.00 | 13,103.00 | 12,967.00 | 13,089.00 | 4 |
| 3 | 3/21/14 8:35 | 12,803.00 | 12,953.00 | 12,817.00 | 12,939.00 | 4 |
| 4 | 3/21/14 13:15 | 12,653.00 | 12,806.00 | 12,667.00 | 12,789.00 | 4 |
| 5 | 3/21/14 21:06 | 12,503.00 | 12,653.00 | 12,517.00 | 12,639.00 | 4 |
| 6 | 3/22/14 3:46 | 12,353.00 | 12,503.00 | 12,367.00 | 12,489.00 | 4 |
| 7 | 3/22/14 10:00 | 12,203.00 | 12,353.00 | 12,217.00 | 12,339.00 | 4 |
| 8 | 3/22/14 13:35 | 12,053.00 | 12,203.00 | 12,067.00 | 12,189.00 | 4 |
| 9 | 3/23/14 13:35 | 11,903.00 | 12,053.00 | 11,917.00 | 12,039.00 | 4 |
| 10 | 3/23/14 22:56 | 11,753.00 | 11,903.00 | 11,767.00 | 11,889.00 | 4 |
| 11 | 3/24/14 3:03 | 11,603.00 | 11,753.00 | 11,617.00 | 11,739.00 | 4 |
| 12 | 3/24/14 6:30 | 11,453.00 | 11,603.00 | 11,467.00 | 11,589.00 | 4 |
| 13 | 3/24/14 10:00 | 11,303.00 | 11,453.00 | 11,317.00 | 11,439.00 | 4 |
| 14 | 3/24/14 14:00 | 11,153.00 | 11,303.00 | 11,167.00 | 11,289.00 | 4 |
| 15 | 3/25/14 0:39 | 11,003.00 | 11,153.00 | 11,017.00 | 11,139.00 | 4 |
| 16 | 3/25/14 4:40 | 10,853.00 | 11,003.00 | 10,867.00 | 10,989.00 | 4 |
| 17 | 3/25/14 22:48 | 10,703.00 | 10,853.00 | 10,717.00 | 10,837.00 | 4 |
| 18 | 3/26/14 3:22 | 10,553.00 | 10,703.00 | 10,567.00 | 10,687.00 | 4 |
| 19 | 3/26/14 13:40 | 10,403.00 | 10,553.00 | 10,417.00 | 10,539.00 | 4 |
| 20 | 3/26/14 21:11 | 10,253.00 | 10,403.00 | 10,267.00 | 10,389.00 | 4 |
| 21 | 3/27/14 2:00 | 10,103.00 | 10,253.00 | 10,177.00 | 10,237.00 | 4 |
| 22 | 3/27/14 4:23 | 9,953.00 | 10,103.00 | 9,967.00 | 10,087.00 | 4 |
| 23 | 3/27/14 8:59 | 9,803.00 | 9,953.00 | 9,817.00 | 9,939.00 | 4 |
| 24 | 3/27/14 13:30 | 9,653.00 | 9,803.00 | 9,667.00 | 9,939.00 | 4 |
| 25 | 3/27/14 18:37 | 9,503.00 | 9,653.00 | 9,517.00 | 9,637.00 | 4 |
| 26 | 3/27/14 22:14 | 9,353.00 | 9,503.00 | 9,367.00 | 9,487.00 | 4 |
| 27 | 3/28/14 6:05 | 9,203.00 | 9,353.00 | 9,217.00 | 9,339.00 | 4 |
| 28 | 3/28/14 7:01 | 9,053.00 | 9,203.00 | 9,067.00 | 9,189.00 | 4 |
| 29 | 3/28/14 10:35 | 8,903.00 | 9,053.00 | 8,917.00 | 9,039.00 | 4 |
| 30 | 3/28/14 18:30 | 8,753.00 | 8,903.00 | 8,767.00 | 8,887.00 | 4 |
| 31 | 3/29/14 2:31 | 8,603.00 | 8,753.00 | 8,617.00 | 8,737.00 | 4 |
| 32 | 3/29/14 4:25 | 8,453.00 | 8,603.00 | 8,467.00 | 8,587.00 | 4 |
| 33 | 3/29/14 6:39 | 8,303.00 | 8,453.00 | 8,317.00 | 8,439.00 | 4 |
| 34 | 3/29/14 15:06 | 8,153.00 | 8,303.00 | 8,167.00 | 8,289.00 | 4 |
| 35 | 3/29/14 20:35 | 8,003.00 | 8,153.00 | 8,017.00 | 8,137.00 | 4 |
| 36 | 3/30/14 1:22 | 7,853.00 | 8,003.00 | 7,867.00 | 7,987.00 | 4 |
| 37 | 3/30/14 12:05 | 7,703.00 | 7,853.00 | 7,717.00 | 7,837.00 | 4 |
| 38 | 3/30/14 14:11 | NA | 7,303.00 | 7,567.00 | 7,689.00 | 4 |

514415 - 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 | 7,151.00 | 14.8 | NA | NA | NA | 878 | 3/20/2014 17:36 | 3/20/2014 18:33 | NA |
| 1 | 5,775.00 | 8,262.00 | 88.5 | 4,413.00 | 1.08 | 3,030.00 | 5,353 | 3/21/2014 1:00 | 3/21/2014 2:15 | 200,500 |
| 2 | 5,653.00 | 8,505.00 | 93.9 | 5,011.00 | 1.17 | 3,534.00 | 5,488 | 3/21/2014 6:30 | 3/21/2014 8:30 | 200,100 |
| 3 | 6,137.00 | 8,412.00 | 88.0 | 5,124.00 | 1.19 | 3,480.00 | 5,124 | 3/21/2014 10:45 | 3/21/2014 13:00 | 202,400 |
| 4 | 6,679.00 | 8,659.00 | 85.4 | 5,421.00 | 1.23 | 3,754.00 | 5,197 | 3/21/2014 18:08 | 3/21/2014 19:30 | 202,600 |
| 5 | 5,555.00 | 8,335.00 | 94.4 | 5,384.00 | 1.23 | 3,754.00 | 5,055 | 3/22/2014 0:51 | 3/22/2014 2:11 | 202,300 |
| 6 | 5,504.00 | 8,242.00 | 93.6 | 5,722.00 | 1.28 | 3,859.00 | 5,269 | 3/22/2014 6:45 | 3/22/2014 9:10 | 202,400 |
| 7 | 5,390.00 | 8,378.00 | 93.6 | 5,279.00 | 1.29 | 3,354.00 | 5,145 | 3/22/2014 11:45 | 3/22/2014 13:30 | 197,700 |
| 8 | 5,439.00 | 8,012.00 | 94.6 | 5,467.00 | 1.24 | NA | 6,714 | 3/22/2014 15:40 | 3/23/2014 6:15 | 201,800 |
| Inj Test | NA | 5,167.00 | 12.3 | 5,519.00 | 1.23 | NA | 1,073 | 3/23/2014 11:45 | 3/23/2014 13:30 | NA |
| 9 | 5,394.00 | 8,108.00 | 97.1 | 5,316.00 | 1.22 | 3,968.00 | 5,208 | 3/23/2014 20:31 | 3/23/2014 21:30 | 200,100 |
| 10 | 5,702.00 | 8,043.00 | 98.6 | 5,404.00 | 1.23 | 3,978.00 | 4,914 | 3/24/2014 0:23 | 3/24/2014 1:35 | 200,500 |
| 11 | 5,398.00 | 8,021.00 | 100.3 | 5,151.00 | 1.19 | 4,088.00 | 4,814 | 3/24/2014 4:38 | 3/24/2014 5:50 | 196,700 |
| 12 | 5,170.00 | 7,993.00 | 97.1 | 5,441.00 | 1.24 | 4,266.00 | 4,968 | 3/24/2014 8:20 | 3/24/2014 9:55 | 199,800 |
| 13 | 5,150.00 | 8,177.00 | 98.4 | 5,348.00 | 1.22 | 4,255.00 | 5,090 | 3/24/2014 12:50 | 3/24/2014 14:23 | 200,500 |
| 14 | 6,318.00 | 8,012.00 | 98.7 | 5,941.00 | 1.84 | NA | 4,884 | 3/24/2014 17:00 | 3/24/2014 18:32 | 200,000 |
| Inj Test | NA | 3,954.00 | 10.6 | 5,167.00 | 1.2 | NA | 784 | 3/24/2014 21:32 | 3/24/2014 22:45 | NA |
| 15 | 5,563.00 | 7,791.00 | 100.0 | 5,142.00 | 1.19 | 3,860.00 | 4,906 | 3/25/2014 1:59 | 3/25/2014 3:08 | 196,700 |
| 16 | 6,232.00 | 7,936.00 | 99.7 | 4,690.00 | 1.13 | 3,661.00 | 4,994 | 3/25/2014 20:12 | 3/25/2014 21:24 | 200,400 |
| 17 | 6,425.00 | 8,003.00 | 99.1 | 4,957.00 | 1.16 | 4,046.00 | 4,971 | 3/26/2014 0:43 | 3/26/2014 1:56 | 200,200 |
| 18 | 6,121.00 | 8,009.00 | 99.3 | 5,347.00 | 1.22 | 4,157.00 | 5,056 | 3/26/2014 10:57 | 3/26/2014 12:09 | 204,700 |
| 19 | 5,619.00 | 8,027.00 | 99.2 | 5,230.00 | 1.2 | 4,018.00 | 4,727 | 3/26/2014 15:22 | 3/26/2014 16:29 | 201,500 |
| 20 | 5,547.00 | 7,640.00 | 100.4 | 4,899.00 | 1.16 | 4,163.00 | 5,235 | 3/26/2014 22:25 | 3/26/2014 23:41 | 202,200 |
| 21 | 5,639.00 | 7,967.00 | 100.2 | 4,551.00 | 1.11 | 3,493.00 | 5,049 | 3/27/2014 2:31 | 3/27/2014 3:43 | 204,600 |
| 22 | 5,653.00 | 7,801.00 | 100.1 | 5,234.00 | 1.21 | 3,998.00 | 5,027 | 3/27/2014 6:36 | 3/27/2014 7:46 | 199,800 |
| 23 | 6,104.00 | 7,655.00 | 100.3 | 5,091.00 | 1.19 | 3,891.00 | 5,249 | 3/27/2014 0:00 | 3/27/2014 0:00 | 199,800 |
| 24 | 5,957.00 | 7,747.00 | 100.4 | 5,122.00 | 1.19 | 4,020.00 | 4,907 | 3/27/2014 15:01 | 3/27/2014 16:09 | 201,600 |
| 25 | 5,241.00 | 7,194.00 | 96.2 | 5,063.00 | 1.18 | 4,311.00 | 4,901 | 3/27/2014 19:46 | 3/27/2014 20:53 | 202,200 |
| 26 | 6,180.00 | 7,308.00 | 100.1 | 5,124.00 | 1.19 | 3,762.00 | 4,721 | 3/28/2014 1:54 | 3/28/2014 2:57 | 200,900 |
| 27 | 5,849.00 | 7,456.00 | 100.5 | 5,139.00 | 1.19 | 4,061.00 | 4,784 | 3/28/2014 7:01 | 3/28/2014 7:01 | 198,900 |
| 28 | 6,555.00 | 7,582.00 | 98.2 | 6,555.00 | 1.18 | 4,163.00 | 4,816 | 3/28/2014 7:01 | 3/28/2014 7:01 | 199,700 |
| 29 | 5,651.00 | 7,386.00 | 99.5 | 5,007.00 | 1.17 | 4,078.00 | 4,794 | 3/28/2014 16:22 | 3/28/2014 17:28 | 200,300 |
| 30 | 6,218.00 | 7,643.00 | 100.8 | 4,975.00 | 1.17 | 3,942.00 | 4,796 | 3/28/2014 21:57 | 3/28/2014 23:00 | 202,100 |
| 31 | 5,876.00 | 7,700.00 | 100.5 | 5,073.00 | 1.18 | 3,902.00 | 4,790 | 3/29/2014 1:27 | 3/29/2014 2:31 | 203,400 |
| 32 | 5,904.00 | 7,486.00 | 100.5 | 5,142.00 | 1.19 | 3,977.00 | 4,821 | 3/29/2014 5:12 | 3/29/2014 6:16 | 199,000 |
| 33 | 5,286.00 | 7,870.00 | 97.9 | 5,061.00 | 1.18 | 4,095.00 | 4,814 | 3/29/2014 6:39 | 3/29/2014 6:39 | 197,900 |
| 34 | 5,345.00 | 7,887.00 | 99.6 | 4,910.00 | 1.16 | 4,090.00 | 4,782 | 3/29/2014 15:06 | 3/29/2014 15:06 | 202,100 |
| 35 | 5,939.00 | 7,370.00 | 100.2 | 5,085.00 | 1.18 | 3,699.00 | 4,751 | 3/29/2014 22:23 | 3/29/2014 23:26 | 201,500 |
| 36 | 5,364.00 | 7,551.00 | 100.9 | 4,756.00 | 1.14 | 3,785.00 | 4,826 | 3/30/2014 2:39 | 3/30/2014 3:47 | 200,200 |
| 37 | 5,052.00 | 7,655.00 | 99.4 | 4,978.00 | 1.17 | 3,603.00 | 4,667 | 3/30/2014 6:00 | 3/30/2014 6:30 | 194,300 |
| 38 | 5,359.00 | 8,070.00 | 96.2 | 4,203.00 | 1.07 | 2,579.00 | 4,711 | 3/30/2014 14:11 | 3/30/2014 14:11 | 199,600 |