

*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 Modification



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-A113**

Issued to:  
**EQT Production Company**  
**WEU-6 Pad**  
**017-00068**

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

*William F. Durham  
Director*

*Issued: April 15, 2015*

This Class II General Permit Registration will supersede and replace R13-3130.

Facility Location: near West Union, Doddridge County, West Virginia  
Mailing Address: 625 Liberty Avenue  
Suite 1700  
Pittsburgh, PA 15222  
Facility Description: Natural Gas Production Facility  
NAICS Code: 211111  
SIC Code: 1311  
UTM Coordinates: 523 km Easting • 4,359 km Northing • Zone 17  
Longitude Coordinate: -80.72349  
Latitude Coordinate: 39.38425  
Directions to Facility: From Shirley, WV, head east on WV-23 toward CO Rd 64/Braden Hill for 2.2 miles. Turn right onto Co. Rte. 3/Big Flint Road. Proceed 1.8 miles. Facility will be on left.  
Registration Type: Modification  
Description of Change: EQT proposes to install and operate: two (2) 400-bbl condensate tanks, one (1) 11.66- mmBtu/hr combustor, One (1) 140-bbl sand separator tank, and three (3) 1.54-mmBtu/hr line heaters.

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 checked="" 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 - S004 S010 - S011	E001 - E006 E010 - S011	Condensate Tanks	C001/ C002	2013/ 2015	400	bbl	Section 6 Section 14
S005 - S007 S012 - S014	E007 - E011 S012 - S014	Line Heaters	N/A	2014/ 2015	1.54	MMBtu/hr	Section 7
S008 - S009	E008 - E009	Thermoelectric Generators (TEG)	N/A	2014	0.013	MMBtu/hr	Section 7
Liquid Loading	N/A	Liquid Loading	N/A	2014	14.68	MMgal/yr	Section 11
C001	C001	Vapor Combustor	N/A	2013	11.66	mmBtu/hr	Section 14
C002	C002	Vapor Combustor	N/A	2015	11.66	mmBtu/hr	Section 14
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%	48" LEED Fabrication Vapor Combustor	2014	130	scf/min	Section 14	
C002	98%	48" LEED Fabrication Vapor Combustor	2015	130	scf/min	Section 14	
Emission Reduction Systems						Yes or No	G-70A Applicable Sections
Was a vapor recovery system (VRU) used to determine emission limits?						No	N/A
Was a low pressure tower(s) used to determine emission limits?						No	N/A

**2.0 Oil and Natural Gas Wells Table**

API number	API number	API number
47-017-06325	47-017-06323	47-017-06324

**3.0 Emission Limitations**

Emission Unit ID	Emission Point ID	Emission Unit Description	Regulated Pollutant	Maximum Potential Emissions	
				Hourly (lb/hr)	Annual (tpy)
S001-S004 And S010 – S011	C001 And C002	Produced Liquid Tanks (controlled w/ Combustor)	Nitrogen Oxides (NOx)	2.23	9.75
			Carbon Monoxide (CO)	1.87	8.19
			Total Particulate Matter (PM)	0.17	0.74
			Volatile Organic Compounds (VOC)	7.93	34.92
S005 – S007 And S012 – S014	E005 – E007 And E012 - E014	Line Heater (Total for all Units)	Nitrogen Oxides (NOx)	0.15	0.64
			Carbon Monoxide (CO)	0.12	0.54

**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
S001 – S004 and S010 – S011	C001 and C002	400 bbl Condensate Tanks	14,680,008 gallons/year
Liquid Loading	N/A	Liquid Loading	14,680,008 gallons/year

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

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)
<i>No RICE</i>				