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-A160

Issued to:
EQT Production Company
OXF-44 Pad
017-00037

William F. Durham
Director

Issued: July 28, 2015

This Class II General Permit Registration will supersede and replace R13-3000.

Facility Location:	Near New Milton, 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:	516.041 km Easting • 4,332.905 km Northing • Zone 17
Longitude Coordinate:	-80.81437
Latitude Coordinate:	39.14529
Directions to Facility:	From the junction of Taylor Drain Rd. (CR 19) and Sugar Run Rd. (CR 52), travel west on Sugar Run for 0.6 miles and go straight onto Brushy Fork Rd.-Summers Rd.-CR 7/18 and travel 0.6 miles to the junction of Brushy Fork Rd. and Middle Fork Rd. (CR 22/3). From this junction turn left onto Middle Fork Rd. and travel for approximately 1.2 miles (the road will merge into Straight Fork Rd.-CR 52/3) until reaching the EQT access road on the left. Proceed on the access road for 1.2 miles up the hill to the OXF-44 well-pad and production facility.
Registration Type:	Modification
Description of Change:	Installation and operation of three (3) 400-bbl produced liquid tanks, two (2) 1.54-mmBtu/hr line heaters, one (1) 140-bbl sand separator tank, and one (1) 0.013-mmBtu/hr thermoelectric generator. Removal of five (5) 210-bbl produced liquid tanks.

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

* 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 - S005 And S016 - S018	C001	Produced Liquid Tanks	C001	2012 And 2015	400	bbl	Section 6 Section 14
S011 - S014 And S020 – S021	E011 - E014 And E020 – S021	Line Heaters	N/A	2012 And 2015	1.54	mmBtu/hr	Section 7
S015 and S021	E015 and S021	Thermoelectric Generators (TEG)	N/A	2012 and 2015	0.013	mmBtu/hr	Section 7
S019	E019	Sand Trap Blowdown Tank	N/A	2015	140	bbl	Section 6 Section 14
S023	E023	Tank Truck Loading	N/A	2012	13,102,992	Gallons /year	Section 11
C001	C001	Vapor Combustor	C018	2012	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	95%	48" LEED Fabrication Combustor	2012	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
047-017-05640	047-017-05986	047-017-05987
047-017-05988	047-017-06025	

3.0 Emission Limitations

Emission Unit ID	Emission Point ID	Emission Unit Description	Regulated Pollutant	Maximum Potential Emissions	
				Hourly (lb/hr)	Annual (tpy)
S001 - S005, S016 – S018, 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)	5.98	26.18
S007	E007	Sand Separator Tank	Volatile Organic Compounds (VOC)	0.07	0.30
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 S005 And S016 through S018	C001	Produced Liquid Tanks	13,102,992 gallons/year
S023	C001	Tank Truck Loading	13,102,992 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)
No RICE				