



## State of Mississippi

### AIR POLLUTION CONTROL PERMIT



#### Permit To Construct Air Emissions Equipment

#### **THIS CERTIFIES**

Denbury Onshore LLC, East Heidelberg Membrane Site  
Off Highway 528 to Unnamed Road  
Heidelberg, MS  
Jasper 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: SEP 22 2014

Expires:

Permit No. 1300-00083

Agency Interest # 14858

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## Permit To Construct Air Emissions Equipment

Denbury Onshore LLC, East Heidelberg Membrane Site

Subject Item Inventory

Permit Number:1300-00083

Activity ID No.: PER20140001

### Subject Item Inventory:

ID	Designation	Description
AI14858	14585	Natural Gas Production
EQPT1	AA-001	690 HP Field Gas Compressor Engine (4-14-ICE-ES) with emissions controlled by oxidation catalyst
EQPT2	AA-002	145 HP Field Gas Compressor Engine (5-14-ICE-ES) with emissions controlled by catalytic converter
EQPT3	AA-003	830 HP Field Gas Compressor Engine (6-14-ICE-ES) with emissions controlled by catalytic converter
EQPT4	AA-004	500 MMBtu/hr Glycol Regenerator Reboiler Stack (1-14-GR-BS)
EQPT5	AA-005	Glycol Regenerator Still Column (2-14-GR-SC)
EQPT6	AA-006	Truck Tank Loading (7-14-LL)
AREA1	AA-007	Pneumatic Controllers (8-14-PC)
AREA2	AA-008	Vent Stack (14-14-VS)
EQPT12	AA-009	Inlet Separator
EQPT13	AA-010	Membrane Unit
EQPT7	AA-011	8,820 Gallon Slop Oil Storage Tank (3-14-SOT-V)
EQPT8	AA-012	500 Gallon Lube Oil Storage Tank (10-14-LOT)
EQPT9	AA-013	500 Gallon Lube Oil Storage Tank (11-14-LOT)
EQPT10	AA-014	500 Gallon Lube Oil Storage Tank (12-14-LOT)
EQPT11	AA-015	300 Gallon Triethylene Glycol Storage Tank (13-14-GST)

### Subject Item Groups:

ID	Description	Components
GRPT1	Storage Tanks	EQPT7 8,820 Gallon Slop Oil Storage Tank (3-14-SOT-V)
		EQPT8 500 Gallon Lube Oil Storage Tank (10-14-LOT)
		EQPT9 500 Gallon Lube Oil Storage Tank (11-14-LOT)
		EQPT10 500 Gallon Lube Oil Storage Tank (12-14-LOT)

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ID	Description	Components
GRPT1	Storage Tanks	EQPT11 300 Gallon Triethylene Glycol Storage Tank (13-14-GST)

### **KEY**

ACT = Activity

AREA = Area

CONT = Control Device

IA = Insignificant Activity

MAFO = Animal Feeding Operation

RPNT = Release Point

WDPT = Withdrawal Point

AI = Agency Interest

CAFO = Concentrated Animal Feeding Operation

EQPT = Equipment

IMPD = Impoundment

PCS = PCS

TRMT = Treatment

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### AI0000014858 (14585) Natural Gas Production:

#### Limitation Requirements:

Condition No.	Parameter	Condition
L-1		For all combustion units operating at this facility, the permittee shall combust only produced natural gas. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

#### Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall monitor the type and the quantity of fuel used. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

#### Submittal/Action Requirements:

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. [11 Miss. Admin. Code Pt. 2, R. 2.5.D.]
S-2	Within fifteen (15) days of beginning actual construction, the permittee must notify DEQ in writing that construction has begun. [11 Miss. Admin.Code Pt. 2, R.2.5.C(2).]
S-3	The permittee must notify DEQ in writing when construction does not begin within eighteen (18) months of issuance or if construction is suspended for eighteen (18) months or more. [11 Miss. Admin.Code Pt. 2, R.2.5.C(4).]

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### AI0000014858 (continued):

#### Narrative Requirements:

##### General Condition:

Condition No.	Condition
T-1	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. [11 Miss. Admin.Code Pt. 2, R.2.5.A.]
T-2	General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49_17_29 1.b]
T-3	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]
T-4	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 11 Miss. Admin. Code Pt.2, R. 1.10 "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", Section 10. [11 Miss. Admin. Code Pt. 2, R. 1.10]
T-5	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-6	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. [11 Miss. Admin.Code Pt. 2, R.2.2.C.]
T-7	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]

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### AI0000014858 (continued):

#### Narrative Requirements:

Condition No.	Condition
T-8	General Condition:This permit is for air pollution control purposes only. [11 Miss. Admin.Code Pt. 2, R.2.1.D.]
T-9	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 operating without a valid permit pursuant to State Law. [11 Miss. Admin.Code Pt. 2, R.2.2.B(5).]
T-10	General Condition: It is the responsibility of the applicant/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. [11 Miss. Admin.Code Pt. 2, R.2.1.D(6).]
T-11	General Condition: The issuance of a permit does not release 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. [11 Miss. Admin.Code Pt. 2, R.2.1.D(7).]
T-12	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 the 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. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(a).]
T-13	General Condition: The permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for a 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 permit condition. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(b).]
T-14	General Condition: The permit does not convey any property rights of any sort, or any exclusive privilege. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(c).]
T-15	General Condition: The permittee shall furnish to the DEQ within a reasonable time any information the DEQ 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 DEQ 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 DEQ along with a claim of confidentiality. The permittee may furnish such records directly to the Administrator along with a claim of confidentiality. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(d).]
T-16	General Condition: This permit shall not be transferred except upon approval of the Permit Board. [11 Miss. Admin.Code Pt. 2, R.2.16.B.]

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### AI0000014858 (continued):

#### Narrative Requirements:

Condition No.	Condition
T-17	General Condition: The provisions of this permit are severable. If any provision of the permit, or the application of any provision of the 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. [11 Miss. Admin.Code Pt. 2, R.1.1.D(7).]
T-18	General Condition: The permit to construct will expire if construction does not begin within eighteen (18) months from the date of issuance or if construction is suspended for eighteen (18) months or more. [11 Miss. Admin.Code Pt. 2, R.2.5.C(1).]
T-19	General Condition: A new stationary source issued a Permit to Construct cannot begin operation until certification of construction by the permittee. [11 Miss. Admin.Code Pt. 2, R.2.5.D(3).]
T-20	General Condition: Except as prohibited in 11 Miss. Admin. Code Pt. 2,R. 2.5.D(7) after certification of construction by the permittee, the Permit to Construct shall be deemed to satisfy the requirement for a permit to operate until the date the application for issuance or modification of the Title V Permit or the application for issuance or modification of the State Permit to Operate, whichever is applicable, is due. This provision is not applicable to a source excluded from the requirement for a permit to operate as provided by APC-S-2, Section XIII.G. [11 Miss. Admin. Code Pt. 2, R. 2.5.D(4).]
T-21	General Condition: Except as otherwise specified in 11 Miss. Admin. Code Pt. 2, R. 2.5.D(7), the application for issuance or modification of the State Permit to Operate or the Title V Permit, whichever is applicable, is due twelve (12) months after beginning operation or such earlier date or time as specified in the Permit to Construct. The Permit Board may specify an earlier date or time for submittal of the application. Beginning operation will be assumed to occur upon certification of construction, unless the permittee specifies differently in writing. [11 Miss. Admin. Code Pt. 2, R. 2.5.D(5).]
T-22	General Condition: Except as otherwise specified in 11 Miss. Admin. Code Pt. 2, R. 2.5.D(7), upon submittal of a timely and complete application for issuance or modification of a State Permit to Operate or a Title V Permit, whichever is applicable, the applicant may continue to operate under the terms and conditions of the Permit to Construct and in compliance with the submitted application until the Permit Board issues, modifies, or denies the Permit to Operate. [11 Miss. Admin. Code Pt. 2, R. 2.5.D(6).]
T-23	General Condition: For moderate modifications that require contemporaneous enforceable emissions reductions from more than one emission point in order to net out of PSD/NSR, the applicable Title V Permit to Operate or State Permit to Operate must be modified prior to beginning operation of the modified facilities. [11 Miss. Admin.Code Pt. 2, R.2.5.D(7).]



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### AI0000014858 (continued):

#### Narrative Requirements:

Condition No.	Condition
T-24	<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 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. [11 Miss. Admin.Code Pt. 2, R.2.6.B(3),(4)&amp;(6).]</li></ol>
T-25	<p>General Condition: The construction of the stationary source shall be performed in such a manner so as to reduce fugitive dust emissions from construction activities to a minimum. [11 Miss. Admin.Code Pt. 2, R.2.5.A(4).]</p>

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### EQPT0000000001 (AA-001) 690 HP Field Gas Compressor Engine (4-14-ICE-ES) with emissions controlled by oxidation catalyst:

#### Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Carbon Monoxide	Carbon Monoxide: The permittee shall have exhaust emissions of CO less than 2.0 g/HP-hr. [40 CFR 60.4233(e)]
L-2	Particulate Matter	Particulate Matter: The permittee shall not have particulate emissions from fossil fuel burning installations of less than 10 MMBTU/hr heat input that exceeds 0.6 lb/MMBTU. [11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)a]
L-3	Nitrogen oxides	Nitrogen oxides: The permittee shall have exhaust emissions of NOx less than 1.0 g/HP-hr. [40 CFR 60.4233(e)]
L-4	Opacity	Opacity: The permittee shall not have emissions of opacity greater than or equal to 40% as determined by EPA Reference Method 9, 40 CFR 60, Appendix A. [11 Miss. Admin. Code Pt. 2, R. 1.3.A]
L-5	Sulfur Dioxide	Sulfur Dioxide: The permittee shall not discharge sulfur oxides from any fuel burning installations in which fuel is burned primarily to produce heat of power by indirect heat transfer in excess of 4.8 lb/MMBTU (measured as sulfur dioxide) heat input. [11 Miss. Admin. Code Pt. 2, R. 1.4.A(1)]
L-6	VOC	VOC: The permittee shall have exhaust emissions of VOC less than 0.7 g/HP-hr. [40 CFR 60.4233(e)]
L-7		The permittee is subject to the New Source Performance Standard for Stationary Spark Ignition Internal Combustion Engines in 40 CFR 60, Subpart JJJJ, and the General Provisions in Subpart A. [40 CFR 60_SUBPART JJJJ]

#### Submittal/Action Requirements:

Condition No.	Condition
S-1	The permittee shall demonstrate compliance with 40 CFR 60.4233 by conducting an initial performance test within one (1) year of engine startup and conduct subsequent performance test every 8,760 hours or three (3) years, whichever comes first, thereafter to demonstrate compliance. The permittee shall keep records of maintenance performed on the engine and must keep a maintenance plan in accordance with 40 CFR 60.4243. [40 CFR 60.4243]

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**EQPT0000000001 (continued):**

Narrative Requirements:

Condition	
No.	Condition
T-1	Such air emission equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

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Denbury Onshore LLC, East Heidelberg Membrane Site

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### EQPT0000000002 (AA-002) 145 HP Field Gas Compressor Engine (5-14-ICE-ES) with emissions controlled by catalytic converter:

#### Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	Particulate Matter: The permittee shall not have particulate emissions from fossil fuel burning installations of less than 10 MMBTU/hr heat input that exceeds 0.6 lb/MMBTU. [11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)a]
L-2	Opacity	Opacity: The permittee shall not have emissions of opacity greater than or equal to 40% as determined by EPA Reference Method 9, 40 CFR 60, Appendix A. [11 Miss. Admin. Code Pt. 2, R. 1.3.A]
L-3	Sulfur Dioxide	Sulfur Dioxide: The permittee shall not discharge sulfur oxides from any fuel burning installations in which fuel is burned primarily to produce heat of power by indirect heat transfer in excess of 4.8 lb/MMBTU (measured as sulfur dioxide) heat input. [11 Miss. Admin. Code Pt. 2, R. 1.4.A(1)]
L-4		The permittee is subject to the National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines in 40 CFR 63, Subpart ZZZZ and the General Provisions in Subpart A. [40 CFR 63_Subpart ZZZZ]
L-5		The permittee shall only operate the compressor engine with emissions controlled by the catalytic converter such that exhaust emissions do not exceed 0.32 lb/hr NOx and 0.96 lb/hr CO. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

#### Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall continuously monitor the temperature rise across the catalyst bed by monitoring inlet and outlet temperature of the catalyst bed. The permittee shall maintain proper catalyst operation and efficiency. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

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### EQPT0000000002 (continued):

#### Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall keep on site a log of all inspections, maintenance, and repairs performed on the catalytic converter. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

#### Submittal/Action Requirements:

Condition No.	Condition
S-1	The permittee shall conduct annual portable analyzer stack tests of the engine exhaust gas to ensure catalyst performance. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]
S-2	The permittee shall report any deviations from the emission limitation or any occurrences where the compressor engines operated without the catalytic converter. This report shall include the time, date, reason for the deviation, and corrective actions or preventive measures taken. The report shall be submitted with five (5) days of the time the deviation began. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

#### Narrative Requirements:

Condition No.	Condition
T-1	Such air emission equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

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### EQPT0000000003 (AA-003) 830 HP Field Gas Compressor Engine (6-14-ICE-ES) with emissions controlled by catalytic converter:

#### Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	Particulate Matter: The permittee shall not have particulate emissions from fossil fuel burning installations of less than 10 MMBTU/hr heat input that exceeds 0.6 lb/MMBTU. [11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)a]
L-2	Opacity	Opacity: The permittee shall not have emissions of opacity greater than or equal to 40% as determined by EPA Reference Method 9, 40 CFR 60, Appendix A. [11 Miss. Admin. Code Pt. 2, R. 1.3.A]
L-3	Sulfur Dioxide	Sulfur Dioxide: The permittee shall not discharge sulfur oxides from any fuel burning installations in which fuel is burned primarily to produce heat of power by indirect heat transfer in excess of 4.8 lb/MMBTU (measured as sulfur dioxide) heat input. [11 Miss. Admin. Code Pt. 2, R. 1.4.A(1)]
L-4		The permittee is subject to the National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines in 40 CFR 63, Subpart ZZZZ and the General Provisions in Subpart A. [40 CFR 63_Subpart ZZZZ]
L-5		Except during periods of startups, the permittee shall comply with the follow requirements: a) Change oil and filter every 2,160 hours of operation or annually, whichever comes first; b) Inspect spark plugs every 2,160 hours of operation or annually, whichever comes first; c) Inspect all hoses and belts every 2,160 hours of operation or annually, whichever comes first, and replace as necessary. [40 CFR 63.6603]
L-6		The permittee shall minimize the engine's time spent at idle and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply. [40 CFR 63.6603]
L-7		The permittee shall only operate the compressor engine with emissions controlled by the catalytic converter such that exhaust emissions do not exceed 3.66 lb/hr NOx and 3.66 lb/hr CO. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

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### EQPT0000000003 (continued):

#### Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall comply with the following work and management practices: a) Operating and maintaining the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions; or b) Develop and follow your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. [40 CFR 63.6603(a)]
M-2		The permittee shall continuously monitor the temperature rise across the catalyst bed by monitoring inlet and outlet temperature of the catalyst bed. The permittee shall maintain proper catalyst operation and efficiency. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

#### Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall keep on site a log of all inspections, maintenance, and repairs performed on the catalytic converter. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

#### Submittal/Action Requirements:

Condition No.	Condition
S-1	The permittee shall conduct annual portable analyzer stack tests of the engine exhaust gas to ensure catalyst performance. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

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### EQPT0000000003 (continued):

#### Submittal/Action Requirements:

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Condition No.	Condition
S-2	The permittee shall report any deviations from the emission limitation or any occurrences where the compressor engines operated without the catalytic converter. This report shall include the time, date, reason for the deviation, and corrective actions or preventive measures taken. The report shall be submitted with five (5) days of the time the deviation began. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

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#### Narrative Requirements:

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Condition No.	Condition
T-1	Such air emission equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

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### EQPT0000000004 (AA-004) 500 MMBtu/hr Glycol Regenerator Reboiler Stack (1-14-GR-BS):

#### Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Opacity	Opacity: The permittee shall not have emissions of opacity greater than or equal to 40% as determined by EPA Reference Method 9, 40 CFR 60, Appendix A. [11 Miss. Admin. Code Pt. 2, R. 1.3.A]
L-2	Sulfur Dioxide	Sulfur Dioxide: The permittee shall not discharge sulfur oxides from any fuel burning installations in which fuel is burned primarily to produce heat of power by indirect heat transfer in excess of 4.8 lb/MMBTU (measured as sulfur dioxide) heat input. [11 Miss. Admin. Code Pt. 2, R. 1.4.A(1)]
L-3		The permittee shall not have particulate emissions from fossil fuel burning installations of less than 10 MMBTU/hr heat input that exceeds 0.6 lb/MMBTU. [11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)a]

#### Narrative Requirements:

Condition No.	Condition
T-1	Such air emission equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

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**EQPT0000000005 (AA-005) Glycol Regenerator Still Column (2-14-GR-SC):**

Narrative Requirements:

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Condition No.	Condition
T-1	Such air emission equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

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**EQPT0000000006 (AA-006) Truck Tank Loading (7-14-LL):**

Narrative Requirements:

Condition	
No.	Condition
T-1	Such air emission equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

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**AREA0000000001 (AA-007) Pneumatic Controllers (8-14-PC):**

Narrative Requirements:

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Condition No.	Condition
T-1	Such air emission equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 202.B(10)]

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**AREA0000000002 (AA-008) Vent Stack (14-14-VS):**

Narrative Requirements:

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Condition No.	Condition
T-1	Such air emission equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

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**Permit To Construct Air Emissions Equipment**

Denbury Onshore LLC, East Heidelberg Membrane Site

Facility Requirements

Permit Number:1300-00083

Activity ID No.: PER20140001

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**EQPT0000000012 (AA-009) Inlet Separator:**

Narrative Requirements:

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Condition No.	Condition
T-1	Such air emission equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

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**Permit To Construct Air Emissions Equipment**

Denbury Onshore LLC, East Heidelberg Membrane Site

Facility Requirements

Permit Number:1300-00083

Activity ID No.: PER20140001

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**EQPT0000000013 (AA-010) Membrane Unit:**

Narrative Requirements:

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Condition No.	Condition
T-1	Such air emission equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

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**Permit To Construct Air Emissions Equipment**

Denbury Onshore LLC, East Heidelberg Membrane Site

Facility Requirements

Permit Number:1300-00083

Activity ID No.: PER20140001

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**GRPT0000000001 (AT-001) Storage Tanks:**

Narrative Requirements:

Condition	
No.	Condition
T-1	Such air emission equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]



## GENERAL INFORMATION

Denbury Onshore LLC, East Heidelberg Membrane Site  
Off Highway 528 to Unnamed Road  
Heidelberg, MS  
Jasper County

### Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
14858	Denbury Onshore, LLC	Official Site Name	5/20/2014	
130000046	Magnolia Resources Inc, Eddy Compressor Station	Air-Construction	8/3/2000	
2806100046	American Midstream MS, LLC	Air-AIRS AFS (MDEQ USE ONLY)	8/3/2000	6/11/2014
14858	Magnolia Resource, Inc.	Historic Site Name	6/5/2000	3/29/2011
14858	American Midstream Partners, LP	Historic Site Name	3/29/2011	5/20/2014
2806100083	Denbury Onshore LLC, East Heidelberg Membrane Site	Air-AIRS AFS	6/11/2014	
130000083	Denbury Onshore LLC, East Heidelberg Membrane Site	Air-Construction	9/22/2014	

**Basin:** Pascagoula River Basin

**Location Description:** Imported from I-sys