

*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-A165

Issued to:

**Northeast Natural Energy, LLC
Coastal Pad
061-00219**



William F. Durham
Director

Issued: July 14, 2015

Facility Location: Blacksville, Monongalia County, West Virginia
Mailing Address: 48 Donley Street, Suite 600, Morgantown, WV 26501
Facility Description: Natural Gas Production
NAICS Code: 211111
SIC Code: 1311
UTM Coordinates: 568.192 km Easting • 4,395.390 km Northing • Zone 17
Longitude Coordinates: -80.204740
Latitude Coordinates: 39.705563
Directions to Facility: From Exit 155 on I-79, merge onto Chaplin Hill Road (CR 19/24) towards US Rt 19 /
Star City, After 0.8 miles, turn left onto US-19 for 1.7 miles. Turn left on WV Rt. 7 and
continue for 13.9 miles. Turn left onto WV Rt 218 (Daybrook Road). Well site access
road will be on the left hand side of the road after 2.2 miles on top of the hill. Follow
signs on access road to the pad.
Registration Type: Construction
Description of Change: Construction of a new Natural Gas Production Facility.

Subject to 40CFR60, Subpart OOOO? Yes

Subject to 40CFR60, Subpart JJJJ? Yes

Subject to 40CFR63, Subpart ZZZZ? Yes

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 checked="" 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 checked="" type="checkbox"/>
Section 14	Control Devices not subject to NSPS, Subpart OOOO	<input type="checkbox"/>
Section 15	National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (40CFR63, Subpart ZZZZ)	<input checked="" 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
HTR1	EP-HTR1	Heater Treater	--	2015	1.5	mmBtu/hr	7
HTR2	EP-HTR2	Heater Treater	--	2015	1.5	mmBtu/hr	7
HTR3	EP-HTR3	Heater Treater	--	2015	1.5	mmBtu/hr	7
HTR4	EP-HTR4	Heater Treater	--	2015	1.5	mmBtu/hr	7
HTR5	EP-HTR5	Heater Treater	--	2015	1.5	mmBtu/hr	7
HTR6	EP-HTR6	Heater Treater	--	2015	1.5	mmBtu/hr	7
HTR7	EP-HTR7	Heater Treater	--	2015	1.5	mmBtu/hr	7
T01	EP-T01	Produced Water Tank	--	2015	210	Bbl	6
T02	EP-T02	Produced Water Tank	--	2015	400	Bbl	6
T03	EP-T03	Produced Water Tank	--	2015	400	Bbl	6
T04	EP-T04	Produced Water Tank	--	2015	400	Bbl	6
T05	EP-T05	Produced Water Tank	--	2015	400	Bbl	6
CE-1	EP-CE1	Caterpillar 3516B	1C	2015	1380	hp	10, 13 & 15
CE-2	EP-CE2	Caterpillar G3516LE	2C	2015	1340	hp	10, 13 & 15
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	
1C	--	Oxidation Catalyst	2015	--	--	10	
2C	--	Oxidation Catalyst	2015	--	--	10	
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
047-061-01674	047-061-01684	
047-061-01675	047-061-01686	
047-061-01676	047-061-01688	
047-061-01680		

3.0 Emission Limitations

Emission Unit ID	Emission Point ID	Emission Unit Description	Regulated Pollutant	Maximum Potential Emissions	
				Hourly (lb/hr)	Annual (tpy)
HTR1-HTR7	EP-HTR1-HTR7	(7) 1.0 mmBtu/hr Heater Treaters	Nitrogen Oxides	0.70	3.07
			Carbon Monoxide	0.59	2.58
T01-T05	EP-T01-T05	(4) 400 BBL and (1) 210 BBL Produced Water Tanks	Volatile Organic Compounds	0.06	0.27
			Total HAPs	0.01	0.06
CE-1	EP-CE1	Caterpillar G3516B	Nitrogen Oxides	1.52	6.66
			Carbon Monoxide	0.52	2.27
			Volatile Organic Compounds	0.73	3.20
			Formaldehyde	0.13	0.57
CE-2	EP-CE2	Caterpillar G3516 LE	Nitrogen Oxides	4.43	19.41
			Carbon Monoxide	0.39	1.70
			Volatile Organic Compounds	0.46	2.01
			Formaldehyde	0.18	0.78

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
T01-T05	T01-T05	Produced Water Production	6,572,000 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)
CE-1	July 1, 2013	Yes	Yes (JJJJ Only)	Yes
CE-2	June 27, 2005	No	Yes	Yes