



**State of Mississippi**



**AIR POLLUTION CONTROL PERMIT**

To Construct Air Emissions Equipment

**THIS CERTIFIES**

Premier Natural Resources II LLC, Section 15 Production Facility

Will Barber Road

Prentiss, MS

Jefferson Davis County

has been granted permission to construct air emissions equipment to comply with the emission limitations, monitoring requirements and other conditions set forth herein. This permit is issued in accordance with the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder.

**Mississippi Environmental Quality Permit Board**

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**Mississippi Department of Environmental Quality**

Issued/Modified: FEB 26 2013

Expires:

Permit No. 1340-00034

Agency Interest # 18556

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## To Construct Air Emissions Equipment

Premier Natural Resources II LLC, Section 15 Production Facility

Subject Item Inventory

Permit Number:1340-00034

Activity ID No.: PER20130001

### Subject Item Inventory:

ID	Designation	Description
AI18556		
EQPT1	AA-001	738 HP Natural Gas Fired Compressor
EQPT2	AA-002	0.2 MMBTU/hr Glycol Dehydrator Reboiler
EQPT3	AA-003	Glycol Dehydrator Still Column
EQPT4	AA-004	400-barrel Water Tank

### KEY

ACT = Activity

AREA = Area

CONT = Control Device

IA = Insignificant Activity

RPNT = Release Point

AI = Agency Interest

CAFO = Concentrated Animal Feeding Operation

EQPT = Equipment

MAFO = Animal Feeding Operation

TRMT = Treatment

## To Construct Air Emissions Equipment

Premier Natural Resources II LLC, Section 15 Production Facility

Facility Requirements

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**AI0000018556:**

### Submittal/Action Requirements:

#### General Condition:

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Condition No.	Condition
S-1	General Condition - The permittee shall submit certification of construction: Due within thirty (30) days of completion of construction or installation of an approved stationary source or prior to startup, whichever is earlier. The notification shall certify that construction or installation was performed in accordance with the approved plans and specifications. In the event there is any change in construction from the previously approved plans and specifications or permit, the permittee shall promptly notify MDEQ in writing. If MDEQ determines the changes are substantial, MDEQ may require the submission of a new application to construct with "as built" plans and specifications. Notwithstanding any provision herein to the contrary, the acceptance of an "as built" application shall not constitute a waiver of the right to seek compliance penalties pursuant to State Law. [APC-S-2 V.D]

### Narrative Requirements:

#### General Condition:

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Condition No.	Condition
T-1	General Condition: Nothing in this permit releases the permittee from liability for constructing or operating air emissions equipment in violation of any applicable statute, rule or regulation of state or federal environmental authorities. [APC-S-2 II.B(8)]
T-2	General Condition: The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby. [APC-S-2 II.7]
T-3	General Condition: This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for this permit to be reopened shall exist when an air emissions stationary source becomes subject to Title V. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [APC-S-2 II.B(16)b]
T-4	General Condition: The permittee shall furnish to the MDEQ within a reasonable time any information the MDEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the MDEQ copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee shall furnish such records to the MDEQ along with a claim of confidentiality. [APC-S-2 II.B(16)d]

## To Construct Air Emissions Equipment

Premier Natural Resources II LLC, Section 15 Production Facility

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### AI0000018556 (continued):

#### Narrative Requirements:

##### General Condition:

Condition No.	Condition
T-5	General Condition: The Permit Board may require a permittee to submit an application for a Title V permit at any time the permittee becomes subject to Title V. [APC-S-2 II.B(3)]
T-6	General Condition: The stationary source shall be designed and constructed so as to operate without causing a violation of any Applicable Rules and Regulations or this permit, without interfering with the attainment and maintenance of State and National Ambient Air Quality Standards, and such that the emission of air toxics does not result in an ambient concentration sufficient to adversely affect human health and well-being or unreasonably and adversely affect plant or animal life beyond the stationary source boundaries. [APC-S-2 V.A]
T-7	General Condition: It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit unless halting or reducing activity would create an imminent and substantial endangerment threatening the public health and safety of the lives and property of the people of this state. [APC-S-2 II.B(16)a]
T-8	General Condition: The permittee shall retain all required records, monitoring data, supported information and reports for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all original strip-chart recordings or other data for continuous monitoring instrumentation, and copies of all reports required by this permit. Copies of such records shall be submitted to MDEQ as required by Applicable Rules and Regulations or this permit or upon request. [APC-S-2 II.IX]
T-9	General Condition: It is the responsibility of the permittee to obtain all other approvals, permits, clearances, easements, agreements, etc., which may be required including, but not limited to, all required local government zoning approvals or permits. [APC-S-2 II.C(6)]
T-10	General Condition: The knowing submittal of a permit application with false information may serve as the basis for the Permit Board to void the permit issued pursuant thereto or subject the applicant to penalties for constructing or operating without a valid permit. [APC-S-2 II.B(6)]

## To Construct Air Emissions Equipment

Premier Natural Resources II LLC, Section 15 Production Facility

Facility Requirements

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### AI0000018556 (continued):

#### Narrative Requirements:

##### General Condition:

Condition No.	Condition
T-11	<p>General Condition: Regarding compliance testing:</p> <p>(a) The results of any emissions sampling and analysis shall be expressed both in units consistent with the emission standards set forth in any Applicable Rules and Regulations or this permit and in units of mass per time.</p> <p>(b) Compliance testing will be performed at the expense of the permittee.</p> <p>(c) Each emission sampling and analysis report shall include but not be limited to the following:</p> <ol style="list-style-type: none"><li>1. detailed description of testing procedures;</li><li>2. sample calculation(s);</li><li>3. results; and</li><li>4. comparison of results to all Applicable Rules and Regulations and to emission limitations in the permit. [APC-S-2 VI]</li></ol>
T-12	<p>General Condition: The permittee has been granted permission to construct air emissions equipment for the emissions of air contaminants to comply with the emission limitations, monitoring requirements and other conditions set forth herein. This permit is issued in accordance with the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder. Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct. [APC-S-2 II.B(11)]</p>
T-13	<p>General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49_17_29 1.b]</p>
T-14	<p>General Condition: All air pollution control facilities shall be designed and constructed such as to allow proper operation and maintenance of the facilities. [APC-S-2 V.A]</p>
T-15	<p>General Condition: The necessary facilities shall be constructed so that solids removed in the course of control of air emissions may be disposed of in a manner such as to prevent the solids from becoming windborne and to prevent the materials from entering State waters without the proper environmental permits. [Miss. Code Ann. 49_17_29]</p>
T-16	<p>General Condition: The air pollution control facilities shall be constructed such that diversion from or bypass of collection and control facilities is not needed except as provided for in Regulation APC-S-1, "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", Section 10. [APC-S-1 10]</p>

## To Construct Air Emissions Equipment

Premier Natural Resources II LLC, Section 15 Production Facility

Facility Requirements

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### AI0000018556 (continued):

#### Narrative Requirements:

##### General Condition:

Condition No.	Condition
T-17	General Condition: The construction of facilities shall be performed in such a manner so as to reduce both point source and fugitive dust emissions from construction activities to a minimum. [APC-S-2 V.A(4)]
T-18	General Condition: The permittee shall allow the Mississippi Environmental Quality Commission, the Mississippi Environmental Quality Permit Board, MDEQ staff and/or their authorized representatives, upon the presentation of credentials: a. To enter upon the permittee's premises where an air emission source is located or in which any records are required to be kept under the terms and conditions of this permit; and b. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring equipment or monitoring method required in this permit, and to sample any air emission. [Miss. Code Ann. 49_17_21]
T-19	General Condition: After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for good cause shown including, but not limited to, the following: a. Persistent violation of any terms or conditions of this permit; b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or c. A change in any condition that requires either a temporary or permanent reduction or elimination of previously authorized air emissions. [APC-S-2 II.C]
T-20	General Condition: Except for data determined to be confidential under the Mississippi Air & Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Mississippi Department of Environmental Quality Office of Pollution Control. [Miss. Code Ann. 49_17_39]
T-21	General Condition: The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations. [APC-S-2 II.B(16)c]
T-22	General Condition: This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board. [APC-S-2 II.XIII]
T-23	General Condition: This permit is for air pollution control purposes only. [APC-S-2 I.C(1)]
T-24	General Condition: Approval to construct will expire if construction does not begin within eighteen (18) months of the issuance of this permit, or if construction is suspended for eighteen (18) months or more. The Permit Board may extend this permit for such additional time it deems appropriate if, at the time of the extension request, the applicant can demonstrate it meets all requirements necessary to issue a new permit to construct. [APC-S-2 V.C]

**To Construct Air Emissions Equipment**

Premier Natural Resources II LLC, Section 15 Production Facility

Facility Requirements

Permit Number:1340-00034

Activity ID No.: PER20130001

**EQPT0000000001 (AA-001) 738 HP Natural Gas Fired Compressor:**

Limitation Requirements:

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Condition No.	Parameter	Condition
L-1	Opacity	The permittee shall have emissions of Opacity $\leq$ 40 % as determined by EPA Method 9, 40 CFR 60, Appendix A. [APC-S-1 3.1(a)]

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**To Construct Air Emissions Equipment**

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Facility Requirements

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**EQPT0000000002 (AA-002) 0.2 MMBTU/hr Glycol Dehydrator Reboiler:**

Limitation Requirements:

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Condition No.	Parameter	Condition
L-1	Opacity	The permittee shall have emissions of Opacity $\leq$ 40 % as determined by EPA Method 9, 40 CFR 60, Appencis A. [APC-S-1 3.1(a)]

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## GENERAL INFORMATION

Premier Natural Resources II LLC, Section 15 Production Facility  
Will Barber Road  
Prentiss, MS  
Jefferson Davis County

### Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
18556	Premier Natural Resources II, LLC	Official Site Name	2/14/2013	
134000034	EOG Resources Inc, Gwinville Crosstex Compressor Facility	Air-Construction	12/3/2003	2/26/2013
2806500034	Premier Natural Resources II, LLC, Sect 15 Prod	Air-AIRS AFS (MDEQ USE ONLY)	11/14/2003	
18556	EOG Resources Inc., Gwinville Crosstex Compressor Facility	Historic Site Name	11/14/2003	8/14/2008
18556	EOG Resources Inc, Section 15 Production Facility	Historic Site Name	8/14/2008	2/14/2013
134000034	Premier Natural Resources II LLC, Section 15 Production Facility	Air-Construction	2/26/2013	

**Basin:** Pearl River Basin

**Location Description:**