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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. Huffman, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

August 19, 2016

CERTIFIED MAIL  
91 7199 9991 7034 1176 1415

Robert Hutson Sr.  
Diversified Oil & Gas, LLC  
PO Box 381087  
Birmingham, AL 35237

RE: **Approved Registration G35-C019B**  
Diversified Oil & Gas, LLC  
Antonelli Compressor Station  
Facility ID No. 001-00019

Dear Mr. Hutson,

The Director has determined that the submitted Registration Application and proposed modification of a natural gas compressor station demonstrates eligibility and compliance with the requirements, provisions, standards and conditions of General Permit G35-C and hereby grants General Permit registration authorizing the proposed activity.

General Permit G35-C 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. 1223 or [jerry.williams@wv.gov](mailto:jerry.williams@wv.gov).

Sincerely,

Jerry Williams, P.E.  
Engineer

Enclosures: Registration G35-C019B

c: Drew Adamo  
Leanne McConnell

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

*Earl Ray Tomblin  
Governor*

*Randy C. Huffman  
Cabinet Secretary*

**Class II General Permit  
G35-C Registration  
Class II Administrative Update**



for the  
Prevention and Control of Air Pollution in regard to the  
Construction, Modification, Relocation, Administrative Update and  
Operation of Oil and Natural Gas Compressor and/or Dehydration Facilities

*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 G35-C.*

**G35-C019B**

Issued to:  
**Diversified Oil & Gas, LLC  
Antonelli Compressor Station  
001-00119**

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

*William F. Durham  
Director*

*Issued: August 19, 2016*

This Class II General Permit Registration will supercede and replace G35A-019A issued on August 17, 2010.

Facility Location: Moatsville, Barbour County, West Virginia  
Mailing Address: PO Box 381087, Birmingham, AL 35238  
Physical Address: County Road 93 (Campbell Dairy), Moatsville  
Facility Description: Natural gas compressor station  
NAICS Code: 211111  
SIC Code: 1311  
Longitude Coordinates: -79.88191  
Latitude Coordinates: 39.21933  
Directions to Facility: From Charleston, follow I-79N to Exit 115, WV-20 S. Continue on WV-20 to WV-57 E. In approximately 12 miles, turn left onto US-119 N. Follow for 2 miles then turn right onto Blue and Gray Expy. Then, turn right onto Main St and continue onto US-250 S for 2 miles. Turn left onto WV-38 E / WV-92 N. After approximately 4.5 miles, sharp right onto Campbell Dairy. Site will be approximately 0.8 miles on the right.  
Registration Type: Class II Administrative Update  
Description of Change: Replacement of compressor engine.

*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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## Permit Section Applicability for the Registrant

*All registered facilities under General Permit G35-C are subject to Sections 1.0, 2.0, 3.0, and 4.0 of General Permit G35-C.*

The following additional sections of General Permit G35-C apply to the registrant:

GENERAL PERMIT G35-C APPLICABLE SECTIONS	
<input type="checkbox"/> Section 5.0	Storage Vessels Containing Condensate and/or Produced Water <sup>1</sup>
<input type="checkbox"/> Section 6.0	Storage Vessel Affected Facility (NSPS, Subpart OOOO)
<input type="checkbox"/> Section 7.0	Control Devices and Emission Reduction Devices not subject to NSPS Subpart OOOO and/or NESHAP Subpart HH
<input checked="" type="checkbox"/> Section 8.0	Small Heaters and Reboilers not subject to 40CFR60 Subpart Dc
<input type="checkbox"/> Section 9.0	Pneumatic Controllers Affected Facility (NSPS, Subpart OOOO)
<input type="checkbox"/> Section 10.0	Centrifugal Compressor Affected Facility (NSPS, Subpart OOOO) <sup>2</sup>
<input type="checkbox"/> Section 11.0	Reciprocating Compressor Affected Facility (NSPS, Subpart OOOO) <sup>2</sup>
<input checked="" type="checkbox"/> Section 12.0	Reciprocating Internal Combustion Engines, Generator Engines. Microturbine Generators
<input type="checkbox"/> Section 13.0	Tanker Truck Loading <sup>3</sup>
<input checked="" type="checkbox"/> Section 14.0	Glycol Dehydration Units <sup>4</sup>

*1 Registrants that are subject to Section 5 may also be subject to Section 6 if the applicant is subject to the NSPS, Subpart OOOO control requirements or the applicable control device requirements of Section 7.*

*2 Registrants that are subject to Section 10 and 11 are also subject to the applicable RICE requirements of Section 12.*

*3 Registrants that are subject to Section 13 may also be subject to control device and emission reduction device requirements of Section 7.*

*4 Registrants that are subject to Section 14 are also subject to the requirements of Section 8 (reboilers). Registrants that are subject to Section 14 may also be subject to control device and emission reduction device requirements of Section 7.*

<b>STORAGE VESSELS</b>										
<b>Emission Unit ID#</b>	<b>Emission Point ID#</b>	<b>Content</b>	<b>Maximum Volume (gal)</b>	<b>Annual Throughput Limit (gal/yr)</b>	<b>Control Device ID#</b>	<b>Manuf. Date</b>	<b>Year Installed/Modified</b>	<b>VRU</b>	<b>Subject to 40CFR60 Subpart OOOO?<sup>1</sup></b>	<b>G35-C Applicable Sections</b>
T1	T1	Wastewater (waste oil)	2,100	NA	None	NA	2009	No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	None
T2	T2	Wastewater (waste oil)	2,100	NA	None	NA	2009	No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	None

<sup>1</sup> Commenced construction, modification or reconstruction after August 23, 2011.

<b>FUEL BURNING UNITS</b>					
<b>See Section 8.0</b>					
<b>Emission Unit ID#</b>	<b>Emission Point ID#</b>	<b>Description</b>	<b>MDHI (MMBTU/hr)</b>	<b>Year Installed/Modified</b>	<b>G35-C Applicable Sections</b>
RBV-1	2E	Reboiler Vent	0.2	2009	8.0

RECIPROCATING INTERNAL COMBUSTION ENGINES									
See Section 12.0									
Emission Unit ID#	Emission Point ID#	Make/Model/HP	Control Device ID#	Year Installed/Modified	Engine Manufacture Date	Subject to 13.1.4/13.2.1	Engine Type	Applicable Rules	40CFR63 Subpart ZZZZ New or Existing?
CE-2	3E	Ajax 2802LE / 400 hp	None	2016	11/15/2006	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> 2SLB <input type="checkbox"/> 4SLB <input type="checkbox"/> 4SRB	<input type="checkbox"/> 40CFR60 Subpart JJJJ <input type="checkbox"/> Certified? <input type="checkbox"/> 40CFR60 Subpart IIII <input type="checkbox"/> Certified? <input type="checkbox"/> 40CFR63 Subpart ZZZZ <input checked="" type="checkbox"/> NESHAP ZZZZ/ NSPS JJJJ Window	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing

*New or reconstructed sources in accordance with 63.76590(c) must only meet the requirements of 40CFR60 Subparts IIII or JJJJ.*

**GLYCOL DEHYDRATION UNITS**

Are there any glycol dehydration units at this facility?

Yes  No

See Section 14.0

Emission Unit ID#	Emission Point ID#	Description (Make, Model)	Year Installed/Modified	Subject to 40CFR63 Subpart HH? <sup>1</sup>	40CFR63 Subpart HH Exemptions	Max Dry Gas Flow Rate (mmscf/day)	APCD/ERD ID#
RSV-1	2E	Dehy Unit Still Vent	2009	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Pump Optimization <input type="checkbox"/> No	<input checked="" type="checkbox"/> Benzene Exemption <input type="checkbox"/> Flowrate Exemption	4.9	None

<sup>1</sup> If Yes, specify if registrant meets benzene or flowrate exemption.

<b>EMISSION LIMITATIONS</b>					
<b>Emission Unit ID#</b>	<b>Emission Point ID#</b>	<b>Emission Unit Description</b>	<b>Pollutant</b>	<b>Maximum Potential Emissions</b>	
				<b>Hourly (lb/hr)</b>	<b>Annual (tons/year)</b>
CE-2	3E	Ajax 2802LE / 400 hp	Nitrogen Oxides	1.76	7.73
			Carbon Monoxide	1.06	4.64
			Volatile Organic Compounds	0.71	3.09
			Formaldehyde	0.27	1.16
RSV-1	2E	Glycol Dehy Still Vent	Volatile Organic Compounds	1.29	5.66
			Benzene	0.11	0.47
			Toluene	0.28	1.21
			Hexane	0.04	0.18