

*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-A161

Issued to:
EQT Production Company
PET-35 Pad
041-00074



William F. Durham
Director

Issued: July 23, 2015

Facility Location: near Weston, Lewis 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: 540.419 km Easting • 4,314.806 km Northing • Zone 17
Longitude Coordinate: -80.53334
Latitude Coordinate: 39.98132
Directions to Facility: While traveling I 79 take exit 96. Turn onto US 19 north and travel until you reach Copley Road (CR 17). The site will be approximately 100 ft. up the hill on the right.
Registration Type: Construction
Description of Change: Installation and operation of: one (1) 140-bbl sand separator tank, six (6) 1.54-mmBtu/hr line heaters, six (6) 400-bbl produced liquid tanks, one (1) 11.66-mmBtu/hr combustor, and two (2) 0.013-mmBtu/hr thermoelectric generators.

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.

The source is not subject to 45CSR30.

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 - S007	C001	Produced Liquid Tanks	C001	2015	400	bbl	Section 6 Section 14
S008 - S013	E008 - E013	Line Heaters	N/A	2015	1.54	mmBtu/hr	Section 7
S014 - S015	E014 - E015	Thermoelectric Generators (TEG)	N/A	2015	0.013	mmBtu/hr	Section 7
S007	E007	Sand Trap Blowdown Tank	N/A	2015	140	bbl	Section 6 Section 14
S016	E016	Tank Truck Loading	N/A	2015	14,411,174	Gallons /year	Section 11
C001	C001	Vapor Combustor	C018	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 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
047-041-05689	047-041-05690	047-041-05691
047-041-05692	047-041-05693	047-041-05694

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, S016, and C001	C001	Tanks and Tank Truck (controlled w/ Combustor)	Nitrogen Oxides (NOx)	0.95	4.18
			Carbon Monoxide (CO)	0.80	3.51
			Total Particulate Matter (PM)	0.07	0.32
			Volatile Organic Compounds (VOC)	3.33	14.58
S007	E007	Sand Separator Tank	Volatile Organic Compounds (VOC)	0.15	0.64
S008 - S013	E008 - E013	Line Heater (Total Emissions)	Nitrogen Oxides (NOx)	0.75	3.30
			Carbon Monoxide (CO)	0.63	2.77

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 through S006	C001	Produced Liquid Tanks	14,411,174 gallons/year
S016	C001	Tank Truck Loading	14,411,174 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>				