



State of Mississippi

AIR POLLUTION CONTROL PERMIT

Permit To Construct Air Emissions Equipment



THIS CERTIFIES

Gulf Pine Energy LP, MB 9-16H Number 1 Facility
off Dickerson Road
Steens, MS
Lowndes 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

Mississippi Department of Environmental Quality

Issued/Modified: FEB 22 2017

Expires:

Permit No. 1680-00079

Agency Interest # 69067

Table of Contents

Subject Item Inventory.....i

Facility Requirements.....1

General Information.....A-1

Other Relevant Documents:

Permit To Construct Air Emissions Equipment

Gulf Pine Energy LP, MB 9-16H Number 1 Facility

Subject Item Inventory

Permit Number: 1680-00079

Activity ID No.: PER20150001

Subject Item Inventory:

ID	Designation	Description
AI69067	69067	Oil and Gas Production
EQPT1	AA-001	0.5 MMBtu/hr Field Gas Heater Treater
CONT1	AA-002	Flare/Combustor to control emission from Heater Treater and the Three Phase Separator
EQPT7	AA-003	80 HP Field Gas Pump Well Jack
AREA1	AA-004	Fugitive Equipment Leaks
EQPT2	AA-005	Three Phase Separator
EQPT3	AA-006	Truck Loading
EQPT4	AA-007	16,800 Gallon Vertical Fixed Roof Crude Oil Storage Tank
EQPT5	AA-008	16,800 Gallon Vertical Fixed Roof Crude Oil Storage Tank
EQPT6	AA-009	16,800 Gallon Vertical Fixed Roof Produce Water Storage Tank

Subject Item Groups:

ID	Description	Components
GRPT1	Crude Oil and Produce Water Storage Tanks	EQPT4 16,800 Gallon Vertical Fixed Roof Crude Oil Storage Tank
		EQPT5 16,800 Gallon Vertical Fixed Roof Crude Oil Storage Tank
		EQPT6 16,800 Gallon Vertical Fixed Roof Produce Water Storage Tank

Permit To Construct Air Emissions Equipment

Gulf Pine Energy LP, MB 9-16H Number 1 Facility

Subject Item Inventory

Permit Number: 1680-00079

Activity ID No.: PER20150001

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

Permit To Construct Air Emissions Equipment

Gulf Pine Energy LP, MB 9-16H Number 1 Facility

Facility Requirements

Permit Number: 1680-00079

Activity ID No.:PER20150001

Page 1 of 17

AI0000069067 (69067) Oil and Gas Production:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Carbon Monoxide	Carbon Monoxide: The permittee shall limit carbon monoxide (CO) emissions to no more than 99.9 tons per 12 month rolling total. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]
L-2	VOC	VOC: The permittee shall limit volatile organic compounds (VOC) emissions to no more than 99.9 tons per 12 month rolling total. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]
L-3	HAP, Total (Limit)	HAP, Total (Limit): The permittee shall limit hazardous air pollutants (HAP) emissions to no more than 9.9 tons per 12 month rolling total for any single HAP and no more than 24.9 tons per 12 month rolling total for total combined HAPs. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]
L-4	Fuel Combusted	Fuel Combusted: 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)]
L-5		The facility is subject to 40 CFR 60, Subpart OOOOa, New Source Performance Standards for Crude Oil and Natural Gas Production, Transmission and Distribution. The permittee shall comply with the fugitive emission requirements listed in 40 CFR 60.5365a(i). The permittee shall reduce GHG (in the form of a limitation on emissions of methane) and VOC emissions by complying with requirements listed in 40 CFR 60.5397a(a) through (j). [40 CFR 60.5397a, 40 CFR 60_Subpart OOOO.a]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall calculate the gas to oil ratio (GOR) from the production of crude oil and gas, annually. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

Permit To Construct Air Emissions Equipment

Gulf Pine Energy LP, MB 9-16H Number 1 Facility

Facility Requirements

Permit Number: 1680-00079

Activity ID No.:PER20150001

Page 2 of 17

AI0000069067 (69067) Oil and Gas Production:

Monitoring Requirements:

Condition No.	Parameter	Condition
M-2		The permittee shall conduct an annual produced field gas analysis, including hydrogen sulfide concentration, sulfur content, methane concentration (volume), gross heating value, molecular weight and speciated VOC constituents. The first produced field gas analysis shall be conducted no later than 60 days after certifying construction. Additionally, an updated produced field gas analysis must be conducted within 90 days from startup of any well that starts up after the most recent analysis. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]
M-3		The permittee shall demonstrate initial compliance with the standards by developing an emission monitoring plan that covers the collection of fugitive emission components at well sites within each company defined area in accordance with 40 CFR 60.5410a(j). The permittee shall submit initial annual report for each collection of fugitive emission components at a well site as required by 40 CFR 60.5420a(b)(1) and (7). [40 CFR 60.5410a(j)]
M-4		The permittee shall demonstrate continuous compliance with the standards by developing an emission monitoring plan that covers the collection of fugitive emission components at well sites within each company defined area in accordance with 40 CFR 60.5415a(h). [40 CFR 60.5415a(h)]

Permit To Construct Air Emissions Equipment

Gulf Pine Energy LP, MB 9-16H Number 1 Facility

Facility Requirements

Permit Number: 1680-00079

Activity ID No.:PER20150001

Page 3 of 17

AI0000069067 (69067) Oil and Gas Production:

Record-Keeping Requirements:

Condition No.	Condition
R-1	<p>The permittee shall keep the following records:</p> <ul style="list-style-type: none">(1) Monthly and rolling 12 month total for: produced crude oil (barrels), produced water (barrels), volume of gas flared (cubic feet/day), percentage of each VOC and HAP by weight, density of each VOC and HAP, carbon monoxide (CO) emissions (lbs and tons), volatile organic compound (VOC) emissions (lbs and tons), total hazardous air pollutants (HAP) emissions (lbs and tons) and individual HAP emissions (lbs and tons)(2) Results of all field gas analysis performed during the reporting period(3) Gas to Oil Ratio (GOR) annual value(4) log/record of weekly visible emission observation on the flare. <p>The permittee shall maintain a copy of this record on site for at least five years and shall make them available upon request by the Mississippi Department of Environmental Quality (MDEQ) personnel. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]</p>

Permit To Construct Air Emissions Equipment

Gulf Pine Energy LP, MB 9-16H Number 1 Facility

Facility Requirements

Permit Number: 1680-00079

Activity ID No.:PER20150001

Page 4 of 17

AI0000069067 (69067) Oil and Gas Production:

Submittal/Action Requirements:

Condition No.	Condition
S-1	<p>The permittee shall report annually by January 31st for the preceding calendar year:</p> <p>(1) Monthly and rolling 12 month total for: produced crude oil (barrels), produced water (barrels), produced field gas (MMSCF), volume of gas flared (cubic feet/day), percentage of each VOC and HAP by weight, density of each VOC and HAP, carbon monoxide (CO) emissions (lbs and tons), volatile organic compound (VOC) emissions (lbs and tons), total hazardous air pollutants (HAP) emissions (lbs and tons) and individual HAP emissions (lbs and tons), including sample calculations;</p> <p>(2) Results of all field gas analysis performed during the reporting period</p> <p>(3) Gas to Oil Ratio (GOR) annual value</p> <p>(4) date, start time and duration of any upsets or bypasses of control devices at the facility. If no bypasses or upsets have occurred, the facility should submit negative declarations;</p> <p>(5) results of all EPA Method 22 analysis conducted on the control flare. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]</p>
S-2	<p>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.]</p>
S-3	<p>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).]</p>
S-4	<p>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).]</p>
S-5	<p>The permittee shall submit annual reports containing information specified in 40 CFR 60.5420a(b)(7) and (c)(15). [40 CFR 60.5420a]</p>

Permit To Construct Air Emissions Equipment

Gulf Pine Energy LP, MB 9-16H Number 1 Facility

Facility Requirements

Permit Number: 1680-00079

Activity ID No.:PER20150001

Page 5 of 17

AI0000069067 (69067) Oil and Gas Production:

Submittal/Action Requirements:

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.]

Permit To Construct Air Emissions Equipment

Gulf Pine Energy LP, MB 9-16H Number 1 Facility

Facility Requirements

Permit Number: 1680-00079

Activity ID No.:PER20150001

Page 6 of 17

AI0000069067 (69067) Oil and Gas Production:

Narrative Requirements:

Condition No.	Condition
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]
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).]

Permit To Construct Air Emissions Equipment

Gulf Pine Energy LP, MB 9-16H Number 1 Facility

Facility Requirements

Permit Number: 1680-00079

Activity ID No.:PER20150001

Page 7 of 17

AI0000069067 (69067) Oil and Gas Production:

Narrative Requirements:

Condition No.	Condition
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.]
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 11 Miss. Admin. Code Pt. 2, R. 2.13.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).]

Permit To Construct Air Emissions Equipment

Gulf Pine Energy LP, MB 9-16H Number 1 Facility

Facility Requirements

Permit Number: 1680-00079

Activity ID No.:PER20150001

Page 8 of 17

AI0000069067 (69067) Oil and Gas Production:

Narrative Requirements:

Condition No.	Condition
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).]
T-24	General Condition: Regarding compliance testing: (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. (b) Compliance testing will be performed at the expense of the permittee. (c) Each emission sampling and analysis report shall include but not be limited to the following: 1. detailed description of testing procedures; 2. sample calculation(s); 3. results; and 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)&(6).]
T-25	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).]

Permit To Construct Air Emissions Equipment

Gulf Pine Energy LP, MB 9-16H Number 1 Facility

Facility Requirements

Permit Number: 1680-00079

Activity ID No.:PER20150001

Page 9 of 17

EQPT0000000001 (AA-001) 0.5 MMBtu/hr Field Gas Heater Treater:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	Particulate Matter: Particulate matter emissions from the heater treater burner stack shall not exceed 0.6 pounds per MMBtu/hour heat input. [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(1)]
L-3	Sulfur Dioxide	Sulfur Dioxide: The maximum discharge of sulfur dioxide shall not exceed 4.8 pounds (measured as sulfur dioxide) per million BTU heat input. [11 Miss. Admin. Code Pt. 2, R. 1.4.A(1)]
L-4		The permittee shall only operate with the emissions routed to and controlled by the flare. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

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)]

Permit To Construct Air Emissions Equipment

Gulf Pine Energy LP, MB 9-16H Number 1 Facility

Facility Requirements

Permit Number: 1680-00079

Activity ID No.:PER20150001

Page 10 of 17

CONT0000000001 (AA-002) Flare/Combustor to control emission from Heater Treater and the Three Phase Separator:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Hydrogen sulfide	Hydrogen sulfide: The permittee shall not permit the emission of any gas stream which contains hydrogen sulfide in excess of one grain per 100 standard cubic feet. Gas streams containing hydrogen sulfide in excess of one grain per 100 standard cubic feet shall be incinerated at temperatures of not less than 1600 degrees F for a period of not less than 0.5 seconds, or processed in such manner which is equivalent to or more effective for the removal of hydrogen sulfide. [11 Miss. Admin. Code Pt. 2, R. 1.4.B(2)]
L-2	Opacity	Opacity: The permittee shall operate the flare with no visible emissions as determined by EPA Reference Method 22, except for periods not to exceed a total of five (5) minutes during any consecutive two (2) hours. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]
L-3		The permittee shall maintain a flare pilot flame, auto ignitor, or any other equivalent device at all times when emissions are routed to the flare. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]
L-4		The net heating value of the gas being combusted shall be 300 Btu/scf or greater if the flare is steam assisted or air assisted, or net heating value of the gas being combusted shall be 200 Btu/scf if the flare is non-assisted. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall monitor the presence of the flare pilot flame by one of the following methods: using a thermo-couple or any other equivalent device to detect the presence of a flame; or visually observe the presence of the flare flame daily. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]
M-2		The permittee shall visual observe the flare flame for a minimum of five (5) minutes during operations weekly. If smoke is observed, corrective action must be taken. The permittee shall perform a follow-up visual observation for a period of two (2) hours using EPA Method 22 immediately after corrections are made to demonstrate compliance with the visible emission limitations. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

Permit To Construct Air Emissions Equipment

Gulf Pine Energy LP, MB 9-16H Number 1 Facility

Facility Requirements

Permit Number: 1680-00079

Activity ID No.:PER20150001

Page 11 of 17

CONT0000000001 (AA-002) Flare/Combustor to control emission from Heater Treater and the Three Phase Separator:

Monitoring Requirements:

Condition No.	Parameter	Condition
M-3		The net heating value of the gas being combusted may be determined by the annual field gas analysis. Analysis must demonstrate that the heat content of the flare gas is 300 Btu/scf or greater if the flare is steam-assisted; or the net heating value of the gas being combusted is 200 Btu/scf or greater if the flare is non-assisted. [11 Miss. Admin. Code Pt. 2, R. 2.2.B (11)]
M-4		The permittee shall measure the volume of gas combusted in the flare. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall keep records of all maintenance performed on the flare in order to operate the flare in a manner consistent with good air pollution practices to minimize emissions and make said records available on request. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]
R-2	The permittee shall record on a log sheet anytime the facility is operating without a flame present and the corrective action taken. [11 Miss. Admin. Code Pt. 2, R. 2.2.B (11)]
R-3	Flare emissions shall be calculated monthly and determined for each 12-month rolling total as tons/year. The permittee shall maintain a copy of this record on site for at least five years and shall make them available upon request by the Mississippi Department of Environmental Quality (MDEQ) personnel. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]
R-4	The permittee shall maintain a record and/or log documenting all visual observations/test, the nature and cause of any visible emissions, any corrective action(s) taken to prevent or minimize the emissions, the date and time when visible observations were conducted and the date and time when corrective action was taken. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

Permit To Construct Air Emissions Equipment

Gulf Pine Energy LP, MB 9-16H Number 1 Facility

Facility Requirements

Permit Number: 1680-00079

Activity ID No.:PER20150001

Page 12 of 17

EQPT0000000007 (AA-003) 80 HP Field Gas Pump Well Jack:

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(1)]
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 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]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee must demonstrate compliance by purchasing a certified engine to the emission standards specified in 40 CFR 60.4233 Table 4. The permittee shall keep records of maintenance performed on the engine and must keep a maintenance plan. The permittee shall operate and maintain the stationary engine according to the manufacturer's emission-related written instructions. [40 CFR 60.4233(d), 40 CFR 60.4243(b)]

Permit To Construct Air Emissions Equipment

Gulf Pine Energy LP, MB 9-16H Number 1 Facility

Facility Requirements

Permit Number: 1680-00079

Activity ID No.:PER20150001

Page 13 of 17

EQPT0000000007 (AA-003) 80 HP Field Gas Pump Well Jack:

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall provide documentation from the manufacturer that the engine is certified to meet the emission standards in 40 CFR 60.4233. The permittee shall comply with the applicable notifications, reporting, and recordkeeping requirements in 40 CFR 60.4245. [40 CFR 60.4245(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)]

Permit To Construct Air Emissions Equipment

Gulf Pine Energy LP, MB 9-16H Number 1 Facility

Facility Requirements

Permit Number: 1680-00079

Activity ID No.:PER20150001

Page 14 of 17

AREA0000000001 (AA-004) Fugitive Equipment Leaks:

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)]

Permit To Construct Air Emissions Equipment

Gulf Pine Energy LP, MB 9-16H Number 1 Facility

Facility Requirements

Permit Number: 1680-00079

Activity ID No.:PER20150001

Page 15 of 17

EQPT0000000002 (AA-005) Three Phase Separator:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		Any produced gas from the separator that is not used for facility fuel shall be routed to and controlled by the flare. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

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)]

Permit To Construct Air Emissions Equipment

Gulf Pine Energy LP, MB 9-16H Number 1 Facility

Facility Requirements

Permit Number: 1680-00079

Activity ID No.:PER20150001

Page 16 of 17

EQPT0000000003 (AA-006) Truck Loading:

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)]

Permit To Construct Air Emissions Equipment

Gulf Pine Energy LP, MB 9-16H Number 1 Facility

Facility Requirements

Permit Number: 1680-00079

Activity ID No.:PER20150001

Page 17 of 17

GRPT0000000001 (AT-001) Crude Oil and Produce Water 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

Gulf Pine Energy LP, MB 9-16H Number 1 Facility
off Dickerson Road
Steens, MS
Lowndes County

Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
69067	Gulf Pine Energy, L.P.	Official Site Name	12/16/2015	
2808700079	Gulf Pine Energy LP, MB 9-16H Number 1 Facility	Air-AIRS AFS	12/28/2015	
168000079	Gulf Pine Energy LP, MB 9-16H Number 1 Facility	Air-Synthetic Minor Operating	02/22/2017	01/31/2022
168000079	Gulf Pine Energy LP, MB 9-16H Number 1 Facility	Air-Construction	02/22/2017	

Basin: Tombigbee River Basin