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west virginia department of environmental protection

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

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

February 24, 2016

CERTIFIED MAIL  
91 7199 9991 7035 6613 6267

Paul Geiger  
10000 Energy Drive  
Spring, TX 77389

RE: Approved Registration G70-B193  
SWN Production Company, LLC  
Linda Greathouse Pad  
Facility ID No. 009-00103

Dear Mr. Geiger:

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-B and hereby grants General Permit registration authorizing the proposed activity.

General Permit G70-B 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. 1222 or [Roy.F.Kees@wv.gov](mailto:Roy.F.Kees@wv.gov).

Sincerely,

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

Enclosures: Registration G70-B193

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

*Earl Ray Tomblin  
Governor*

*Randy C. Huffman  
Cabinet Secretary*

**Class II General Permit  
G70-B 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-B.*

**G70-B193**

**Issued to:**

**SWN Production Company, LLC  
Linda Greathouse Pad  
009-00103**

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

*William F. Durham  
Director*

*Issued: February 24, 2016*

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This Class II General Permit Registration will supersede and replace R13-2978C.

Facility Location: Bethany, Brooke County, West Virginia  
Mailing Address: 10000 Energy Drive, Spring, TX 77389  
NAICS Code: 211111  
SIC Code: 1311  
Longitude Coordinates: 40.204092  
Latitude Coordinates: -80.607190  
Registration Type: Modification

Description of Change: Modification of a natural gas production pad. All equipment permitted under existing permit # R13-2978C has been removed. The following equipment is proposed under this modification: (3) compressor engines, four (4) GPUs, two (2) heater treaters, two (2) stabilizer heaters, eight (8) condensate and four (4) produced water tanks, one (1) vapor combustor, one (1) VRU compressor and truck loading.

*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.*

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*The source is not subject to 45CSR30.*

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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-B Annual Certification.** Annually from the date of G70-B registration issuance, the registrant shall prepare and submit a G70-B 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-B Annual Certification is due by February 24 of each calendar year.**

## Permit Section Applicability for the Registrant

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

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

<b>GENERAL PERMIT G70-B APPLICABLE SECTIONS</b>	
XSection 5.0	Gas Well Affected Facility (NSPS, Subpart OOOO)
XSection 6.0	Storage Vessels Containing Condensate and/or Produced Water <sup>1</sup>
<input type="checkbox"/> Section 7.0	Storage Vessel Affected Facility (NSPS, Subpart OOOO)
XSection 8.0	Control Devices and Emission Reduction Devices not subject to NSPS Subpart OOOO and/or NESHAP Subpart HH
XSection 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)
<input type="checkbox"/> Section 11.0	Centrifugal Compressor Affected Facility (NSPS, Subpart OOOO) <sup>2</sup>
<input type="checkbox"/> Section 12.0	Reciprocating Compressor Affected Facility (NSPS, Subpart OOOO) <sup>2</sup>
XSection 13.0	Reciprocating Internal Combustion Engines, Generator Engines
XSection 14.0	Tanker Truck Loading <sup>3</sup>
<input type="checkbox"/> Section 15.0	Glycol Dehydration Units <sup>4</sup>

*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 11 and 12 may also be subject to the applicable RICE requirements of Section 13.*

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

*4 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.*