

*West Virginia Department of Environmental Protection  
Division of Air Quality*

*Earl Ray Tomblin  
Governor*

*Randy C. Huffman  
Cabinet Secretary*

## Class II General Permit G70-A Registration to Modify



for the  
Prevention and Control of Air Pollution in regard to the  
Construction, Modification, Relocation, Administrative Update and  
Operation of Oil and Natural Gas Production Facilities  
Located at the Well Site

*The permittee identified at the facility listed below is authorized to  
construct the stationary sources of air pollutants identified herein in accordance  
with all terms and conditions of General Permit G70-A.*

**G70-A137**

Issued to:

**EQT Production Company**

**WEU-8 Pad**

**017-00066**

A handwritten signature in blue ink, appearing to read "William F. Durham", written over a horizontal line.

*William F. Durham  
Director*

*Issued: February 23, 2014*

Facility Location: West Union, Doddridge County, West Virginia  
Mailing Address: 625 Liberty Avenue, Suite 1700, Pittsburgh, PA 15222  
Facility Description: Natural Gas Production Well Pad  
NAICS Code: 211111  
SIC Code: 1311  
UTM Coordinates: 516.386 km Easting • 4,346.741 km Northing • Zone 17  
Longitude Coordinates: -80.809934  
Latitude Coordinates: 39.270046  
Directions to Facility: NORTH ON I-79 TO EXIT 119 AND MERGE UNTO US-50W TOWARDS CLARKSBURG AND CONTINUE FOR 30 MILES. TURN LEFT ONTO C/R 11 (ARNOLDS CREEK ROAD) AND CONTINUE FOR 0.5 MILES. TURN RIGHT ONTO C/R 11/3 AND CONTINUE FOR 0.3 MILES UNTIL YOU REACH DESTINATION.  
Registration Type: Modification  
Description of Change: Modification of an existing natural gas well pad by increasing condensate throughput and adding one sand/water separator tank.

Subject to 40CFR60, Subpart OOOO? Yes

Subject to 40CFR60, Subpart JJJJ? No

Subject to 40CFR63, Subpart ZZZZ? No

Subject to 40CFR63, Subpart HH? No

*Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit or registration issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§ 22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §22-5-14.*

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*The source is not subject to 45CSR30.*

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**Permit Section Applicability for the Registrant**

*All registered facilities under General Permit G70-A are subject to Sections 1.0, 2.0, 3.0, and 4.0 of General Permit G70-A.*

The following additional sections of General Permit G70-A apply to the registrant:

Section 5	Natural Gas Well Affected Facility	<input checked="" type="checkbox"/>
Section 6	Storage Vessels*	<input checked="" type="checkbox"/>
Section 7	Gas Production Units, In-Line Heaters, Heater Treaters, and Glycol Dehydration Reboilers	<input checked="" type="checkbox"/>
Section 8	Pneumatic Controllers Affected Facility (NSPS, Subpart OOOO)	<input type="checkbox"/>
Section 9	<i>Reserved</i>	<input type="checkbox"/>
Section 10	Natural Gas-Fired Compressor Engine (s) (RICE)**	<input type="checkbox"/>
Section 11	Tank Truck Loading Facility***	<input checked="" type="checkbox"/>
Section 12	Standards of Performance for Storage Vessel Affected Facilities (NSPS, Subpart OOOO)	<input type="checkbox"/>
Section 13	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (NSPS, Subpart JJJJ)	<input type="checkbox"/>
Section 14	Control Devices not subject to NSPS, Subpart OOOO	<input type="checkbox"/>
Section 15	National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (40CFR63, Subpart ZZZZ)	<input type="checkbox"/>
Section 16	Glycol Dehydration Units	<input type="checkbox"/>
Section 17	Dehydration Units With Exemption from NESHAP Standard, Subpart HH § 63.764(d) (40CFR63, Subpart HH)	<input type="checkbox"/>
Section 18	Dehydration Units Subject to NESHAP Standard, Subpart HH and Not Located Within an UA/UC (40CFR63, Subpart HH)	<input type="checkbox"/>
Section 19	Dehydration Units Subject to NESHAP Standard, Subpart HH and Located Within an UA/UC (40CFR63, Subpart HH)	<input type="checkbox"/>

\* The registrant may also be subject to the applicable control device requirements of Section 12 if the registrant is subject to the NSPS, Subpart OOOO control requirements or may be subject to the control device requirements of Section 14.

\*\* The registrant may also be subject to the applicable RICE requirements of Section 13 and/or Section 15.

\*\*\* The registrant may also be subject to the applicable control device requirements of Section 14.

**1.0 Emission Units Table**

Emission Unit ID	Emission Point ID	Emission Unit Description (Mfg., Model, Serial No., Engine type 2SLB, 4SLB, 4SRB, etc.)	Control Device ID	Year Installed / Modified	Max. Design Capacity	Design Capacity Unit of Measure	G70-A Applicable Sections
S001-S006	E001-E006	(6) Condensate Storage Tanks	C001	2013	400	Bbl	6 & 14
S007-S012	E007-E012	(6) Line Heaters	N/A	2013	1.54	MMBtu/hr	7
S013-S014	E013-E014	(2) Thermoelectric Generators	N/A	2013	0.13	MMBtu/hr	7
S015	E015	Sand Separator Tank	N/A	TBD	140	Bbl	6
S016	E016	Truck Loading	C001	2013	14,680,000	Gal/year	11
Control Devices (If applicable)							
Control Device ID	Control Efficiency %	Control Device Description (Mfg, Model)	Year Installed / Modified	Max. Design Capacity	Design Capacity Unit of Measure	G-70A Applicable Sections	
C001	98	LEED Fabrication 48" Encl. Comb.	2013	11.66	MMBtu/hr	14	
Emission Reduction Systems						Yes or No	G-70A Applicable Sections
Was a vapor recovery system (VRU) used to determine emission limits?						No	
Was a low pressure tower(s) used to determine emission limits?						No	

**2.0 Oil and Natural Gas Wells Table**

API number	API number	API number
047-017-06195	047-017-06200	
047-017-06196		
047-017-06197		
047-017-06198		
047-017-06199		

**3.0 Emission Limitations**

Emission Unit ID	Emission Point ID	Emission Unit Description	Regulated Pollutant	Maximum Potential Emissions	
				Hourly (lb/hr)	Annual (tpy)
S001-S006, S015	E001-E006, E015	(6) Cond. Tanks & (1) Sand Sep. Tank	Volatile Organic Compounds	8.09	35.42
			Total HAPs	0.11	0.50
S007-S012	E007-E012	Line Heaters	Nitrogen Oxides	0.88	3.85
			Carbon Monoxide	0.74	3.23
S016	E016	Truck Loading	Volatile Organic Compounds	1.74	0.87
			Total HAPs	0.04	0.02

**4.0 Throughput Limitations**

Throughput limits are on a 12-month rolling total basis.

Emission Unit ID	Emission Point ID	Emission Unit Description	Annual Throughput Limit
S016	E016	Truck Loading	14,680,000

**5.0 Reciprocating Internal Combustion Engines (R.I.C.E.) Information**

Emission Unit ID	Engine Manufacturing Date	Subject to 40CFR60, Subpart JJJJ?	Subject to 40CFR63, Subpart ZZZZ?	Subject to Sections 10.1.4 / 10.2.1 (Catalytic Reduction Device)
N/A	N/A	N/A	N/A	N/A