



---

**west virginia department of environmental protection**

---

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

Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

November 30, 2015

CERTIFIED MAIL  
91 7199 9991 7035 6613 3136

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

RE: Approved Registration G70-A185  
Northeast Natural Energy, LLC  
Statler Pad  
Permit Application G70-A185  
Plant ID No. 061-00222

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](http://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 [Caraline.F.Griffith@wv.gov](mailto:Caraline.F.Griffith@wv.gov).

Sincerely,

Caraline Griffith  
Permit Engineer

Enclosures: Registration G70-A185  
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-A185**

Issued to:  
**Northeast Natural Energy, LLC**  
Statler Pad  
061-00222

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

*William F. Durham  
Director*

*Issued: November 30, 2015*

Facility Location: Pentress, 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: 570.45 km Easting • 4,395.65 km Northing • Zone 17  
Longitude Coordinates: -80.17817  
Latitude Coordinates: 39.707806  
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 12.7 miles. Well pad entrance road is on the right.  
Registration Type: Construction  
Description of Change: Construction of a new natural gas well pad. Installation of one compressor engine. Increase in emissions deeming the requirement of this permit.

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	8E	Caterpillar G3516B 1,380 hp	CAT	2015	1,380	hp	10, 13, 15
GPU-1	1E	Gas Producing Unit	--	2011	1.0	mmBTU/hr	7
GPU-2	2E	Gas Producing Unit	--	2011	1.0	mmBTU/hr	7
GPU-3	3E	Gas Producing Unit	--	2014	0.75	mmBTU/hr	7
GPU-4	4E	Gas Producing Unit	--	2014	0.75	mmBTU/hr	7
GPU-5	5E	Gas Producing Unit	--	2014	0.75	mmBTU/hr	7
GPU-6	6E	Gas Producing Unit	--	2015	0.75	mmBTU/hr	7
GPU-7	7E	Gas Producing Unit	--	2015	0.75	mmBTU/hr	7
T01	9E	Produced Water Tank	--	2011	210	bbbl	11
T02	10E	Produced Water Tank	--	2011	210	bbbl	11
T03	11E	Produced Water Tank	--	2014	210	bbbl	11
T04	12E	Produced Water Tank	--	2014	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
047-061-01625	047-061-01697	
047-061-01626	047-061-01698	
047-061-01656		
047-061-01658		
047-061-01660		

**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	8E	Caterpillar G3516B 1,380 hp	NOx	1.52	6.66
			CO	0.52	2.27
			VOC	0.73	3.20
GPU-1 through GPU-7	1E through 7E	Seven (7) Gas Producing Units	NOx	0.58	2.52
			CO	0.48	2.12
			VOC	0.03	0.14
			Total HAPs	0.01	0.05
T01 through T04	9E through 12E	Four (4) Produced Water Tanks	VOC	0.08	0.35
			Total HAPs	0.02	0.07

**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	9E	210 bbl Produced Water Tank	1,111,950 gallons/yr
T02	10E	210 bbl Produced Water Tank	1,111,950 gallons/yr
T03	11E	210 bbl Produced Water Tank	1,111,950 gallons/yr
T04	12E	210 bbl Produced Water Tank	1,111,950 gallons/yr

**5.0 Reciprocating Internal Combustion Engines (R.I.C.E.) Information**

Emission Unit ID	Engine Manufacturing Date	Subject to 40CFR60, Subpart JJJ?	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