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-A074
Issued to:
EQT Production Company
OXF-134 Pad
017-00047

William F. Durham
Director

Issued: November 12, 2014 • *Effective:* November 12, 2014

This Class II General Permit Registration will supercede and replace R13-3045 & R13-3045A

Facility Location:	New Milton, 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:	515.800 km Easting • 4,339.200 km Northing • Zone 17
Longitude Coordinates:	-80.8170
Lattitude Coordinatees:	39.2019
Directions to Facility:	From Charleston take I-77 north to exit 176. Go east on US Route 50 approximately 36.3 miles. Take a right on Sunnyside Road (Co. Rt. 50/30). Go approximately 3.1 miles and turn right on Oxford Road (Co. Rt. 21). Then go approximately 4.5 miles and turn left on Hughes River Rd (Co. Rt. 19/11). Travel approximately 2.4 miles and turn left on the access road. Go approximately 200 feet and take a left on an access road going up a steep hill. Travel on the access road approximately 0.75 miles and you arrive at the pad.
Registration Type:	Construction
Description of Change:	Construction of a natural gas well pad consisting of nineteen storage tanks, five line heaters, two thermoelectric generators, one vapor combustors and truck loading.

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-S015	E001-E015	(15) Condensate Storage Tanks	C001	2011	210	Bbl	6 & 14
S023-S026	E023-E026	(4) Condensate Loading Battery Tanks	None	2013	400	Bbl	6 & 14
S016-S018	E016-E018	(3) Line Heaters	None	--	1.5	MMBtu/hr	7
S019-S020	E019-E020	(2) Line Heaters	None	--	0.77	MMBtu/hr	7
S021-S022	E021-E022	Thermoelectric Generators	None	--	0.13	MMBtu/hr	7
Load	Load	Liquids Loading	None	--	5,000,000	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	95	LEED Fabrication Enclosed Combustor 48"	2014	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
047-017-05888		
047-017-05857		
047-017-05881		
047-017-05887		
047-017-05882		

3.0 Emission Limitations

Emission Unit ID	Emission Point ID	Emission Unit Description	Regulated Pollutant	Maximum Potential Emissions	
				Hourly (lb/hr)	Annual (tpy)
S001-S015 C001	E001-E015 C001	(15) Condensate Tanks and (1) Vapor Combustor	Volatile Organic Compounds	0.81	3.53
			Total HAPs	0.02	0.10
			Nitrogen Oxides	1.14	5.01
			Carbon Monoxide	0.96	4.21
S023-S026	E023-E026	(4) Loading Battery Tanks	Volatile Organic Compounds	0.12	0.52
			Total HAPs	--	--
S016-S020	E016-E020	(3) 1.50 & (2) 0.77 MMBtu/hr Line Htrs	Nitrogen Oxides	0.61	2.64
			Carbon Monoxide	0.51	2.24
S021-S022	E021-E022	(2) Thermoelectric Generators	Nitrogen Oxides	--	0.01
			Carbon Monoxide	--	0.01
Load	Load	Truck Loading	Volatile Organic Compounds	0.07	0.29
			Total HAPs	0.01	0.03

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
Load	Load	Truck Loading	5,000,000 gal/yr

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