



west virginia department of environmental protection

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

Jim Justice, Governor
Austin Caperton, Cabinet Secretary
www.dep.wv.gov

March 9, 2017

Carla Suszkowski
10000 Energy Drive
Spring, TX 77389

RE: Approved Registration G70-D236
SWN Production Company, LLC
Brooke City Parks Pad
Facility ID No. 009-00113

Dear Ms. Suszkowski:

The Director has determined that the submitted Registration Application and proposed construction 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-D and hereby grants General Permit registration authorizing the proposed activity.

General Permit G70-D 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. 1222 or Roy.F.Kees@wv.gov.

Sincerely,

Roy F. Kees, P.E.
Engineer - NSR Permitting

Enclosures: Registration G70-D236
c. Clayton Murrall

*West Virginia Department of Environmental Protection
Division of Air Quality*

*Jim Justice
Governor*

*Austin Caperton
Cabinet Secretary*

Class II General Permit G70-D Registration to Modify



for the
Prevention and Control of Air Pollution in regard to the
Construction, Modification, Relocation, Administrative Update and
Operation of Natural Gas Production Facilities Located at the Well Site

*The permittee identified at the facility listed below is authorized to
construct the stationary sources in accordance
with all terms and conditions of General Permit G70-D.*

G70-D236

Issued to:
SWN Production Company, LLC
Brooke City Parks Pad
009-00113

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

*William F. Durham
Director*

Issued: March 9, 2017

This Class II General Permit Registration will supercede and replace R13-2994B

Facility Location: Wellsburg, Brooke County, West Virginia
Mailing Address: 10000 Energy Drive, Spring, TX 77389
NAICS Code: 211111
SIC Code: 1311
Longitude Coordinates: -80.54794
Latitude Coordinates: 40.26472
Registration Type: Modification

Description of Change: This application proposes to remove one (1) low pressure tower, two (2) 1.5-mmBtu/hr natural gas-fired line heaters (EU-LH1 and EU-LH2), and one (1) 0.5-mmBtu/hr natural gas-fired heater treaters (EU-HT1) and to add one (1) Caterpillar G3306B TA engine (EU-ENG2), four (4) 1.0-mmBtu/hr natural gas-fired GPU burners (EUGPU3-EU-GPU6) and two (2) 1.5-mmBtu/hr stabilizer heaters (EU-SH1 and EU-SH2). Emissions from the condensate and produced water storage tanks, vapor combustor, haul road, and fugitive sources have been revised to reflect the process change.

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.

The registered natural gas production facility granted Class II General Permit registration by the Director shall not have a potential to emit any criteria pollutant in an amount equal to or greater than the following:

| Pollutant | Maximum Annual Emission Limit (tons/year) |
|------------------------------------|--|
| Nitrogen Oxides | 50 |
| Carbon Monoxide | 80 |
| Volatile Organic Compounds | 80 |
| Particulate Matter – 10/2.5 | 20 |
| Sulfur Dioxide | 20 |
| Any Single Hazardous Air Pollutant | 8 |
| Total Hazardous Air Pollutants | 20 |

G70-D Annual Certification. Annually from the date of the original registration issuance, the registrant shall prepare and submit a G70 Annual Certification for the previous year, addressing the potential emissions from the facility (using a generally accepted model or calculation methodology) and an updated Emission Units/ERD/APCD table (if necessary). The registrant shall pay an annual \$1,000 certification fee to the Director. The fee shall be paid by negotiable instrument made payable to the "DEP-Division of Air Quality".

The G70-D Annual Certification is due by March 9 of each calendar year.

Permit Section Applicability for the Registrant

All registered facilities under General Permit G70-D are subject to Sections 1.0, 2.0, 3.0, and 4.0 of General Permit G70-D.

The following additional sections of General Permit G70-D apply to the registrant:

| GENERAL PERMIT G70-D APPLICABLE SECTIONS | |
|--|--|
| X Section 5.0 | Gas and Oil Well Affected Facility (NSPS, Subpart OOOO/OOOOa) |
| X Section 6.0 | Storage Vessels Containing Condensate and/or Produced Water ¹ |
| <input type="checkbox"/> Section 7.0 | Storage Vessel Affected Facility (NSPS, Subpart OOOO/OOOOa) |
| X Section 8.0 | Control Devices and Emission Reduction Devices not subject to NSPS Subpart OOOO/OOOOa and/or NESHAP Subpart HH |
| X Section 9.0 | Small Heaters and Reboilers not subject to 40CFR60 Subpart Dc |
| <input type="checkbox"/> Section 10.0 | Pneumatic Controllers Affected Facility (NSPS, Subpart OOOO/OOOOa) |
| <input type="checkbox"/> Section 11.0 | Pneumatic Pump Affected Facility (NSPS, Subpart OOOOa) |
| <input type="checkbox"/> Section 12.0 | Fugitive Emissions GHG and VOC Standards (NSPS, Subpart OOOOa) |
| X Section 13.0 | Reciprocating Internal Combustion Engines, Generator Engines |
| X Section 14.0 | Tanker Truck/Rail Car Loading ² |
| <input type="checkbox"/> Section 15.0 | Glycol Dehydration Units ³ |

1 Applicants that are subject to Section 6 may also be subject to Section 7 if the applicant is subject to the NSPS, Subpart OOOO control requirements or the applicable control device requirements of Section 8.

2 Applicants that are subject to Section 14 may also be subject to control device and emission reduction device requirements of Section 8.

3 Applicants that are subject to Section 15 may also be subject to the requirements of Section 9 (reboilers). Applicants that are subject to Section 15 may also be subject to control device and emission reduction device requirements of Section 8.