

Well Operator's Report of Well Work



Where energy meets innovation.

Well Number: 516125

API: 47 - 103 - 03067

Submission: Initial Amended

Notes: Amended With Flowback. Following is the WR-35 (as amended to include Flowback data) for N. Henderson Well #516125. Included is a copy of the following, each of which was sent as part of the initial Report: The FracFocus Disclosure, the Perforations and the Stimulated Stages attachments, Survey materials, a "Depths" attachment and the well's "As-Drilled" plat. Please note that Statoil Onshore Properties, Inc. (A Subsidiary Of EQT Corp.) performed the drilling operations for this well; EQT performed the Stim. ops

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

API 47-103-03067 County Wetzel District Center
Quad Littleton Pad Name North Henderson Field/Pool Name Marcellus
Farm name Howard Henderson Well Number 516125 North Henderson North Unit 3H
Operator (as registered with the OOG) Statoil USA Onshore Properties, INC (A Subsidiary of EQT Corp.)
Address 625 Liberty Ave, Suite 1700 City Pittsburgh State PA Zip 15222

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 436521.44 Easting 1665277.6
Landing Point of Curve Northing 437166.58 Easting 1665090.52
Bottom Hole Northing 442339.17 Easting 1659959.26

Elevation (ft) 1342 GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)
12.9 ppg synthetic based - 2-Propanol, PNP, N/10 Sulfuric acid, Phenolphthalein, Potassium Chromate, 0.282N Silver Nitrate

Date permit issued 4/28/15 Date drilling commenced 5/24/15 Date drilling ceased 6/2/15
Date completion activities began 12/26/2017 Date completion activities ceased 01/28/2018
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 622 Open mine(s) (Y/N) depths _____
Salt water depth(s) ft 2077 Void(s) encountered (Y/N) depths _____
Coal depth(s) ft 755, 822, 1102, 1182, 1222 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

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N

Reviewed by:

DMH

Reviewea

WR-35
Rev. 8/23/13

API 47-103 - 03067 Farm name Howard Henderson Well number 516125 North Henderson North Unit 3H

| CASING STRINGS | Hole Size | Casing Size | Depth | New or Used | Grade w/ft | Basket Depth(s) | Did cement circulate (Y/N) * Provide details below* |
|---------------------------|-----------|-------------|-------|-------------|------------|-----------------|--|
| Conductor | 24 | 20 | 120 | NEW | A-500 | N/A | Y |
| Surface | 17 1/2 | 13 3/8 | 674 | NEW | J-55 | N/A | Y |
| Coal | | | | | | | |
| Intermediate 1 | 12 1/4 | 9 5/8 | 2711 | NEW | J-55 | N/A | Y |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | 8 1/2 | 5 1/2 | 15258 | NEW | P-110EC | N/A | N |
| Tubing | | | | | | | |
| Packer type and depth set | | | | | | | |

Comment Details _____

| CEMENT DATA | Class/Type of Cement | Number of Sacks | Slurry wt (ppg) | Yield (ft ³ /sks) | Volume (ft ³) | Cement Top (MD) | WOC (hrs) |
|----------------|----------------------|-----------------|-----------------|------------------------------|---------------------------|-----------------|-----------|
| Conductor | | | | | | | |
| Surface | CLASS A | 290 | 15.8 | 2.3 | 667 | 0 | 8 |
| Coal | | | | | | | |
| Intermediate 1 | CLASS A | 480 | 15.8 | 2.3 | 1104 | 0 | 8 |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | CLASS H | 2690 | 14.8 | 1.16 | 3120 | 687 | 72+ |
| Tubing | | | | | | | |

Drillers TD (ft) 15282 Loggers TD (ft) N/A
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 6790

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

SURFACE = 1 centralizer w/ stop collar 10 ft above float shoe. One Single Bow every joint to 100ft below surface.
 INTERMEDIATE = 1 centek centralizer w/ stop collar 10 ft above float shoe. 1 centek centralizer w/ stop collar 10 ft above float collar. 1 centralizer every joint for the first 15 joints. One centralizer every 3 jts to 100ft below float shoe.
 PRODUCTION = 1 centek centralizer w/ stop collar 10ft above shoe. 1 centek centralizer 10ft above float collar. 1 centek centralizer every joint (floating) until KOP. 1 centek centralizer every 3 joints (floating) until 200ft inside intermediate shoe. 1 centek centralizer 50ft below mandrel hanger.

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WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

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WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

| LITHOLOGY/ FORMATION | TOP DEPTH IN FT NAME TVD | BOTTOM DEPTH IN FT NAME TVD | TOP DEPTH IN FT MD | BOTTOM DEPTH IN FT MD | DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H2S, ETC) |
|-------------------------|--------------------------------|-----------------------------------|--------------------------|-----------------------------|---|
| FRESH WATER ZONE | 1 | 622 | 1 | 622 | FRESH WATER |
| SAND/SHALE | 1 | 884.9 | 1 | 885 | |
| WAYNESBURG COAL | 881.9 | 884.9 | 882 | 885 | |
| SAND/SHALE | 884.9 | 1,099.80 | 885 | 1,100.00 | |
| SEWICKLEY COAL | 1,099.80 | 1,104.80 | 1,100.00 | 1,105.00 | |
| SAND/SHALE | 1,104.80 | 1,218.50 | 1,105.00 | 1,219.00 | |
| PITTSBURGH COAL | 1,218.50 | 1,224.50 | 1,219.00 | 1,225.00 | |
| SAND/SHALE | 1,224.50 | 2,387.70 | 1,225.00 | 2,408.00 | BRINE |
| BIG LIME | 2,387.70 | 2,425.80 | 2,408.00 | 2,447.00 | |
| SAND/SHALE | 2,425.80 | 2,456.10 | 2,447.00 | 2,478.00 | |
| BIG INJUN | 2,456.10 | 2,663.80 | 2,478.00 | 2,690.00 | |
| SAND/SHALE | 2,663.80 | 2,776.50 | 2,690.00 | 2,804.00 | |
| WEIR | 2,776.50 | 2,796.40 | 2,804.00 | 2,824.00 | |
| SAND/SHALE | 2,796.40 | 2,990.40 | 2,824.00 | 3,019.00 | |
| GANTZ | 2,990.40 | 3,020.40 | 3,019.00 | 3,049.00 | |
| SAND/SHALE | 3,020.40 | 3,134.10 | 3,049.00 | 3,163.00 | |
| 50F | 3,134.10 | 3,151.10 | 3,163.00 | 3,180.00 | |
| SAND/SHALE | 3,151.10 | 3,171.10 | 3,180.00 | 3,200.00 | |
| 30F | 3,171.10 | 3,183.10 | 3,200.00 | 3,212.00 | |
| SAND/SHALE | 3,183.10 | 3,231.00 | 3,212.00 | 3,260.00 | |
| GORDON | 3,231.00 | 3,261.00 | 3,260.00 | 3,290.00 | |
| SAND/SHALE | 3,261.00 | 3,300.00 | 3,290.00 | 3,329.00 | |
| BAYARD | 3,300.00 | 3,310.00 | 3,329.00 | 3,339.00 | |
| SAND/SHALE | 3,310.00 | 3,886.90 | 3,339.00 | 3,916.00 | |
| WARREN | 3,886.90 | 3,921.90 | 3,916.00 | 3,951.00 | |
| SAND/SHALE | 3,921.90 | 3,977.90 | 3,951.00 | 4,007.00 | |
| SPEECHLEY | 3,977.90 | 4,170.90 | 4,007.00 | 4,200.00 | |
| SAND/SHALE | 4,170.90 | 4,850.80 | 4,200.00 | 4,880.00 | |
| RILEY | 4,850.80 | 4,900.80 | 4,880.00 | 4,930.00 | |
| SAND/SHALE | 4,900.80 | 5,391.10 | 4,930.00 | 5,421.00 | |
| BENSON | 5,391.10 | 5,551.00 | 5,421.00 | 5,581.00 | |
| SAND/SHALE | 5,551.00 | 5,846.90 | 5,581.00 | 5,877.00 | |
| ALEXANDER | 5,846.90 | 5,864.90 | 5,877.00 | 5,895.00 | |
| SAND/SHALE | 5,864.90 | 6,169.60 | 5,895.00 | 6,200.00 | |
| ELK | 6,169.60 | 6,992.40 | 6,200.00 | 7,033.00 | |
| SONYEA | 6,992.40 | 7,130.30 | 7,033.00 | 7,206.00 | |
| MIDDLESEX | 7,130.30 | 7,155.40 | 7,206.00 | 7,244.00 | |
| GENESSEE | 7,155.40 | 7,199.30 | 7,244.00 | 7,317.00 | |
| GENESE0 | 7,199.30 | 7,211.50 | 7,317.00 | 7,339.00 | |
| TULLY | 7,211.50 | 7,223.50 | 7,339.00 | 7,361.00 | |
| HAMILTON | 7,223.50 | 7,273.60 | 7,361.00 | 7,453.00 | |
| MARCELLUS | 7,273.60 | 7,273.60 | 7,453.00 | 7,453.00 | |

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516125 47-103-03067-0000 - Perforations

| Stage Number | Perforation Date | Top Perf Depth (ftKB) | Bottom Perf Depth (ftKB) | Number of Shots | Formation |
|--------------------------|-------------------------|------------------------------|---------------------------------|------------------------|------------------|
| Initiation Sleeve | 12/13/2017 | 15,063 | 15,258 | 10 | MARCELLUS |
| 1 | 12/12/2017 | 14,882 | 15,056 | 0 | MARCELLUS |
| 2 | 12/26/2017 | 14,668 | 14,842 | 40 | MARCELLUS |
| 3 | 12/28/2017 | 14,453 | 14,627 | 40 | MARCELLUS |
| 4 | 12/30/2017 | 14,238 | 14,412 | 40 | MARCELLUS |
| 5 | 12/31/2017 | 14,023 | 14,197 | 40 | MARCELLUS |
| 6 | 12/31/2017 | 13,808 | 13,982 | 40 | MARCELLUS |
| 7 | 1/17/2018 | 13,593 | 13,767 | 40 | MARCELLUS |
| 8 | 1/18/2018 | 13,378 | 13,552 | 40 | MARCELLUS |
| 9 | 1/18/2018 | 13,163 | 13,337 | 40 | MARCELLUS |
| 10 | 1/19/2018 | 12,948 | 13,122 | 40 | MARCELLUS |
| 11 | 1/19/2018 | 12,733 | 12,907 | 40 | MARCELLUS |
| 12 | 1/20/2018 | 12,518 | 12,692 | 40 | MARCELLUS |
| 13 | 1/20/2018 | 12,303 | 12,477 | 40 | MARCELLUS |
| 14 | 1/21/2018 | 12,088 | 12,262 | 40 | MARCELLUS |
| 15 | 1/21/2018 | 11,873 | 12,047 | 40 | MARCELLUS |
| 16 | 1/21/2018 | 11,658 | 11,832 | 40 | MARCELLUS |
| 17 | 1/22/2018 | 11,443 | 11,617 | 40 | MARCELLUS |
| 18 | 1/22/2018 | 11,228 | 11,402 | 40 | MARCELLUS |
| 19 | 1/23/2018 | 11,013 | 11,187 | 40 | MARCELLUS |
| 20 | 1/23/2018 | 10,798 | 10,972 | 40 | MARCELLUS |
| 21 | 1/23/2018 | 10,583 | 10,757 | 40 | MARCELLUS |
| 22 | 1/24/2018 | 10,368 | 10,542 | 40 | MARCELLUS |
| 23 | 1/24/2018 | 10,153 | 10,327 | 40 | MARCELLUS |
| 24 | 1/25/2018 | 9,938 | 10,112 | 40 | MARCELLUS |
| 25 | 1/25/2018 | 9,723 | 9,897 | 40 | MARCELLUS |
| 26 | 1/26/2018 | 9,508 | 9,682 | 40 | MARCELLUS |
| 27 | 1/26/2018 | 9,293 | 9,467 | 40 | MARCELLUS |
| 28 | 1/26/2018 | 9,078 | 9,252 | 40 | MARCELLUS |
| 29 | 1/27/2018 | 8,734 | 9,037 | 40 | MARCELLUS |
| 30 | 1/27/2018 | 8,519 | 8,693 | 40 | MARCELLUS |
| 31 | 1/27/2018 | 8,304 | 8,478 | 40 | MARCELLUS |
| 32 | 1/28/2018 | 8,089 | 8,263 | 40 | MARCELLUS |
| 33 | 43,129 | 7,874 | 8,048 | 40 | MARCELLUS |

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516125 47-103-03067-0000 - Stimulated Stages

| Stage Number | Stimulation Date | Ave Pump Rate (BPM) | Ave Treatment Pressure (PSI) | Max Breakdown Pressure (PSI) | ISIP (PSI) | Amount of Proppant (lbs) | Amount of Water (bbls) | Amount of Nitrogen/other (units) |
|--------------|------------------|---------------------|------------------------------|------------------------------|------------|--------------------------|------------------------|----------------------------------|
| 1 | 12/26/2017 | 73 | 8,429 | 9,591 | 4,572 | 498,200 | 9,798 | 0 |
| 2 | 12/28/2017 | 81 | 8,855 | 9,249 | 4,349 | 499,054 | 8,614 | 0 |
| 3 | 12/30/2017 | 67 | 7,741 | 9,464 | 5,123 | 499,906 | 11,579 | 0 |
| 4 | 12/30/2017 | 77 | 8,306 | 9,212 | 5,206 | 498,653 | 9,376 | 0 |
| 5 | 12/31/2017 | 80 | 8,642 | 9,415 | 4,752 | 500,893 | 9,206 | 0 |
| 6 | 1/1/2018 | | | | 5,474 | 501,336 | 2,020 | 0 |
| 6 | 1/2/2018 | 79 | 8,966 | 10,547 | | | 7,469 | 0 |
| 6 | 1/3/2018 | | | | | | | 0 |
| 6 | 1/17/2018 | 74 | 9,108 | 9,382 | 5,974 | | 3,848 | 0 |
| 7 | 1/17/2018 | 80 | 9,003 | 9,352 | 6,147 | 504,980 | 8,488 | 0 |
| 8 | 1/18/2018 | 82 | 8,694 | 8,992 | 4,597 | 499,937 | 8,649 | 0 |
| 9 | 1/19/2018 | 77 | 8,552 | 9,358 | 6,000 | 503,266 | 9,190 | 0 |
| 10 | 1/19/2018 | 80 | 8,455 | 9,369 | 5,132 | 506,710 | 8,427 | 0 |
| 11 | 1/20/2018 | 77 | 9,253 | 9,432 | 4,787 | 500,021 | 8,418 | 0 |
| 12 | 1/20/2018 | 80 | 8,298 | 9,238 | 5,452 | 499,360 | 8,365 | 0 |
| 13 | 1/21/2018 | 81 | 8,082 | 9,052 | 5,422 | 500,724 | 8,213 | 0 |
| 14 | 1/21/2018 | 80 | 8,439 | 8,980 | 5,695 | 499,811 | 8,359 | 0 |
| 15 | 1/21/2018 | 81 | 8,285 | 8,730 | 5,518 | 500,528 | 8,389 | 0 |
| 16 | 1/22/2018 | 81 | 8,282 | 9,151 | 4,864 | 501,208 | 8,110 | 0 |
| 17 | 1/22/2018 | 80 | 7,825 | 9,345 | 5,301 | 499,421 | 7,956 | 0 |
| 18 | 1/23/2018 | 80 | 7,829 | 8,743 | 5,336 | 498,979 | 7,888 | 0 |
| 19 | 1/23/2018 | 81 | 7,894 | 8,722 | 5,079 | 499,102 | 8,103 | 0 |
| 20 | 1/23/2018 | 80 | 7,771 | 9,220 | 5,029 | 499,099 | 8,175 | 0 |
| 21 | 1/24/2018 | 80 | 7,665 | 9,030 | 5,499 | 499,572 | 8,084 | 0 |
| 22 | 1/24/2018 | 81 | 8,266 | 8,771 | 5,785 | 497,979 | 8,134 | 0 |
| 23 | 1/25/2018 | 80 | 7,830 | 9,126 | 6,187 | 500,693 | 8,168 | 0 |
| 24 | 1/25/2018 | 80 | 7,970 | 9,330 | 5,361 | 499,255 | 8,114 | 0 |
| 25 | 1/26/2018 | 79 | 8,311 | 9,057 | 5,407 | 499,286 | 7,862 | 0 |
| 26 | 1/26/2018 | 75 | 8,667 | 9,443 | 6,598 | 498,421 | 10,294 | 0 |
| 27 | 1/26/2018 | 80 | 8,144 | 8,931 | 5,321 | 499,134 | 7,785 | 0 |
| 28 | 1/27/2018 | 81 | 7,954 | 9,133 | 4,997 | 500,013 | 7,830 | 0 |
| 29 | 1/27/2018 | 80 | 8,145 | 9,170 | 5,414 | 500,232 | 8,059 | 0 |
| 30 | 1/27/2018 | 80 | 8,404 | 9,099 | 6,104 | 501,449 | 7,850 | 0 |
| 31 | 1/28/2018 | 80 | 8,290 | 9,217 | 5,723 | 496,328 | 8,294 | 0 |
| 32 | 1/28/2018 | 80 | 8,607 | 8,810 | 5,832 | 499,318 | 7,902 | 0 |
| 33 | 1/28/2018 | 80 | 8,089 | 9,201 | 4,735 | 499,108 | 7,806 | 0 |

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Hydraulic Fracturing Fluid Product Component Information Disclosure

| | |
|--------------------------------|--------------------|
| Job Start Date: | 12/26/2017 |
| Job End Date: | 1/28/2018 |
| State: | West Virginia |
| County: | Wetzel |
| API Number: | 47-103-03067-00-00 |
| Operator Name: | EQT Production |
| Well Name and Number: | 516125 |
| Latitude: | 39.69340400 |
| Longitude: | -80.57778800 |
| Datum: | NAD83 |
| Federal Well: | NO |
| Indian Well: | NO |
| True Vertical Depth: | 7,274 |
| Total Base Water Volume (gal): | 11,962,272 |
| Total Base Non Water Volume: | 0 |



Hydraulic Fracturing Fluid Composition:

| Trade Name | Supplier | Purpose | Ingredients | Chemical Abstract Service Number (CAS #) | Maximum Ingredient Concentration in Additive (% by mass)** | Maximum Ingredient Concentration in HF Fluid (% by mass)** | Comments |
|------------|-------------------|--------------------|-------------|--|--|--|----------|
| Water | FTS International | Carrier/Base Fluid | | | | | |
| | | | Water | 7732-18-5 | 100.00000 | 85.57510 | None |
| APB-1 | FTS International | Gel breaker | | | | | |
| | | | | Listed Below | | | |

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| | | | | | | | |
|-------------------------|-----------------------|--|--|--------------|--|--|--|
| CI-150 | FTS International | Acid Corrosion Inhibitor | | | | | |
| | | | | Listed Below | | | |
| CS-500-SI | FTS International | Scale Inhibitor | | | | | |
| | | | | Listed Below | | | |
| FRW-1450 | FTS International | Processing aid for industrial applications | | | | | |
| | | | | Listed Below | | | |
| HVG-1 | FTS International | Water Gelling Agent | | | | | |
| | | | | Listed Below | | | |
| Hydrochloric Acid (15%) | FTS International | Acidizing | | | | | |
| | | | | Listed Below | | | |
| Sand (Proppant) | FTS International | Proppant | | | | | |
| | | | | Listed Below | | | |
| Other Chemical (s) | Listed Above | See Trade Name (s) List | | | | | |
| | | | | Listed Below | | | |
| FRW-600 | FTS International | Friction Reducer | | | | | |
| | | | | Listed Below | | | |
| MC MX 5-3886 | Multi-Chem Group, LLC | Specialty Brine | | | | | |

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| | | | | | | | |
|--|-----------------------|---------------|-------------------------------|--------------|-----------|----------|------|
| | | | | Listed Below | | | |
| MC MX 8-4543 | Multi-Chem Group, LLC | Biotechnology | | | | | |
| | | | | Listed Below | | | |
| Items above are Trade Names with the exception of Base Water . Items below are the individual Ingredients. | | | | | | | |
| | | | Silica Substrate | 14808-60-7 | 100.00000 | 14.14632 | None |
| | | | calcium nitrate.4H2O | 13477-34-4 | 100.00000 | 0.03836 | None |
| | | | Hydrochloric Acid | 7647-01-0 | 15.00000 | 0.02406 | None |
| | | | Hydrotreated light distillate | 64742-47-8 | 30.00000 | 0.01663 | None |
| | | | Hydrotreated light distillate | 64742-47-8 | 30.00000 | 0.01663 | |
| | | | Ammonium acetate | 631-61-8 | 6.00000 | 0.00333 | None |
| | | | Ammonium acetate | 631-61-8 | 6.00000 | 0.00333 | |
| | | | Ethylene glycol | 107-21-1 | 10.00000 | 0.00234 | None |
| | | | Proprietary | Proprietary | 100.00000 | 0.00027 | |
| | | | Proprietary | Proprietary | 100.00000 | 0.00027 | None |
| | | | Petroleum distillate | 64742-47-8 | 55.00000 | 0.00023 | None |
| | | | Petroleum distillate | 64742-47-8 | 55.00000 | 0.00023 | |
| | | | Guar gum | 9000-30-0 | 50.00000 | 0.00021 | |
| | | | Guar gum | 9000-30-0 | 50.00000 | 0.00021 | None |
| | | | Ethylene glycol | 107-21-1 | 30.00000 | 0.00008 | None |
| | | | Organic amine resin salt | Proprietary | 30.00000 | 0.00008 | None |
| | | | Isopropanol | 67-63-0 | 30.00000 | 0.00008 | None |
| | | | Dimethylformamide | 68-12-2 | 10.00000 | 0.00003 | None |
| | | | Aromatic aldehyde | Proprietary | 10.00000 | 0.00003 | None |
| | | | Quaternary ammonium compound | Proprietary | 10.00000 | 0.00003 | None |
| | | | Ammonium persulfate | 7727-54-0 | 95.00000 | 0.00001 | None |
| | | | Ammonium persulfate | 7727-54-0 | 95.00000 | 0.00001 | |
| | | | Clay | 14808-60-7 | 2.00000 | 0.00001 | None |

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 WVD
 August 9, 2018

SHL Latitude: 37°42'30"

10.110'

3.773'

NORTH HENDERSON NORTH 2H
NORTH HENDERSON
EQT PRODUCTION COMPANY

BHL Latitude: 37°45'00"



| GENERAL TRACT NUMBER | TAX MAP PARCEL NUMBER | TOTY ACRES | GENERAL OWNER |
|----------------------|-----------------------|------------|------------------|
| 12A | 01-0-01 | 12.14 | HOWARD HENDERSON |
| 02B | 01-0-02 | 0.60 | HOWARD HENDERSON |
| 02C | 01-0-03 | 0.60 | HOWARD HENDERSON |
| 02D | 01-0-04 | 0.60 | HOWARD HENDERSON |
| 02E | 01-0-05 | 0.60 | HOWARD HENDERSON |

AS-DRILLED DATA

WELL # LOCATION

WELL # 47 (AS-DRILLED)
WELL # 103 (AS-DRILLED)
WELL # 03067 (AS-DRILLED)

DATE: 11/16/2018

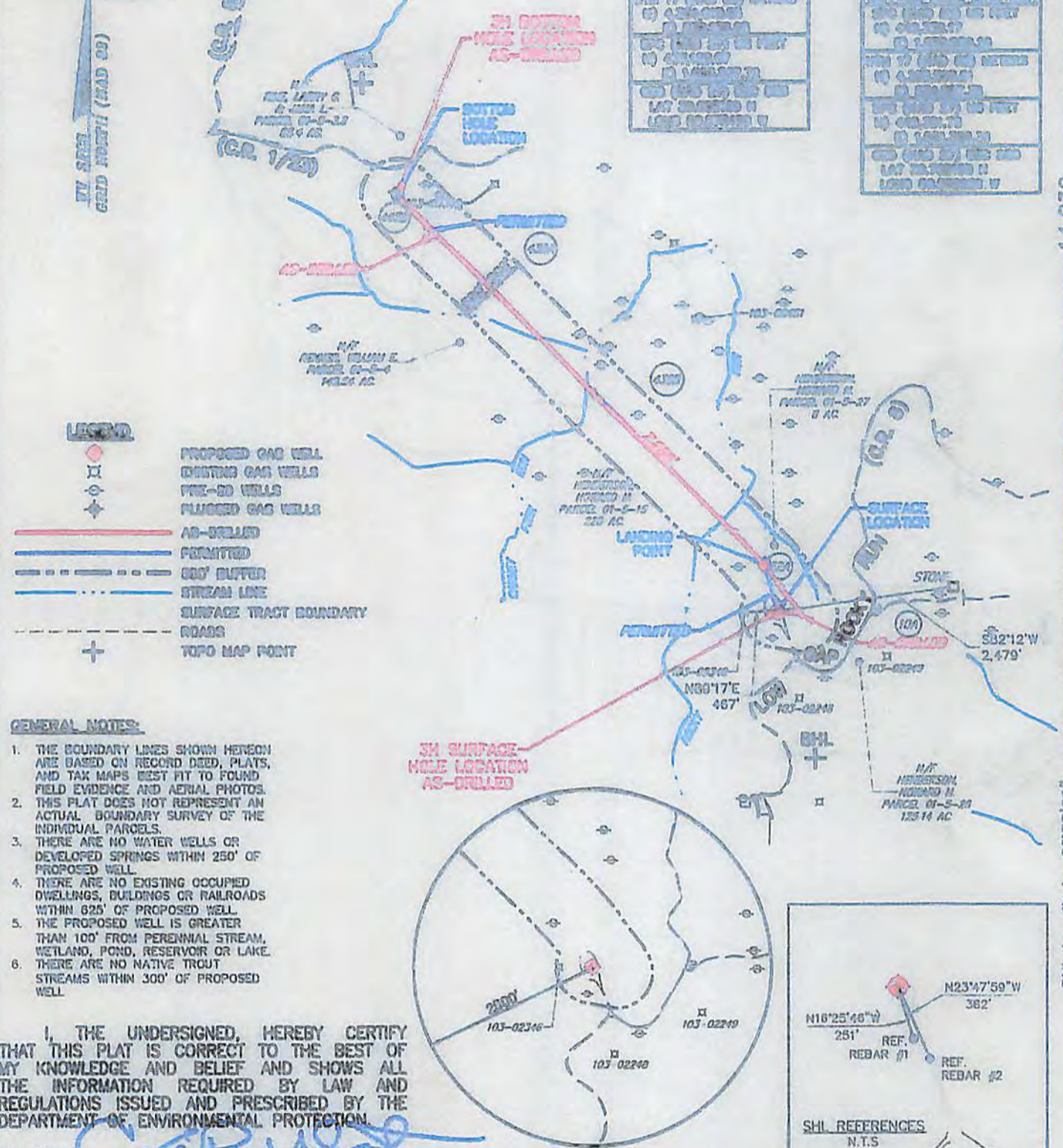
AS-DRILLED DATA

LANDING POINT

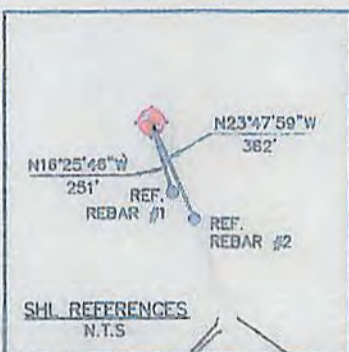
WELL # 47 (AS-DRILLED)
WELL # 103 (AS-DRILLED)
WELL # 03067 (AS-DRILLED)

WELL # LOCATION

WELL # 47 (AS-DRILLED)
WELL # 103 (AS-DRILLED)
WELL # 03067 (AS-DRILLED)



3H SURFACE HOLE LOCATION AS-DRILLED



DATE: JULY 5, 2017

SCALE: 1"=2000'

MIN. DEGREE OF ACCURACY: 1/200

SOURCE OF SURVEY GRADE GPS ELEVATION: (MVD 88, US FT)

(X) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

NORTH HENDERSON NORTH UNIT

OPERATOR'S WELL #: 3H AS-DRILLED

API WELL #: 47 103 03067

STATE COUNTY PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW

WATERSHED: LOWER WEST VIRGINIA FORK FISH CREEK ELEVATION: 1342.80 (AS-DRILLED)

DISTRICT: CENTER COUNTY: WETZEL QUADRANGLE: LITTLETON

SURFACE OWNER: HOWARD HENDERSON ACREAGE: 125.4

OIL & GAS ROYALTY OWNER: MAXINE HENDERSON ACREAGE: SEE MINERAL INTEREST TABLE

DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) AS-DRILLED

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,474'

WELL OPERATOR: EQT PRODUCTION COMPANY DESIGNATED AGENT: REX C. RAY

ADDRESS: 115 PROFESSIONAL PL. P.O. BOX 280 ADDRESS: 115 PROFESSIONAL PL. P.O. BOX 280

CITY: BRIDGEPORT STATE: WV ZIP CODE: 26330 CITY: BRIDGEPORT STATE: WV ZIP CODE: 26330