



west virginia department of environmental protection

Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone 304/926-0475

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

November 30, 2015

CERTIFIED MAIL
91 7199 9991 7035 6613 3129

Mr. Brett Loflin
Northeast Natural Energy, LLC.
48 Donley Street Suite 601
Morgantown, WV 26501

RE: Approved Registration G70-A186
Northeast Natural Energy, LLC
Campbell Pad
Permit Application G70-A186
Plant ID No. 061-00223

Dear Mr. Loflin:

The Director has determined that the submitted Construction Application and proposed Administrative Updates and operation of an oil and natural gas production facility demonstrates eligibility and compliance with the requirements, provisions, standards and conditions of General Permit G70-A and hereby grants General Permit registration authorizing the proposed activity.

General Permit G70-A can be accessed electronically at www.dep.wv.gov/daq/permitting/Pages/airgeneralpermit.aspx. Hard copies are available upon request by contacting Danielle Wentz at (304)926-0499 ext. 1193.

Please be aware of the actions required in Monitoring Requirements, Testing Requirements, Recordkeeping Requirements, and the Reporting Requirements.

Should you have any questions, please contact the undersigned engineer at (304)926-0499 ext. 1258 or Caroline.F.Griffith@wv.gov.

Sincerely,

Caraline Griffith
Permit Engineer

Enclosures: Registration G70-A186
c: Roger Dhonau
SE Technologies, LLC

*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-A186

Issued to:

Northeast Natural Energy, LLC

Campbell Pad

061-00223

A handwritten signature in blue ink, appearing to read "William F. Durham", is written over a horizontal line.

William F. Durham

Director

Issued: November 30, 2015

Facility Location: Fairview, Monongalia County, West Virginia
Mailing Address: 48 Donley Street Suite 601
Morgantown, WV 26501
Facility Description: Natural Gas Well Pad
NAICS Code: 211111
SIC Code: 1311
UTM Coordinates: 569.9746 km Easting • 4,394.7671 km Northing • Zone 17
Longitude Coordinates: -80.18381
Latitude Coordinates: 39.69989
Directions to Facility: From Exit 155 on I-79 merge onto Chaplin Hill Road (CR19/24) toward US Rt. 19/Star City. After 0.8 miles, turn left onto US Rt. 19. Continue on US Rt. 19 for 1.7 miles. Turn left onto WV Rt. 7 and continue for approximately 12.5 miles. Turn left onto County Rt. 25 (Days Run Road). After approximately ½ mile, turn right onto Township Road 857. Access road is on the left-hand side of the road after ¼ mile.
Registration Type: Construction
Description of Change: Construction of a new natural gas well pad. Installation of five GPUs, two compressor engines, and produced water tanks.

Subject to 40CFR60, Subpart OOOO? Yes

Subject to 40CFR60, Subpart JJJJ? Yes, the engines are not certified.

Subject to 40CFR63, Subpart ZZZZ? Yes, compliance is shown by being in compliance with Subpart JJJJ.

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 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 checked="" 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
CE-1	6E	Caterpillar G3516B 1,380 hp	CAT	2015	1,380	hp	10, 13, 15
CE-2	7E	Caterpillar G3516B 1,380 hp	CAT	2015	1,380	hp	10, 13, 15
GPU-1	1E	Gas Producing Unit	--	2015	1.0	mmBTU/hr	7
GPU-2	2E	Gas Producing Unit	--	2015	1.0	mmBTU/hr	7
GPU-3	3E	Gas Producing Unit	--	2015	1.0	mmBTU/hr	7
GPU-4	4E	Gas Producing Unit	--	2015	1.0	mmBTU/hr	7
GPU-5	5E	Gas Producing Unit	--	2015	1.0	mmBTU/hr	7
T01	8E	Produced Water Tank	--	2015	400	bbbl	11
T02	9E	Produced Water Tank	--	2015	400	bbbl	11
T03	10E	Produced Water Tank	--	2015	400	bbbl	11
T04	11E	Produced Water Tank	--	2015	210	bbbl	11
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
047-061-01678		
047-061-01700		
047-061-01710		
047-061-01711		
047-061-01722		

3.0 Emission Limitations

Emission Unit ID	Emission Point ID	Emission Unit Description	Regulated Pollutant	Maximum Potential Emissions	
				Hourly (lb/hr)	Annual (tpy)
CE-1	6E	Caterpillar G3516B 1,380 hp	NOx	1.52	6.66
			CO	0.52	2.27
			VOC	0.73	3.20
CE-2	7E	Caterpillar G3516B 1,380 hp	NOx	1.52	6.66
			CO	0.52	2.27
			VOC	0.73	3.30
GPU-1 through GPU-5	1E through 5E	Five (5) Gas Producing Units	NOx	0.50	2.19
			CO	0.42	1.84
			VOC	0.03	0.12
			Total HAPs	0.01	0.04
T01 through T04	8E through 11E	Four (4) Produced Water Tanks	VOC	0.16	0.72
			Total HAPs	0.03	0.14

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	8E	400 bbl Produced Water Tank	2,609,200 gallons/yr
T02	9E	400 bbl Produced Water Tank	2,609,200 gallons/yr
T03	10E	400 bbl Produced Water Tank	2,609,200 gallons/yr
T04	11E	210 bbl Produced Water Tank	1,370,500 gallons/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	June 27, 2013	Yes	Yes	Yes
CE-2	June 27, 2013	Yes	Yes	Yes