

*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-A152

Issued to:

Triad Hunter, LLC

WVDNR Pad No. 6 Production Facility

103-00102

A blue ink signature of William F. Durham, written in a cursive style, is positioned above a horizontal line.

William F. Durham

Director

Issued: May 4, 2015 • Effective: May 4, 2015

This Class II General Permit Registration does not affect any other permits.

Facility Location: Jacksonburg, Wetzel County, West Virginia
Mailing Address: 125 Putnam Street, Marietta, OH 45750
Facility Description: Natural gas production facility
NAICS Code: 211111
SIC Code: 1311
UTM Coordinates: 529.446 km Easting • 4,372.904 km Northing • Zone 17
Longitude Coordinates: -80.657496
Latitude Coordinates: 39.505258
Directions to Facility: From Jacksonburg: Turn left onto Main Street. Proceed approximately 0.7 miles to lease road entrance. The pad is 2.9 miles down the lease road.
Registration Type: Construction
Description of Change: Construction and operation of an an oil and natural gas production facility.

Subject to 40CFR60, Subpart OOOO? Yes

Subject to 40CFR60, Subpart JJJJ? NA

Subject to 40CFR63, Subpart ZZZZ? NA

Subject to 40CFR63, Subpart HH? NA

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 checked="" 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 checked="" 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
GPU-1 – GPU-3	1E – 3E	3 - Gas Processing Units	None	2015	2.0	MMBTU/hr each	7
GPU-4 – GPU-7	4E – 7E	4 - Gas Processing Units	None	2015	1.0	MMBTU/hr each	7
T01, T02	8E	2 - Condensate Tanks	C-1	2015	400	bbl each	6, 12
T03, T04	8E	2 - Produced Water Tanks	C-1	2015	400	bbl each	6, 12
TL-1	8E	Condensate Truck Loading	C-1	2015	88,600	bbl/yr	11, 14
TL-2	8E	Produced Water Loading	C-1	2015	290,000	bbl/yr	11, 14
C-1	8E	Flare King FKEP-H25 Combustor	NA	2015	28	MMBTU/hr	12, 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	
C-1	VOC – 98 % HAP – 98 % CH ₄ – 98%	Flare King FKEP-H25 Combustor	2015	28	MMBTU/hr	12, 14	
Emission Reduction Systems						Yes or No	G-70A Applicable Sections
Was a vapor recovery system (VRU) used to determine emission limits?						No	NA
Was a low pressure tower(s) used to determine emission limits?						No	NA

2.0. Oil and Natural Gas Wells Table

API number	
047-103-02781	047-103-02996
047-103-02782	047-103-02997
047-103-02783	047-103-02998
047-103-02995	

3.0. Emission Limitations

Emission Unit ID	Emission Point ID	Emission Unit Description	Regulated Pollutant	Maximum Potential Emissions	
				Hourly (lb/hr)	Annual (tpy)
C-1	8E	Flare King FKEP-H25 Combustor (including 2 Cond. Tanks, 2 PW Tanks, Cond. Truck Loading, PW Truck Loading)	Volatile Organic Compounds	13.35	55.70
			Hazardous Air Pollutants	0.53	2.05
			Nitrogen Oxides	1.22	5.42
			Carbon Monoxide	6.73	29.46

4.0. Throughput Limitations

Throughput limits are on a 12-month rolling total basis.

Emission Unit ID	Emission Unit Description	Annual Throughput Limit
T01, T02	Two (2) 400 bbl Condensate Tanks	1,862,500 gal/yr (Per tank)
T03, T04	Two (2) 400 bbl Produced Water Tanks	6,077,000 gal/yr (Per tank)
TL-1	Condensate Truck Loading	3,725,000 gal/yr
LDOUT1	Produced Liquids Truck Loading	12,154,000 gal/yr