

*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 Construct**

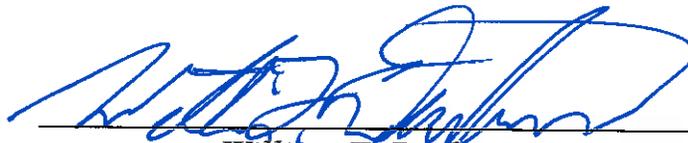


for the  
Prevention and Control of Air Pollution in regard to the  
Construction, Modification, Relocation, Administrative Update and  
Operation of Oil and Natural Gas Production Facilities  
Located at the Well Site

*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-A159**

Issued to:  
**EQT Production Company**  
**OXF-158**  
**017-00152**

  
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*William F. Durham*  
Director

*Issued: July 22, 2015*

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: 520.52 km Easting • 4,339.87 km Northing • Zone 17  
Longitude Coordinate: -80.76235  
Latitude Coordinate: 39.20784  
Directions to Facility: From US 50 near West Union take SR 18 south. Travel for approximately 4.8 miles turn right onto CR 20 (Lick Run). Travel on CR 20 for approximately 2.6 miles and turn right onto CR 40/3. Travel on CR 40/3 for approximately 1.9 miles and turn left onto Maxwell Ridge. Travel on Maxwell Ridge for approximately 300 feet and turn right onto Oil Well Road. The facility is located approximately 1.1 miles down the road.  
Registration Type: Construction  
Description of Change: Installation and operation of: seven (7) 1.00-mmBtu/hr line heater, eight (8) produced liquid tanks, one (1) 140-bbl blowdown tank, two (2) 11.66-mmBtu/hr combustors, and two (2) 0.013-mmBtu/hr thermoelectric generator.

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
S008 - S015	E018 or E019	Produced Liquid Tanks	C018 or C019	2015	400	bbbl	Section 6 Section 14
S001 - S007	E001 - E007	Line Heaters	N/A	2015	1.00	MMBtu/hr	Section 7
S020 - S021	E020 - E021	Thermoelectric Generators (TEG)	N/A	2015	0.013	MMBtu/hr	Section 7
S016	E018 or E19	Sand Trap Blowdown Tank	C018 or C019	2015	140	bbbl	Section 6 Section 14
S017	E017, E018, or E22	Tank Truck Loading	C017 or C018	2015	28,974	gallons/day	Section 11
C018	E018	Vapor Combustor	C018	2015	11.66	mmBtu/hr	Section 14
C019	E019	Vapor Combustor	C019	2015	11.66	mmBtu/hr	Section 14
<b>Control Devices (If applicable)</b>							
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	
C018	98%	48" LEED Fabrication Combustor	2015	130	scf/min	Section 14	
C019	98%	48" LEED Fabrication Combustor	2015	130	scf/min	Section 14	
<b>Emission Reduction Systems</b>						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
047-017-06503	047-017-06502	047-017-06504
047-017-06505	047-017-06506	047-017-06507

### 3.0 Emission Limitations

Emission Unit ID	Emission Point ID	Emission Unit Description	Regulated Pollutant	Maximum Potential Emissions	
				Hourly (lb/hr)	Annual (tpy)
S008- S015, S016, and S017	E018	Tanks and Tank Truck  (controlled w/ Combustor)	Nitrogen Oxides (NO <sub>x</sub> )	2.23	9.75
			Carbon Monoxide (CO)	1.87	8.19
			Total Particulate Matter (PM)	0.09	0.38
			Volatile Organic Compounds (VOC)	5.55	24.30
S008- S015 S016, and S017	E019	Tanks and Tank Truck  (controlled w/ Combustor)	Nitrogen Oxides (NO <sub>x</sub> )	2.23	9.75
			Carbon Monoxide (CO)	1.87	8.19
			Total Particulate Matter (PM)	0.09	0.38
			Volatile Organic Compounds (VOC)	5.55	24.30
S001 – S007	E001 – E007	Line Heater (Emissions from Each)	Nitrogen Oxides (NO <sub>x</sub> )	0.09	0.40
			Carbon Monoxide (CO)	0.08	0.34

### 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
S008 through S015	E018 or E019	Produced Liquid Tanks	28,976 gallons/day
S017	E018 or E019	Tank Truck Loading	28,976 gallons/day

### 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>				