Midway Field Unit – CO₂ Flood Overview
Presentation to AOGC, March 31st 2015
Midway Field Review Objectives

• Introduce C12 Energy, LLC to the AOGC

• Review the Midway Field Characteristics, Development History and the Evaluation Work Completed To-Date
  – Petrophysics and the Static Model
  – Reservoir Engineering and Field History

• Overview the Planned CO₂ EOR Project
C12 Energy is headquartered in Denver, Co that started as a CO2 sequestration company in 2009.

C12 is now an oil company that focus on rehabilitating mature oil fields through gas injection.

Carbon dioxide (CO2) is the most important injectant we work with because of its physical potency and its abundance.

CO2 emissions are being regulated ever more tightly which is driving the need for commercial management.

Our EOR projects result in the long-term storage of industrial CO2 as well as meaningful oil production.

These projects often require capital and technical sophistication to execute.

C12 currently has 50 employees and operates 3 oil fields in North Dakota, Kansas & Arkansas.
C12 Energy purchased the Midway Field Unit from Extex on July 1st, 2014 with the intention of installing a miscible CO₂ injection project in the field. In December 2014, we signed an Option and Sales agreement with a local fertilizer plant to supply approximately 500,000 tons of CO₂ per year.

To implement the CO₂ flood, five major work segments need to happen:

- Design and construction of a Capture Facility at the fertilizer plant site.
- Design and construction of a 55-mile, 8” diameter pipeline to transport CO₂ at pressure from the source to the Midway Field.
- Rehabilitation of existing wells and constructing new wells to install a CO₂ pattern flood.
- Design and construction of a new Central Processing Facility at the field to centralize all production processing and house recycle compression.
- Install required manifolds and flow lines to distribute injection fluids and gather produced fluids.
Midway Field History

- 1942/1943 - Discovery and initial 40-acre development (33 prod, 10 peripheral dry holes) with natural depletion;
- 1944-1977 – peripheral waterflood of 40-acre spacing vertical wells with a limited pilot natural gas injection program;
- 1977-1984 – 20-acre infill drilling program and continued peripheral waterflood;
- 1990-1995 – 6 horizontal wells drilled;
- 1995-1997 – 7 horizontals drilled;
- 1997-1998 – 30 sidetracke dhorizontal wells drilled;
- 1998-Present – maintenance peripheral injection waterflood with 1 horizontal drilled in 2011;

Top Smackover Structure
Project Components
Midway Field CO$_2$ Project

Midway Field Unit

8” CO$_2$ Pipeline

EDCC CO$_2$ Source
Midway Field is the most northern Smackover field
Produces from SMACKOVER Reynolds Oolite Limestone and underlying Bond Limestone
Contained above by Buckner Anhydrite and below by dense Smackover Limestone
Midway Field Key Features

- Location: Lafayette County
- Anticlinal Structure; 0.75 mi wide - 5 miles long; 2,200 acres
- History: Discovered 1942; initial 40-acre peripheral bottom-water drive; 1980's 20-acre infill program, mid-1990's 38-well horizontal program
- Cumulative Production: 84 MMSTB
- Original Oil in Place: 168 MMSTB
- CO₂ Enhanced Oil Recovery Target: Ranges from 25-36 MMSTB
- Produces from Upper Smackover Reynolds Oolite Limestone and underlying Bond Limestone above Oil-Water-Contact = -6225 feet below sea level
- Reynolds Limestone - Thickness: 80-100 feet; Porosity: 23%±10%; Permeability: 0.1-100, average 7 mD; Initial water Saturation: 0.07-0.20
- Bond Limestone - Thickness: 0-100 feet; Porosity: 14%±10%; Permeability: 0.1-1000, average 90 mD; Initial Water Saturation: 0.07-0.45
- Data: 141 wells with logs, 86 porosity logs, 38 cores (2400 analyses)
Significant Data Set Available for Detailed Model

141 wells with logs (55 e-logs)

86 wells with porosity logs

38 wells with core analysis data

Midway is Reasonably Data Rich

- Fluid Properties
- Significant amount of well-distributed log and core data
  - Routine
  - Limited SCAL data
- Long Well Performance Histories Available
- Saturation Logging with Infill Well Program
Reservoir Characterization and Geomodeling Workflow

3D Static-Dynamic Geomodel
26 million grid cells

Geology & Geophysics
- Structure
- Fractures/Faults
- Compartments
- Surfaces
- Facies/Geostatistics
- Gridding

Reservoir Engineering
- Fluid Properties/EOS/MMP
- PDA/Production Analysis
- Well Performance
- History Modeling
- Gridding

Petrophysics
- Porosity
- Saturation/Pc
- Permeability
- Relative Permeability
- Mechanical Properties
Anticlinal structure
0.75 miles wide, 5 miles long
2,200 acres

Three highs separated by saddles
Discovery OWC = -6225’ SS
Structure with Wells
Reynolds and Bond (where penetrated by well) are recognized in all logs and are interpreted to be present in the entire field.
Isopach of Reynolds Above OWC
Strike View through Midway Porosity Model

Porosity distribution in Logs and Model
High porosity Reynolds in top of structure
Reynolds = 23%±10%; Bond = 14%±10%
Reynolds Porosity-Feet Above OWC

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<td>matt.burnham</td>
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Strike View through Midway Permeability Model

VE = 5x
• Small uncertainty in Sw from range in Archie parameters for intervals at low Sw.
• High oil saturation present at top of Smackover for all new well locations
• Saturation profile varies with porosity/permeability profile (sharp-transitional)
• Better Bond zone Sw estimation using “standard” Archie parameters
• Archie limits in Sw shown –m=2.4, n=1.6; m=2.8, n=2.0
Present water saturations ($S_w$ - light blue) measured by RST pulsed neutron logging

- Present $S_w$ on crest wells (11-9, 8-14, 17-5) average $S_w = 35\%$ with $S_{oil} = 65\%$
- Higher $S_{oil}$ in middle and lower Reynolds (tan)
- $S_{oil}$ at top decreased by horizontal wells
- Wells on N flank (13-5, 9-1) at higher $S_w$
• OOIP Total [STB] = 168 MMB
• OOIP Reynolds [STB] = 147 MMB
• OOIP Bond [STB] = 21 MMB
Midway Field Production History
General Characteristics

Extraction/Mobilization
Viscosity Reduction
(\(\mu_{\text{CO}_2} \approx 0.02\text{cp}, \mu_m = 10-20\% \mu_o\))
Oil Swelling (=\(f(X_{\text{CO}_2}), 1.05-1.35 V_{\text{oil}}\))

- Recovery Efficiency: 10-20\% OOIP
- CO\(_2\) Oil Production: 20-40\% of Primary + Secondary
- Maximum EOR Recovery Rate: Present Rate + 10\% of Water Injection Rate
- \(~5\text{ Mcf/bbl Oil}\)

(after Bradley, 1998)
Carbon Dioxide Flooding

- CO₂/water injection
- production well
- to separator
- drive water
- CO₂
- water
- miscible zone
- additional oil recovery
- oil bank
Midway Field MMP Estimate

- P(init) = 2938 psi
- PBB = 2850 psi
- WF ~ 2700 psi
- MMP 2200 - 3000 psi
40-Acre 5-Spot Model
Base Case WAG
Phase 1 (Bond High) History Match

Ternary 2037-01-02

Min Values:
Sw = 0.000
So = 0.000
Sg = 0.000
Midway EOR Model
40-Acre 5-Spot Pattern Incremental Oil Rate Forecast

**Line Descriptions:**
- **Green Line:** 20% CO2 Slug Followed by WAG ("Optimization")
- **Red Line:** Base Case WAG (Economic Model)
- **Orange Line:** Straight CO2 (Chased w/ Water)
- **Blue Line:** Continued Waterflood

**Key Points:**
- **20% CO2 Slug:**
- **WAG:** Water alternating gas
- **Optimization:**
- **Base Case:**
- **Economic Model:** Economic analysis model
- **Straight CO2:** CO2 flooding without water
- **Chased w/ Water:** CO2 flooding followed by water injection
- **Continued Waterflood:** Continuous waterflood

**Graph Details:**
- **Y-Axis:** Oil Recovery Factor (SCTR)
- **X-Axis:** Time (Date)
- **Years:** 2020 to 2035

**Legend:**
- 1st Yr WF: 1st Year Waterflood
Data Acquisition Program

- Oil Saturation Logging
- PVT and Phase Behavior Studies
- Injectivity Testing
- Existing 2D Seismic Data Review
- Interference Test
• To implement the CO₂ flood, five major work segments need to happen:
  
  – Design and construction of a Capture Facility at the fertilizer plant site.
  
  – Design and construction of a 55-mile, 8” diameter pipeline to transport CO₂ at pressure from the source to the Midway Field.
  
  – Rehabilitation of existing wells and constructing new wells to install a CO₂ pattern flood.
  
  – Design and construction of a new Central Processing Facility at the field to centralize all production processing and house recycle compression.
  
  – Install required manifolds and flow lines to distribute injection fluids and gather produced fluids.
### High-Level Facility Project Planning Schedule

#### 2015-2017

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<td><strong>Capture Facility</strong></td>
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<td>C&amp;S/U</td>
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<td><strong>CO2 Injection Begins</strong></td>
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*Colors represent different project phases across years.*
Notional Pipeline Route
EDCC Source to Midway Field

Midway Field Unit

8” CO₂ Pipeline

EDCC CO₂ Source
Proposed Location of CPF
Preliminary Pattern Configuration
Midway Field CO₂ EOR
• Estimate incremental recoveries of OOIP range from 15% to 22%
• Gross 3P reserves range from 25 to 36 million barrels
Estimated Capital Expenditures by Year

*Midway Field CO₂ EOR*

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<td><strong>Total Capital</strong></td>
<td><strong>$ 189.3</strong></td>
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- Estimate gross capital of $189 million to complete this project
- Capital will be spent over 5 years with approximately 80% of the capital spend in the first 2 years
Project Capital Costs
Capital by Phase

Phase 1
Total Capital $64 Million

Phase 2
Total Capital $125 Million
OPERATING AGREEMENT

DATED

, 2015

OPERATOR  C12: Arkansas Oil, LLC

CONTRACT AREA


COUNTY OR PARISH OF Lafayette, STATE OF Arkansas
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ARTICLE I.

DEFINITIONS

As used in this agreement, the following words and terms shall have the meanings hereinafter ascribed to them:

A. The term "AFE" shall mean an Authority for Expenditure prepared by a party to this agreement for the purpose of estimating the costs to be incurred in conducting an operation hereunder.

B. The term "Completion" or "Complete" shall mean a single operation intended to complete a well as a producer of Oil and Gas in one or more Zones, including, but not limited to, the setting of production casing, perforating, well stimulation and production testing conducted in such operation.

C. The term "Contract Area" shall mean all of the lands, Oil and Gas Leases and/or Oil and Gas Interests intended to be developed and operated for Oil and Gas purposes under this agreement. Such lands, Oil and Gas Leases and Oil and Gas Interests are described in Exhibit "A." For purposes of this agreement, the term "Drilling Unit", "Contract Area" and "Unit Area" shall refer to the same lands.

D. The term "Deepen" shall mean a single operation whereby a well is drilled to an objective Zone below the deepest Zone in which the well was previously drilled, or below the Deepest Zone proposed in the associated AFE, whichever is the lesser.

E. The terms "Drilling Party" and "Consenting Party" shall mean a party who agrees to join in and pay its share of the cost of all operations conducted under the provisions of this agreement.

F. The term "Drilling Unit" shall mean the Midway Field Smackover Lime Unit. For purposes of this agreement, the term "Drilling Unit", "Contract Area" and "Unit Area" shall refer to the same lands.

G. The term "Drillsite" shall mean the Oil and Gas Lease or Oil and Gas Interest on which a proposed well is to be located.

H. The term "Initial Well" shall mean the well required to be drilled by the parties hereto as provided in Article VI.A.

I. The term "Non-Consent Well" shall mean a well in which less than all parties have conducted an operation as provided in Article VI.B.2.

J. The terms "Non-Drilling Party" and "Non-Consenting Party" shall mean a party who elects not to participate in a proposed operation.

K. The term "Oil and Gas" shall mean Oil, Gas, casinghead gas, gas condensate, and/or all other liquid or gaseous hydrocarbons and other marketable substances produced therewith, unless an intent to limit the inclusiveness of this term is specifically stated.

L. The term "Oil and Gas Interests" or "Interests" shall mean unleased fee and mineral interests in Oil and Gas in tracts of land lying within the Contract Area which are owned by parties to this agreement.

M. The term "Oil and Gas Lease," "Lease" and "Leasehold" shall mean the oil and gas leases or interests therein covering tracts of land lying within the Contract Area which are owned by the parties to this agreement.

N. The term "Plug Back" shall mean a single operation whereby a deeper Zone is abandoned in order to attempt a completion in a lower zone.

O. The term "Recompletion" or "Recomplete" shall mean an operation whereby a Completion in one Zone is abandoned in order to attempt a Completion in a different Zone within the existing wellbore.

P. The term "Rework" shall mean an operation conducted in the wellbore of a well after it is Completed to secure, restore, or improve production in a Zone which is currently open to production in the wellbore. Such operations include, but are not limited to, well stimulation operations but exclude any routine repair or maintenance work or drilling, Sidetracking, Deepening, Completing, Recompleting, or Plugging Back of a well.

Q. The term "Sidetrack" shall mean the directional control and intentional deviation of a well from vertical so as to change the bottom hole location unless done to straighten the hole or drill around junk in the hole to overcome other mechanical difficulties.

R. The term "Zone" shall mean a stratum of earth containing or thought to contain a common accumulation of Oil and Gas separately producible from any other common accumulation of Oil and Gas.

* This Agreement shall include the additional defined terms set forth in Article XVI.A. hereof.

Unless the context otherwise clearly indicates, words used in the singular include the plural, the word "person" includes natural and artificial persons, the plural includes the singular, and any gender includes the masculine, feminine, and neuter.

ARTICLE II.

EXHIBITS

The following exhibits, as indicated below and attached hereto, are incorporated in and made a part hereof:

A. Exhibit "A," shall include the following information:

(1) Description of lands subject to this agreement,

(2) Restrictions, if any, as to depths, formations, or substances,

(3) Parties to agreement with addresses and telephone numbers for notice purposes,

(4) Percentages or fractional interests of parties to this agreement,

(5) Oil and Gas Leases and/or Oil and Gas Interests subject to this agreement,

(6) Burdens on production.

B. Exhibit "B," Form of Lease.

C. Exhibit "C," Accounting Procedure.

D. Exhibit "D," Insurance.

E. Exhibit "E," Gas Balancing Agreement.

A. Oil and Gas Interest:

If any party owns an Oil and Gas Interest in the Contract Area, that Interest shall be treated for all purposes of this agreement and during the term hereof as if it were covered by the form of Oil and Gas Lease attached hereto as Exhibit "B." and are subject to the terms of the Unitization Order No. 1-1956, as amended. The owner thereof shall be deemed to own both royalties and leases in such lease and the interest of the lessor thereunder.

ARTICLE III.

INTERESTS OF PARTIES

A. Oil and Gas Interest:

If any party owns an Oil and Gas Interest in the Contract Area, that Interest shall be treated for all purposes of this agreement and during the term hereof as if it were covered by the form of Oil and Gas Lease attached hereto as Exhibit "B." and are subject to the terms of the Unitization Order No. 1-1956, as amended. The owner thereof shall be deemed to own both royalties and leases in such lease and the interest of the lessor thereunder.

B. Interests of Parties in Costs and Production:

Unless changed by other provisions, all costs and liabilities incurred in operations under this agreement shall be borne and paid, and all equipment and materials acquired in operations on the Contract Area shall be owned, by the parties as their interests are set forth in Exhibit "A." In the same manner, the parties shall also own all production of Oil and Gas from the Contract Area subject, however, to the payment of royalties and other burdens on production as described hereafter.

Regardless of which party has contributed any Oil and Gas Lease or Oil and Gas Interest on which royalty or other burdens may be payable and except as otherwise expressly provided in this agreement, each party shall pay or deliver, or cause to be paid or delivered, all burdens on its share of the production from the Contract Area subject to the terms of the Oil and Gas Lease(s).

Except as otherwise expressly provided in this agreement, if any party has contributed hereto any Lease or Interest which is burdened with any royalty, overriding royalty, production payment or other burden on production in excess of the amounts stipulated above, such party so burdened shall assume and alone bear all such excess obligations and shall indemnify, defend and hold the other parties harmless from any and all claims attributable to such excess burden. However, so long as the Drilling Unit for the productive Zone(s) is identical with the Contract Area, each party shall pay or deliver, or cause to be paid or delivered, all burdens on production from the Contract Area due under the terms of the Oil and Gas Lease(s) which such party has contributed to this agreement, and shall indemnify, defend and hold the other parties free from any liability therefor.

No party shall ever be responsible, on a price basis higher than the price received by such party, to any other party's lessor or royalty owner, and if such other party's lessor or royalty owner should demand and receive settlement on a higher price basis, the party contributing the affected Lease shall bear the additional royalty burden attributable to such higher price.

Nothing contained in this Article III.B. shall be deemed an assignment or cross-assignment of interests covered hereby, and in the event two or more parties contribute to this agreement jointly owned Leases, the parties' undivided interests in said Leaseholds shall be deemed separate leasehold interests for the purposes of this agreement.

C. Subsequently Created Interests:

If any party has contributed hereto a Lease or Interest that is burdened with an assignment of production given as security for the payment of money, or if, after the date of this agreement, any party creates an overriding royalty, production payment, net profits interest, assignment of production or other burden payable out of production attributable to its working interest hereunder, such burden shall be deemed a "Subsequently Created Interest." Further, if any party has contributed hereto a Lease or Interest burdened with an overriding royalty, production payment, net profits interest, assignment of production or other burden payable out of production attributable to its working interest hereunder, all provisions of Article VII.B. shall be enforceable against the Subsequently Created Interest in the same manner as they are enforceable against the working interest of the Burdened Party. If the Burdened Party is required under this agreement to assign or relinquish to any other party, or parties, all or a portion of its working interest and/or the production attributable thereto, said other party, or parties, shall receive said assignment and/or production free and clear of said Subsequently Created Interest, and the Burdened Party shall indemnify, defend and hold harmless said other party, or parties, from any and all claims and demands for payment asserted by owners of the Subsequently Created Interest.

ARTICLE IV.

TITLES

A. Title Examination:

Title examination shall be made on the Drillsite of any proposed Drilling Unit prior to commencement of drilling operations and, if a majority in interest of the Drilling Parties so request or Operator so elects, title examination shall be made on the entire Drilling Unit or maximum anticipated Drilling Unit, of the well. The opinion or title report will include the ownership of the working interest, minerals, royalty, overriding royalty and production payments under the applicable Leases. Each party contributing Leases and/or Oil and Gas Interests to be included in the Drillsite or Drilling Unit, if appropriate, shall furnish to Operator all abstracts (including federal lease status reports), title opinions or reports, title papers and curative material in its possession free of charge. All such information not in the possession of or made available to Operator by the parties, but necessary for the examination of the title, shall be obtained by Operator. Operator shall cause title to the leases and oil and gas interests included within a Drilling Unit to be examined by attorneys or landmen on its staff or by outside attorneys or landmen, provided, however, with respect to any subsequent operations conducted on the Drilling Unit pursuant to Article VI. B. hereof, Operator may have the original title opinion or report for the initial well updated by an attorney or landman. Copies of all title opinions or reports shall be furnished to each Drilling Party. Costs incurred by Operator in procuring abstracts, fees paid outside attorneys for title examination (including preliminary, supplemental, shut-in royalty opinions and division order title opinions) and other direct charges as provided in Exhibit "C" shall be borne by the Drilling Parties in the proportion that the interest of each party bears to the total interest of all Drilling Parties as such interests appear in Exhibit "A." Operator shall make no charge for services rendered by its staff attorneys or other personnel in the performance of the above functions. Each party shall be responsible for securing curative matter and pooling amendments or agreements required in connection with Leases or Oil and Gas Interests contributed by such party. Operator shall be responsible for the preparation
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and recording of pooling designations or declarations and communication agreements as well as the conduct of hearings
before governmental agencies for the securing of spacing or pooling Unitization Orders or any other orders necessary or appropriate to
the conduct of operations hereunder. This shall not prevent any party from appearing on its own behalf at such hearings. Operator shall
provide Non-Operators with written notice of any such hearing relating to the Contract Area (the “Hearing Notice”) no later than ten
(10) days prior to the date of such hearing. Any Non-Operator that intends to oppose Operator at such hearing, shall provide written
notice thereof to all the other parties hereto and, thereafter, such Non-Operator shall not be responsible for any charges that are made
to the joint account in connection with such hearing. In such event, those Non-Operators that did not deliver such written notice to
Operator shall proportionately bear the cost attributable to the opposing Non-Operator’s interest.

B. Loss or Failure of Title:
1. Failure of Title: Should any Oil and Gas Interest or Oil and Gas Lease be lost through failure of title, which results in a
reduction of interest from that shown on Exhibit “A,” the party credited with contributing the affected Lease or Interest
(including, if applicable, a successor in interest to such party) shall have ninety (90) days from final determination of title
failure to acquire a new lease or other instrument curing the entirety of the title failure, which acquisition will not be subject
to Article VIII.B. and failure to do so, this agreement, nevertheless, shall continue in force as to all remaining Oil and Gas
Leases and Interests; and,
(a) The party credited with contributing the Oil and Gas Lease or Interest affected by the title failure (including, if
applicable, a successor in interest to such party) shall bear alone the entire loss and it shall not be entitled to recover from
Operator or the other parties any development or operating costs which it may have previously paid or incurred, but there
shall be no additional liability on its part to the other parties hereto by reason of such title failure;
(b) There shall be no retroactive adjustment of expenses incurred or revenues received from the operation of the
Lease or Interest which has failed, but the interests of the parties contained on Exhibit "A" shall be revised on an acreage
original oil in place ("OOIP") and remaining oil in Place ("ROIP") basis, as of the time it is determined finally that title failure has
occurred, so that the interest of the party whose Lease or Interest is affected by the title failure will thereafter be reduced in the Contract
Area by the amount of the Lease or Interest failed;
(c) If the proportionate interest of the other parties hereto in any producing well previously drilled on the Contract
Area is increased by reason of the title failure, the party who bore the costs incurred in connection with such well attributable
to the Lease or Interest which has failed shall receive the proceeds attributable to the increase in such interest (less costs and
burdens attributable thereto) until it has been reimbursed for unrecovered costs paid by it in connection with such well
attributable to such failed Lease or Interest;
(d) Should any party be a party to this agreement, who is determined to be the owner of any Lease or Interest
which has failed, pay in any manner any part of the cost of operation, development, or equipment, such amount shall be paid
to the party or parties who bore the costs which are so refunded;
(e) Any liability to account to a person not a party to this agreement for prior production of Oil and Gas which arises
by reason of title failure shall be borne severally by each party (including a predecessor to a current party) who received
production for which such accounting is required based on the amount of such production received, and each such party shall
severely indemnify, defend and hold harmless all other parties hereto for any such liability to account;
(f) No charge shall be made to the joint account for legal expenses, fees or salaries in connection with the defense of the
Lease or Interest claimed to have failed, but if the party contributing such Lease or Interest hereto elected to defend its title
it shall bear all expenses in connection therewith; and
(g) If any party is given credit on Exhibit "A" to a Lease or Interest which is limited solely to ownership of an
interest in the wells of any well or wells and the production therefrom, such party's absence of interest in the remainder
of the Contract Area shall be considered a Failure of Title as to such remaining Contract Area unless that absence of interest
is reflected on Exhibit "A."

2. Loss by Non-Payment or Erroneous Payment of Amount Due: If, through mistake or oversight, any rental, shut-in well
payment, minimum royalty or royalty payment, or other payment necessary to maintain all or a portion of an Oil and Gas
Lease or interest is not paid or is erroneously paid, and as a result a Lease or Interest terminates, there shall be no monetary
liability against the party who failed to make such payment. Unless the party who failed to make the required payment secures a
new Lease or Interest covering the same interest within ninety (90) days from the discovery of the failure to make proper payment,
which acquisition will not be subject to Article VIII.B., the interests of the parties reflected on Exhibit "A" shall be revised on an
acreage OOIP & ROIP basis, effective as of the date of termination of the Lease or Interest involved, and the party who failed to
make proper payment will no longer be credited with an interest in the Contract Area on account of ownership of the Lease or
Interest which has terminated. If the party who failed to make the required payment shall not have been fully reimbursed, at the
time of the loss, from the proceeds of the sale of Oil and Gas attributable to the lost Lease or Interest, calculated on an
acreage OOIP & ROIP basis, for the development and operating costs previously paid on account of such Lease or Interest, it shall be
reimbursed for unrecovered actual costs previously paid by it (but not for its share of the cost of any dry hole previously drilled or
wells previously abandoned) from so much of the following as is necessary to effect reimbursement:
(a) Proceeds of Oil and Gas produced prior to termination of the Lease or Interest, less operating expenses and lease
burdens chargeable hereunder to the person who failed to make payment, previously accrued to the credit of the lost Lease or
Interest, on an acreage OOIP & ROIP basis, up to the amount of unrecovered costs;
(b) Proceeds of Oil and Gas, less operating expenses and lease burdens chargeable hereunder to the person who failed
to make payment, up to the amount of unrecovered costs attributable to that portion of Oil and Gas thereafter produced and
marketed (excluding production from any wells thereafter drilled) which, in the absence of such Lease or Interest termination,
would be attributable to the lost Lease or Interest on an acreage OOIP & ROIP basis and which as a result of such Lease or
Interest termination is credited to other parties, the proceeds of said portion of the Oil and Gas to be contributed by the other parties
in proportion to their respective interests reflected on Exhibit "A." and,
(c) Any monies, up to the amount of unrecovered costs that may be paid by any party who is, or becomes the owner of
A. Designation and Responsibilities of Operator:

1. **Operator** shall be the Operator of the Contract Area, and shall conduct and direct and have full control of all operations on the Contract Area as permitted and required by, and within the limits of this Agreement. In its performance of services hereunder for the Non-Operators, Operator shall be an independent contractor not subject to the control or direction of the Non-Operators except as to the type of operation to be undertaken in accordance with the election procedures contained in this Agreement. Operator shall not be deemed, or hold itself out as, the agent of the Non-Operators with authority to bind them to any obligations or liability assumed or incurred by Operator as to any third party. Operator shall conduct its activities under this Agreement as a reasonable prudent operator, in a good and workmanlike manner, with due diligence and dispatch, in accordance with good oilfield practice, and in compliance with applicable law and regulation, but in no event shall it have any liability as Operator to the other parties for losses sustained or incurred except such as may result from gross negligence or willful misconduct.

2. Resignation or Removal of Operator and Selection of Successor:

   a. **Resignation** of Operator: Operator may resign at any time by giving written notice thereof to Non-Operators. If Operator terminates its legal existence, no longer owns an interest hereunder in the Contract Area, or is no longer capable of serving as Operator, Operator shall be deemed to have resigned without any action by Non-Operators, except the selection of a successor.

   b. **Removal** of Operator: Operator may be removed only for good cause by the affirmative vote of Non-Operators owning a majority interest based on ownership as shown on Exhibit "A" remaining after excluding the voting interest of Operator, such vote shall not be deemed effective until a written notice has been delivered to the Operator by a Non-Operator detailing the alleged default and Operator has failed to cure the default within thirty (30) days from its receipt of the notice or, if the default concerns an operation then being conducted, within forty-eight (48) hours of its receipt of the notice. For purposes hereof, "good cause" shall mean not only gross negligence or willful misconduct but also the material breach of or inability to meet the standards of operation contained in Article V.A. or material failure or inability to perform its obligations under this agreement.

   c. **Selection** of Successor Operator: Upon the resignation or removal of Operator under any provision of this agreement, a successor Operator shall be selected by the parties. The successor Operator shall be selected from the parties owning an interest in the Contract Area at the time such successor Operator is selected. The successor Operator shall be selected by the affirmative vote of two (2) or more parties owning a majority interest based on ownership as shown on Exhibit "A"; provided, however, if an Operator which has been removed or is deemed to have resigned fails to vote or votes only to succeed itself, the successor Operator shall be selected by the affirmative vote of the party or parties owning a majority interest based on ownership as shown on Exhibit "A" remaining after excluding the voting interest of the Operator that was removed or resigned. The former Operator shall promptly deliver to the successor Operator all records and data relating to the operations conducted by the former Operator to the extent such records and data are not already in the possession of the successor Operator. Any cost of obtaining or copying the former Operator's records and data shall be charged to the joint account.

3. Effect of Bankruptcy: If Operator becomes insolvent, bankrupt or is placed in receivership, it shall be deemed to have resigned without any action by Non-Operators, except the selection of a successor. If a petition for relief under the federal bankruptcy laws is filed by or against Operator, and the removal of Operator is prevented by the federal bankruptcy court, all Non-Operators and Operator shall comprise an interim operating committee to serve until Operator has elected to reject or assume this agreement pursuant to the Bankruptcy Code, and an election to reject this agreement by Operator as a debtor in possession, or by a trustee in bankruptcy, shall be deemed a resignation as Operator without any action by Non-Operators, except the election of a successor. During the period of time the operating committee controls operations, all actions shall require the approval of two (2) or more parties owning a majority interest based on ownership as shown on Exhibit "A". In the event there are only two (2) parties to this agreement, during the period of time the operating committee controls operations, a third party acceptable to Operator, Non-Operator and the federal bankruptcy court shall be selected as a member of the operating committee, and all actions shall require the approval of two (2) members of the operating committee without regard for their interest in the Contract Area based on Exhibit "A".

4. Employees and Contractors:

   a. The number of employees or contractors used by Operator in conducting operations hereunder, their selection, and the hours of labor and the compensation for services performed shall be determined by Operator, and all such employees or contractors shall be the employees or contractors of Operator.

   b. Rights and Duties of Operator:

      1. Competitive Rates and Use of Affiliates: All wells drilled on the Contract Area shall be drilled on a competitive contract basis at the usual rates prevailing in the area. If it so desires, Operator may employ its own tools and equipment in the drilling of wells, but its charges therefor shall not exceed the prevailing rates in the area and the rate of such charges shall be agreed upon by the parties in writing before drilling operations are commenced, and such work shall be performed by Operator under the same terms and conditions as are customary and usual in the area in contracts of independent contractors who are doing work of a similar nature. All work performed or materials supplied by affiliates or related parties of Operator
shall be performed or supplied at competitive rates, pursuant to written agreement, and in accordance with customs and
standards prevailing in the industry.

2. Discharge of Joint Account Obligations. Except as herein otherwise specifically provided, Operator shall promptly pay
and discharge expenses incurred in the development and operation of the Contract Area pursuant to this agreement and shall
charge each of the parties hereto with their respective proportionate shares upon the expense basis provided in Exhibit "C."
Operator shall keep an accurate record of the joint account hereunder, showing expenses incurred and charges and credits
made and received.

3. Protection from Liens. Operator shall pay, or cause to be paid, as and when they become due and payable, all accounts
of contractors and suppliers and wages and services for rendered performed, or for materials supplied on, to or in
respect of the Contract Area or any operations for the joint account thereof, and shall keep the Contract Area free from
liens and encumbrances resulting therefrom except for those resulting from a bona fide dispute as to services rendered or
materials supplied.

4. Custody of Funds. Operator shall hold for the account of the Non-Operators any funds of the Non-Operators advanced
or paid to the Operator, either for the conduct of operations hereunder or as a result of the sale of production from the
Contract Area, and such funds shall remain the funds of the Non-Operators on whose account they are advanced or paid until
used for their intended purpose or otherwise delivered to the Non-Operators or applied toward the payment of debts as
provided in Article VII.B. Nothing in this paragraph shall be construed to establish a fiduciary relationship between Operator
and Non-Operators for any purpose other than to account for Non-Operator funds as herein specifically provided. Nothing in
this paragraph shall require the maintenance by Operator of separate accounts for the funds of Non-Operators unless the
parties otherwise specifically agree.

5. Access to Contract Area and Records. Operator shall, except as otherwise provided herein, permit each Non-Operator
or its duly authorized representative, at the Non-Operator's sole risk and cost, full and free access at all reasonable times to
all operations of every kind and character being conducted for the joint account on the Contract Area and to the records of
operations conducted elsewhere or production therefrom, including Operator's books and records relating thereto. Such access
can only be exercised in a manner interfering with Operator's conduct of an operation hereunder and shall not obligate
Operator to furnish any geologic or geophysical data of an interpretive nature unless the cost of preparation of such
interpretive data was charged to the joint account. Operator will furnish to each Non-Operator upon request copies of any
and all reports and information obtained by Operator in connection with production and related items, including, without
limitation, meter and chart reports, production purchaser statements, run tickets and monthly gauge reports, but excluding
purchase contracts and pricing information to the extent not applicable to the production of the Non-Operator seeking the
information. Any audit of Operator's records relating to amounts expended and the appropriateness of such expenditures
shall be conducted in accordance with the audit protocol specified in Exhibit "C."

6. Filing and Furnishing Governmental Reports. Operator will file, and upon written request promptly furnish copies to
each requesting Non-Operator not in default of its payment obligations, all operational notices, reports or applications
required to be filed by local, State, Federal or Indian agencies or authorities having jurisdiction over operations hereunder.
Each Non-Operator shall provide to Operator on a timely basis all information necessary to Operator to make such filings.

7. Drilling and Testing Operations. The following provisions shall apply to each well drilled or Unit Facility installed hereunder,
including but not limited to the Initial Well:

(a) Operator will promptly advise Non-Operators of the date on which the well is spudded, or the date on which
drilling operations are commenced.

(b) Operator will send to Non-Operators such reports, test results and notices regarding the progress of operations on the well
as the Non-Operators shall reasonably request, including, but not limited to, daily drilling reports, completion reports, and well logs.

(c) Operator shall adequately test all Zones encountered which may reasonably be expected to be capable of producing
Oil and Gas in paying quantities as a result of examination of the electric log or any other logs or cores or tests conducted
hereunder.

incurred for the joint account at reasonable intervals during the conduct of any operation pursuant to this agreement.
Operator shall not be held liable for errors in such estimates so long as the estimates are made in good faith.

9. Insurance. At all times while operations are conducted hereunder, Operator shall comply with the workers
compensation laws of the state where the operations are being conducted; provided, however, that Operator may be a self-
insurer for liability under said compensation laws in which event the only charge that shall be made to the joint account shall
be as provided in Exhibit "C." Operator shall also carry or provide insurance for the benefit of the joint account of the parties
as outlined in Exhibit "D" attached hereto and made a part hereof. Operator shall require all contractors engaged in work on
or for the Contract Area to comply with the workers compensation law of the state where the operations are being conducted
and to maintain such other insurance as Operator may require. In the event automobile liability insurance is specified in said Exhibit "D," or
subsequently receives the approval of the parties, no direct charge shall be made by Operator for premiums paid for such
insurance for Operator's automotive equipment.

ARTICLE VI.

DRILLING AND DEVELOPMENT

A. Initial Well: Since this Unit Area is currently producing, there will be no Initial Well drilled.

B. Subsequent Operations:

1. Proposed Operations: If any party hereto should desire to drill any well on the Contract Area other than the Initial Well, or
if any party should desire to install any Unit Facilities, undertake a Horizontal Conversion, Rework, Sidelink, Deepen, Recomplete
or Plug Back a dry hole or a well no longer capable of producing in paying quantities in which such party has not otherwise relinquished
its interest in the proposed objective Zone under this agreement, the party desiring to install any Unit Facilities, undertake a Horizontal
Conversion, drill, Rework, Sidelink, Deepen, Recomplete or Plug Back such a well shall give written notice of the proposed
operation to the parties who have not otherwise relinquished their interest in such objective Zone under this agreement and to all other
parties in the case of a proposal for Sidelinking or Deepening, specifying the work to be performed, the location, proposed depth, objective
Zone and the estimated cost of the operation. The parties to whom such a notice is delivered shall have thirty (30) days after receipt of the
notice within which to notify the party proposing to do the work whether they elect to participate in the cost of the proposed operation. If

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a drilling rig is on location, notice of a proposal to install any Unit Facilities, undertake a Horizontal Conversion, Rework, Sidetrack,  
Recomplete, Plug Back or Deepen may be given by telephone and the response period shall be limited to forty-eight (48) hours, exclusive of  
Saturday, Sunday and legal holidays. Failure of a party to whom such notice is delivered to reply within the period above fixed shall  
constitute an election by that party not to participate in the cost of the proposed operation. Any proposal by a party to conduct an  
operation conflicting with the operation initially proposed shall be delivered to all parties within the time and in the manner provided in Article  
VIII.B.6.  
If all parties to whom such notice is delivered elect to participate in such a proposed operation, the parties shall be  
contractually committed to participate therein provided such operations are commenced within the time period hereinafter set forth, and  
operator shall, no later than ninety (90) days after expiration of the notice period of thirty (30) days (or as promptly as practicable after  
the expiration of the forty-eight (48) hour period when a drilling rig is on location, as the case may be), actually commence the  
proposed operation and thereafter complete it with due diligence at the risk and expense of the parties participating therein; provided,  
however, said commencement date may be extended upon written notice of same by Operator to the other parties, for a period of  
up to thirty (30) additional days if, in the sole opinion of Operator, such additional time is reasonably necessary to obtain permits  
from governmental authorities, surface rights (including rights-of-way) or appropriate drilling equipment, or to complete title  
examination or curative matter required for title approval or acceptance. If the actual operation has not been commenced within  
the time provided (including any extension thereof as specifically permitted herein or in the force majeure provisions of Article XI)  
and if any party hereto still desires to conduct said operation, written notice proposing same must be resubmitted to the other parties  
in accordance herewith as if no prior proposal had been made. Those parties that did not participate in the drilling of a well for  
which a proposal to Deepen or Sidetrack is made hereunder shall, if such parties desire to participate in the proposed Deepening or  
Sidetracking operation, reimburse the Drilling Parties in accordance with Article VIII.B.4. in the event of a Deepening operation and  
in accordance with Article VIII.B.5. in the event of a Sidetracking operation.  
In the event Operator elects to commence a proposed operation prior to the expiration of the applicable thirty (30) day notice  
period, and a party receiving the notice has not yet notified the proposing party of its election to participate or not to participate in the  
proposed operation, such receiving party shall continue to have 100% of its proportionate interest in the operation and the party  
providing the notice shall have no lesser obligation to give the party deemed to be carried by the party proposing the operation  
with respect to such participation.  
2. Operations by Less Than All Parties; The Non-Consenting Parties as defined in Article XVC.E of this agreement  
governs all Non-Consenting provisions of this document.  
(a) Determination of Participation. If any party to whom such notice is delivered as provided in Article VIII.B.1 or  
VIII.C.1. (Option No. 2) elects not to participate in the proposed operation, then, in order to be entitled to the benefits of this  
Article, the party or parties giving the notice and such other parties as shall elect to participate in the operation shall, no  
later than ninety (90) days after the expiration of the notice period of thirty (30) days (or as promptly as practicable after the  
expiration of the forty-eight (48) hour period when a drilling rig is on location, as the case may be) actually commence the  
proposed operation and complete it with due diligence. Operator shall perform all work for the account of the Consenting  
Parties; provided, however, if no drilling rig or other equipment is on location, and if Operator is a Non-Consenting Party,  
the Consenting Parties shall either: (i) request Operator to perform the work required by such proposed operation for the  
account of the Consenting Parties, or (ii) designate one of the Consenting Parties as Operator to perform such work.  
The rights and duties granted to and imposed upon the Operator under this agreement are granted to and imposed upon the party  
designated as Operator for an operation in which the original Operator is a Non-Consenting Party. Consenting Parties, when  
conducting operations on the Contract Area pursuant to this Article VIII.B.2, shall comply with all terms and conditions of this  
Agreement.  
If less than all parties approve any proposed operation, the proposing party, immediately after the expiration of the  
applicable notice period, shall advise all Parties of the total interest of the parties approving such operation and its  
recommendation as to whether the Consenting Parties shall proceed with the operation as proposed. Each Consenting Party,  
within forty-eight (48) hours (exclusive of Saturday, Sunday, and legal holidays) after delivery of such notice, shall advise the  
proposing party of its desire to (i) limit participation to such party's interest as shown on Exhibit "A" or (ii) carry only its  
proportionate part (determined by dividing such party's interest in the Contract Area by the interests of all Consenting Parties in  
the Contract Area) of Non-Consenting Parties' interests, or (iii) carry its proportionate part (determined as provided in (iii) of  
Non-Consenting Parties' interests together with all or a portion of its proportionate part of any Non-Consenting Parties'  
interests that any Consenting Party did not elect to take. Any interest of Non-Consenting Parties that is not carried by a  
Consenting Party shall be deemed to be carried by the party proposing the operation if such party does not withdraw its  
proposal. Failure to advise the proposing party within the time required shall be deemed an election under (i). In the event a  
drilling rig is on location, notice may be given by telephone, and the time permitted for such a response shall not exceed a  
total of forty-eight (48) hours (exclusive of Saturday, Sunday and legal holidays). The proposing party, at its election, may  
withdraw such proposal if there is less than 100% participation and shall notify all parties of such decision within ten (10)  
days, or within twenty-four (24) hours if a drilling rig is on location, following expiration of the applicable response period.  
If 100% subscription to the proposed operation is obtained, the proposing party shall promptly notify the Consenting Parties  
of their proportionate interests in the operation and the party serving as Operator shall commence such operation within the  
period provided in Article VIII.B.1., subject to the same extension right as provided therein.  
(b) Relinquishment of Interest for Non-Participation. The entire cost and risk of conducting such operations shall be  
borne by the Consenting Parties in the proportions they have elected to bear same under the terms of the preceding  
paragraph. Consenting Parties shall keep the leasehold estates involved in such operations free and clear of all liens and  
encumbrances of every kind created by or arising from the operations of the Consenting Parties. If such operations result  
in a dry hole, then subject to Articles VIII.B.6. and VIII.E.3., the Consenting Parties shall plug and abandon the well and restore  
the surface location at their sole cost, risk and expense; provided, however, that those Non-Consenting Parties that  
participated in the drilling, Deepening or Sidetracking of the well shall remain liable for, and shall pay, their proportionate  
shares of the cost of plugging and abandoning the well and restoring the surface location insofar only as those costs were not  
increased by the subsequent operations of the Consenting Parties. If any well drilled, Reworked, Sidetracked, Deepened,  
Recompleted or Plugged Back under the provisions of this Article results in a well capable of producing Oil and/or Gas in  
paying quantities, the Consenting Parties shall Complete and equip the well to produce at their sole cost and risk, and the  
well shall then be turned over to Operator (if the Operator did not conduct the operation) and shall be operated by it at the
expense and for the account of the Consenting Parties. Upon commencement of operations for the installation of any Unit Facilities, by Consenting Parties in accordance with the provisions of this Article, each Non-Consenting Party shall be deemed to have relinquished to Consenting Parties, and the Consenting Parties shall own and be entitled to receive, in proportion to their respective interests, all of such Non-Consenting Party's interest in the **well Unit Area** and share of production therefrom or, in the case of a Reworking, Sidetracking, Deepening, Recompleted or Plugging Back, or a Completion pursuant to Article V.I.C.1. Option No. 2, all of such Non-Consenting Party's interest in the production obtained from the operation in which the Non-Consenting Party did not elect to participate is each **well Unit Area**. Such relinquishment shall be effective until the proceeds of the sale of such share is sold (after deducting applicable state, federal, and local taxes, if any) or the proceeds therefrom or, in the case of production, severance, and excise taxes, if any, or the proceeds therefrom, and owing to the Necessity of production, severance, and excise taxes, if any, or the proceeds therefrom, or on completion of any Unit Facilities, undertaking a Horizontal Conversion or for all subsequent wells drilled on the drilling unit shall be as set forth in the amended Unitization Order for the unit. The non-consent penalty for any rework, recompleted, or plugging back operations during the recoupment period as described in Article VI.B.2.(C) below shall be identical to the non-consent penalty for subsequent wells as established in the amended Unitization Order. (ii) **10%** of (a) that portion of the costs and expenses of installation of any Unit Facilities, undertaking a Horizontal Conversion or for all subsequent wells drilled on the drilling unit shall be as set forth in the amended Unitization Order for the unit. The non-consent penalty for any rework, recompleted, or plugging back operations during the recoupment period as described in Article VI.B.2.(C) below shall be identical to the non-consent penalty for subsequent wells as established in the amended Unitization Order. Notwithstanding anything to the contrary in this Article VI.B., if the well does not reach the deepest objective Zone described in the notice proposing the well for reasons other than the encountering of a Zone or other condition in the well rendering further operations impracticable, Operator shall give notice thereof to each Non-Consenting Party who submitted or voted for an alternative proposal under Article VI.B.6. to drill the well to a shallower Zone than the deepest objective Zone proposed in the notice under which the well was drilled, and each such Non-Consenting Party shall have the option to participate in the completion of the well by paying its share of the cost of drilling the well to its actual depth, calculated in the manner provided in Article VI.B.4. (a). If any such Non-Consenting Party does not elect to participate in the first Completion proposed for such well, the relinquishment provisions of this Article VI.B.2. (b) shall apply to such party's interest. (c) Reworking, Recompleted or Plugging Back. An election not to participate in the drilling, Sidetracking or Deepening of a well shall be deemed an election not to participate in any Reworking or Plugging Back operation proposed in such a well, or portion thereof, to which the initial non-consent election applied that is conducted at any time prior to full recovery by the Consenting Parties of the Non-Consenting Party's recoupment amount. Similarly, an election not to participate in the Completing or Recompleted of a well shall be deemed an election not to participate in any Reworking operation proposed in such a well, or portion thereof, to which the initial non-consent election applied that is conducted at any time prior to full recovery by the Consenting Parties of the Non-Consenting Party's recoupment amount. Any such Reworking, Recompleted or Plugging Back operation conducted during the recoupment period shall be deemed part of the cost of operation of the well and there shall be added to the sums to be recouped by the Consenting Parties **10%** of that portion of the Reworking, Recompleted or Plugging Back operation which would have been chargeable to such Non-Consenting Party had it participated therein. If such a Reworking, Recompleted or Plugging Back operation is proposed during such recoupment period, the provisions of this Article VI.B. shall be applicable as between said Consenting Parties in said well.
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insured in the operation of the well, together with a statement of the quantity of Oil and Gas produced from it and the amount of proceeds realized from the sale of the Unit Area working interest production during the preceding month. In determining the quantity of Oil and Gas produced during any month, Consenting Parties shall use industry accepted methods such as but not limited to metering or periodic well tests. Any amount realized from the sale or other disposition of equipment newly acquired in connection with any such operation which would have been owned by a Non-Consenting Party had it participated therein shall be credited against the total unreturned costs of the work done and of the equipment purchased in determining when the interest of such Non-Consenting Party shall revert to it as above provided; and if there is a credit balance, it shall be paid to such Non-Consenting Party.

If and when the Consenting Parties recover from a Non-Consenting Party's relinquished interest the amounts provided for above, the relinquished interests of such Non-Consenting Party shall automatically revert to it as of 7:00 a.m. on the day following the day on which such recoupment occurs, and, from and after such reversion, such Non-Consenting Party shall own the same interest in such Unit Facility, well, the material and equipment in or pertaining thereto, and the production therefrom as such Non-Consenting Party would have been entitled to have it participated in the installation of any Unit Facilities, undertaking a Horizontal Conversion, drilling, Sidetracking, Reworking, Deepening, Reconstructing or Plugging Back of said well. Thereafter, such Non-Consenting Party shall be charged with and shall pay its proportionate part of the further costs of the operation of said well in accordance with the terms of this agreement and Exhibit "C" attached hereto.

3. Stand-By Costs: When a well which has been drilled or deepened has reached its authorized depth and all tests have been completed and the results thereof furnished to the parties, or when operations on the well have been otherwise terminated pursuant to Article VI.F., stand-by costs incurred pending response to a party's notice proposing the installation of any Unit Facilities, undertaking a Horizontal Conversion, a Reworking, Sidetracking, Deepening, Reconstructing, Plugging Back or Completing operation in such a well (including the period required under Article VI.B.6. to resolve competing proposals) shall be charged and borne as part of the drilling or Deepening operation just completed. Stand-by costs subsequent to all parties responding, or expiration of the response time permitted, whichever first occurs, and prior to agreement as to the participating interests of all Consenting Parties pursuant to the terms of the second grammatical paragraph of Article VI.B.2. (a), shall be charged to and borne by the party of the proposed operation, but if the proposal is subsequently withdrawn because of insufficient participation, such stand-by costs shall be allocated between the Consenting Parties in the proportion each Consenting Party's interest as shown on Exhibit "A" bears to the total interest as shown on Exhibit "A" of all Consenting Parties.

In the event that notice for a Sidetracking operation is given while the drilling rig to be utilized is on location, any party may request and receive up to five (5) additional days after expiration of the forty-eight hour response period specified in Article VI.B.1. within which to respond by paying all stand-by costs and other costs incurred during such extended response period; Operator may require such party to pay the estimated stand-by time in advance as a condition to extending the response period. If more than one party elects to take such additional time to respond to the notice, standby costs shall be allocated between the parties taking additional time to respond on a day-to-day basis in the proportion each electing party's interest as shown on Exhibit "A" bears to the total interest as shown on Exhibit "A" of all the electing parties.

4. Deepening: If less than all parties elect to participate in a drilling, Sidetracking, or Deepening operation proposed pursuant to Article VI.B.1., the interest relinquished by the Non-Consenting Parties to the Consenting Parties under Article VI.B.2. shall relate only and be limited to the lesser of (i) the total depth actually drilled or (ii) the objective depth or Zone of which the parties were given notice under Article VI.B.1. ("Initial Objective"). Such well shall not be Deepened beyond the Initial Objective without first complying with this Article to afford the Non-Consenting Parties the opportunity to participate in the Deepening operation.

In the event any Consenting Party desires to drill or Deepen a Non-Consent Well to a depth below the Initial Objective, such party shall give notice thereof, complying with the requirements of Article VI.B.1., to all parties (including Non-Consenting Parties). Thereupon, Articles VI.B.1. and 2. shall apply and all parties receiving such notice shall have the right to participate or not participate in the Deepening of such well pursuant to said Articles VI.B.1. and 2. If a Deepening operation is approved pursuant to such provisions, and if any Non-Consenting Party elects to participate in the Deepening operation, such Non-Consenting party shall pay or make reimbursement (as the case may be) of the following costs and expenses.

(a) If the proposal to Deepen is made prior to the Completion of such well as a well capable of producing in paying quantities, such Non-Consenting Party shall pay (or reimburse Consenting Parties for, as the case may be) that share of costs and expenses incurred in connection with the drilling of said well from the surface to the Initial Objective which Non-Consenting Party would have paid had such Non-Consenting Party agreed to participate therein, plus the Non-Consenting Party's share of the cost of Deepening and of participating in any further operations on the well in accordance with the other provisions of this Agreement; provided, however, all costs for testing and Completion or attempted Completion of the well incurred by Consenting Parties prior to the point of actual operations to Deepen beyond the Initial Objective shall be for the sole account of Consenting Parties.

(b) If the proposal is made for a Non-Consent Well that has been previously Completed as a well capable of producing in paying quantities, but is no longer capable of producing in paying quantities, such Non-Consenting Party shall pay (or reimburse Consenting Parties for, as the case may be) its proportionate share of all costs of drilling, Completing, and equipping said well from the surface to the Initial Objective, calculated in the manner provided in paragraph (a) above, less the costs recovered by the Consenting Parties from the sale of production from the well. The Non-Consenting Party shall also pay its proportionate share of all costs of re-entering said well. The Non-Consenting Parties' proportionate part (based on the percentage of such well Non-Consenting Party would have owned had it previously participated in such Non-Consent Well) of the costs of salvable materials and equipment remaining in the hole and salvageable surface equipment used in connection with such well shall be determined in accordance with Exhibit "C." If the Consenting Parties have recouped the cost of drilling, Completing, and equipping the well at the time such Deepening operation is conducted, then a Non-Consenting Party may participate in the Deepening of the well with no payment for costs incurred prior to re-entering the well for Deepening.

The foregoing shall not imply a right of any Consenting Party to propose any Deepening for a Non-Consent Well prior to the drilling of such well to its Initial Objective without the consent of the other Consenting Parties as provided in Article VI.F.

5. Sidetracking: Any party having the right to participate in a proposed Sidetracking operation that does not own an interest in the affected wellbore at the time of the notice shall, upon electing to participate, tender to the wellbore owners its proportionate share (equal to its interest in the Sidetracking operation) of the value of that portion of the existing wellbore to be utilized as follows:

(a) If the proposal is for Sidetracking an existing dry hole, reimbursement shall be on the basis of the actual costs incurred in the initial drilling of the well down to the depth at which the Sidetracking operation is initiated.
6. Order of Preference of Operations. Except as otherwise specifically provided in this agreement, if any party desires to propose the conduct of an operation that conflicts with a proposal that has been made by a party under this Article VI, such party shall have fifteen (15) days from delivery of the initial proposal, in the case of a proposal to drill a well or to perform an operation on or from a well no drilling rig is on location, or twenty-four (24) hours, exclusive of Saturday, Sunday and legal holidays, from delivery of the initial proposal, if a drilling rig is on location for the well on which such operation is to be conducted, to deliver to all parties entitled to participate in the proposed operation such party's alternative proposal, such alternate proposal to contain the same information required to be included in the initial proposal. Each party receiving such proposals shall elect by notice of receipt to Operator within five (5) days after expiration of the proposal period, or within twenty-four (24) hours (exclusive of Saturday, Sunday and legal holidays) if a drilling rig is on location for the well that is the subject of the proposals, to participate in one of the competing proposals. Any party not electing within the time required shall be deemed to have voted. The proposal receiving the vote of parties owning the largest aggregate percentage of interest of the parties voting shall have priority over all other competing proposals; in the case of a tie vote, the initial proposal shall prevail. Operator shall deliver notice of such result to all parties entitled to participate in the operation within five (5) days after expiration of the election period (or within twenty-four (24) hours, exclusive of Saturday, Sunday and legal holidays, if a drilling rig is on location). Each party shall then have two (2) days (or twenty-four (24) hours if a rig is on location) from receipt of such notice to elect by delivery of notice to Operator to participate in such operation or to relinquish interest in the affected well pursuant to the provisions of Article VI.B.2.; failure by a party to deliver notice within such period shall be deemed an election not to participate in the prevailing proposal.

7. Conformity to Spacing Pattern. Notwithstanding the provisions of this Article VI.B.2., it is agreed that no wells shall be proposed to be drilled, or Completed or produced from a Zone which a well located elsewhere on the Contract Area is producing, unless such well conforms to the then-existing well spacing pattern for such Zone.

8. Paving Wells. No party shall conduct any Reworking, Deepening, Plugging Back, Completion, Recompletion, or Sidetracking operation, but they can undertake a Horizontal Conversion to facilitate the installation of the pattern flood development.

Under this agreement with respect to any well then capable of producing in paying quantities except with the consent of all parties that have not relinquished interests in the well at the time of such operation.

C. Completion of Wells; Reworking and Plugging Back:

1. Completion. Without the consent of all parties, no well shall be drilled, Deepened or Sidetracked, except any well drilled, Deepened or Sidetracked pursuant to the provisions of Article VI.B.2. of this agreement. Consent to the drilling, Deepening or Sidetracking shall include:

___X___ Option No. 1: Subject to the provisions of Article XVI.F. All necessary expenditures for the drilling, Deepening or sidetracking, testing, Completing and Equipping of the well, including necessary tankage and/or surface facilities.

___X___ Option No. 2: All necessary expenditures for the drilling, Deepening or Sidetracking and testing of the well. When such well has reached its authorized depth, and all logs, cores and other tests have been completed, and the results thereof furnished to the parties, Operator shall give immediate notice to the Non-Operators having the right to participate in a Completion attempt whether or not Operator recommends attempting to Complete the well, together with Operator's AFE for Completion costs if not previously provided. The parties receiving such notice shall have forty-eight (48) hours (exclusive of Saturday, Sunday and legal holidays) in which to elect by delivery of notice to Operator to participate in a recommended Completion attempt or to make a Completion proposal with an accompanying AFE. Operator shall deliver such a Completion proposal, or any Completion proposal conflicting with Operator's proposal, to the other parties entitled to participate in such Completion in accordance with the procedures specified in Article VI.B.6. Election to participate in a Completion attempt shall include consent to all necessary expenditures for the Completing and equipping of such well, including necessary tankage and/or surface facilities but excluding any stimulation operation not contained on the Completion AFE. Failure of any party receiving such notice to reply within the period above fixed shall constitute an election by such party not to participate in the cost of the Completion attempt; provided, that Article VI.B.6. shall control in the case of conflicting Completion proposals. If one or more, but less than all of the parties, elect to attempt a Completion, the provision of Article VI.B.2. hereof (the phrase "Reworking, Sidetracking, Deepening, Recompletion or Plugging Back" as contained in Article VI.B.2. shall be deemed to include "Completing") shall apply to the operations thereafter conducted by less than all parties; provided, however, that Article VI.B.2. shall apply separately to each separate Completion or Recompletion attempt undertaken hereunder, and an election to become a Non-Consenting Party as to one Completion or Recompletion attempt shall not prevent a party from becoming a Consenting Party in subsequent Completion or Recompletion attempts regardless whether the Consenting Parties as to earlier Completions or Recompletion have recouped their costs pursuant to Article VI.B.2.; provided further, that any operation conducted by a Consenting Party shall be made solely from the production attributable to the Zone in which the Completion attempt is made. Election by a previous Non-Consenting party to participate in a subsequent Completion or Recompletion attempt shall require such party to pay its proportionate share of the cost of salvageable materials and equipment installed in the well pursuant to the previous Completion or Recompletion attempt, insofar and only insofar as such materials and equipment benefit the Zone in which such party participates in a Completion attempt.

2. Rework, Recomplete or Plug Back. No well shall be Reworked, Recompleted or Plugged Back except a well Reworked, Recompleted, or Plugged Back pursuant to the provisions of Article VI.B.2. of this agreement or a well that undergoes a Horizontal Conversion operation. Consent to the Horizontal Conversion, Reworking, Recompletion or Plugging Back of a well shall include all necessary expenditures in conducting such operations and Completing and equipping of said well, including necessary tankage and/or surface facilities.

D. Other Operations:

Operator shall not undertake any single project reasonably estimated to require an expenditure in excess of Thirty Thousand ($30,000.00) except in connection with the installation of any Unit Facilities, undertaking a Horizontal Conversion, drilling, Sidetracking, Reworking, Deepening, Completing, Recompleting or Plugging Back of a well that has been previously authorized by or pursuant to this agreement; provided, however, that, in case of explosion, fire, flood or other sudden event.
emergency, whether of the same or different nature, Operator may take such steps and incur such expenses as in its opinion are required to deal with the emergency to safeguard life and property but Operator, as promptly as possible, shall report the emergency to the other parties. If Operator prepares an AFE for its own use, Operator shall furnish any Non-Operator so requesting an information copy thereof for any single project costing in excess of Thirty Thousand and no/100 Dollars ($30,000.00).

Any party who has not relinquished its interest in the Unit Area shall have the right to propose that Operator perform repair work or undertake the installation of artificial lift equipment or ancillary production facilities such as salt water disposal wells or to conduct additional work with respect to a well drilled hereunder or other similar project (but not including the installation of gathering lines or other transportation or marketing facilities, the installation of which shall be governed by separate agreement) estimated to require an expenditure in excess of the amount first set forth in this Article V.LD. (except in connection with an operation required to be proposed under Articles V.LB.1. or V.LC.1. Option No. 2, which shall be governed exclusively by those Articles). Operator shall deliver such proposal to all parties entitled to participate therein. If within thirty (30) days thereof Operator secures the written consent of any party or parties owning at least 51% of the interests of the parties entitled to participate in such operation, each party having the right to participate in such project shall be bound by the terms of such proposal and shall be obligated to pay its proportionate share of the costs of the proposed project as if it had consented to such project pursuant to the terms of the proposal.

E. Abandonment of Wells:

1. Abandonment of Dry Holes: Except for any well drilled or Deepened pursuant to Article V.LB.2., any well which has been drilled or Deepened under the terms of this agreement and is proposed to be completed as a dry hole shall not be plugged and abandoned without the consent of all parties. Should Operator, after diligent effort, be unable to contact any party, or should any party fail to reply within forty-eight (48) hours (exclusive of Saturday, Sunday and legal holidays) after delivery of notice of the proposal to plug and abandon such well, such party shall be deemed to have consented to the proposed abandonment. All such wells shall be plugged and abandoned in accordance with applicable regulations and at the cost, risk and expense of the parties who participated in the cost of drilling or Deepening such well. Any party who objects to the plugging and abandoning such well by notice delivered to Operator within forty-eight (48) hours (exclusive of Saturday, Sunday and legal holidays) after delivery of notice of the proposed abandonment shall take over the well in the Zone then open to production. If the party taking over the well shall fail to do so within forty-eight (48) hours after delivery of notice of the proposed abandonment, the well shall be plugged and abandoned in accordance with applicable regulations and at the cost, risk and expense of all the parties hereto. Failure of a party to reply within sixty (60) days of delivery of notice of proposed abandonment shall be deemed an election to consent to the proposal. If, within sixty (60) days after delivery of notice of the proposed abandonment of any well, all parties do not agree to the abandonment of such well, those wishing to continue its operation from the Zone then open to production shall be obligated to take over the well as of the expiration of the applicable notice period and shall indemnify Operator (if Operator is an abandoning party) and the other abandoning parties against liability for any further operations conducted on such well except for the costs of plugging and abandoning the well and restoring the surface, for which the abandoning parties shall remain proportionately liable.

2. Abandonment of Wells That Have Produced: Except for any well in which a Non-Consent operation has been conducted hereunder for which the Consenting Parties have not been fully reimbursed as herein provided, any well which has been completed as a producer shall not be plugged and abandoned without the consent of all parties except for the undertaking of a Horizontal Conversion to facilitate the installation of the pattern flood development. If all parties consent to such abandonment, the well shall be plugged and abandoned in accordance with applicable regulations and at the cost, risk and expense of all the parties hereto. Failure of a party to reply within sixty (60) days of delivery of notice of proposed abandonment shall be deemed an election to consent to the proposal. If, within sixty (60) days after delivery of notice of the proposed abandonment of any well, all parties do not agree to the abandonment of such well, those wishing to continue its operation from the Zone then open to production shall be obligated to take over the well as of the expiration of the applicable notice period and shall indemnify Operator (if Operator is an abandoning party) and the other abandoning parties against liability for any further operations on the well conducted by such parties. Failure of such party or parties to provide proof reasonably satisfactory to Operator of their financial capability to conduct such operations or to take over the well within the required period or thereafter to conduct operations on such well shall entitle Operator to retain or take possession of such well and plug and abandon the well. The party taking over the well shall indemnify Operator (if Operator is an abandoning party) and the other abandoning parties against liability for any further operations conducted on such well except for the costs of plugging and abandoning the well and plugging and abandoning such well shall entitle Operator to retain or take possession of such well and plug and abandon the well.

Parties taking over a well as provided herein shall tender to each of the other parties its proportionate share of the value of the well's salvageable material and equipment, determined in accordance with the provisions of Exhibit "C," less the estimated cost of salvaging and the estimated cost of plugging and abandoning and restoring the surface; provided, however, that in the event the estimated plugging and abandoning and surface restoration costs and the estimated cost of salvaging are higher than the value of the salvageable material and equipment, each of the abandoning parties shall tender to the parties continuing operations their proportionate share of the estimated excess cost. Each abandoning party shall assign to the non-abandoning parties, without warranty, express or implied, as to title or as to quantity, or fitness for use of the equipment and material, all of its interest in the wellbore of the well and related equipment, together with its interest in the Leasehold and any interests insofar as such Leasehold covers the right to obtain production from that wellbore in the Zone then open to production. If the interest of the abandoning party is or includes Oil and Gas Interest, such party shall execute and deliver to the non-abandoning party or parties an oil and gas lease, limited to the wellbore and the Zone then open to production, for a term of one (1) year and so long thereafter as Oil and Gas is produced from the Zone covered thereby, such lease to be on the form and in the shall have the right to propose that Operator perform repair work on a well located in the Unit Area. The payments by, and the assignments or leases to, the assignee shall be in a ratio based upon the relationship of their respective percentage of participation in the Contract Area to the aggregate of the percentages of participation in the Contract Area of all assignees. There shall be no readjustment of interests in the remaining portions of the Contract Area.

Thereafter, abandoning parties shall have no further responsibility, liability, or interest in the operation of or production from the well in the Zone then open other than the royalties retained in any lease made under the terms of this Article. Upon request, Operator shall continue to operate the assigned well for the account of the non-abandoning parties at the rates and charges contemplated by this agreement, plus any additional cost and charges which may arise as the result of the separate ownership of the assigned well. Upon proposed abandonment of the producing Zone assigned or leased, the assignor or lessee shall then have the option to repurchase its prior interest in the well (using the same valuation formula) and participate in further operations therein subject to the provisions hereof.

3. Abandonment of Non-Consent Operations: The provisions of Article V.LE.1 or V.LE.2. above shall be applicable as between Consenting Parties in the event of the proposed abandonment of any well excepted from said Articles; provided, however, no well shall be permanently plugged and abandoned unless and until all parties having the right to conduct further operations therein have been notified of the proposed abandonment and afforded the opportunity to elect to take over the well in accordance with the provisions of this Article V.LE.; and provided further, that Non-Consenting Parties who own an interest
in a portion of the well shall pay their proportionate shares of abandonment and surface restoration cost for such well as provided in Article VII.B.(2).

F. Termination of Operations:

Upon the commencement of an operation for the installation of any Unit Facilities, undertaking a Horizontal Conversion, drilling, Reworking, Sidetracking, Plugging Back, Deepening, testing, Completion or plugging of a well, including but not limited to the Initial Well, such operation shall not be terminated without consent of parties bearing 81% of the costs of such operation; provided, however, that in the event granite or other practically impenetrable substance or condition in the hole is encountered which renders further operations impractical, Operator may discontinue operations and give notice of such condition in the manner provided in Article VII.B, and the provisions of Article VII.B. or V.E. shall thereafter apply to such operation, as appropriate.

G. Taking Production in Kind:

SEE XVI “H”

Option No. 1: Gas Balancing Agreement Attached

Each party shall take in kind or separately dispose of its proportionate share of all Oil and Gas produced from the Contract Area, exclusive of production which may be used in development and producing operations and in preparing and treating Oil and Gas for marketing purposes and production unavoidably lost. Any extra expenditures incurred in the taking in kind or separate disposition by party of its proportionate share of the production shall be borne by such party. Any party taking its share of production in kind shall be required to pay for only its proportionate share of such part of Operator's surface facilities which it uses. Each party shall execute such division orders and contracts as may be necessary for the sale of its interest in production from the Contract Area, and, except as provided in Article VII.B., shall be entitled to receive payment directly from the purchaser thereof for its share of all production.

If any party fails to make the arrangements necessary to take in kind or separately dispose of its proportionate share of the Oil produced from the Contract Area, Operator shall have the right, subject to the revocation at will by the party owning it, but not the obligation, to purchase such Oil and sell it to others at any time and from time to time, for the account of the non-taking party. Any such purchase or sale by Operator may be terminated by Operator upon at least ten (10) days written notice to the owner of said production and shall be subject always to the right of the owner of the production upon at least ten (10) days written notice to Operator to exercise at any time its right to take in kind, or separately dispose of, its share of all Oil not previously delivered to a purchaser. The sale or delivery by Operator of a non-taking party's share of Oil shall be only for such reasonable periods of time as are consistent with the minimum needs of the industry under the particular circumstances, but in no event for a period in excess of one (1) year.

Any such sale by Operator shall be in a manner commercially reasonable under the circumstances but Operator shall have no duty to share any existing market or to obtain a price equal to that received under any existing market. The sale or delivery by Operator of a non-taking party's share of Oil under the terms of any existing contract of Operator shall not give the non-taking party any interest in or make the non-taking party a party to said contract. No purchase shall be made by Operator without first giving the non-taking party at least ten (10) days written notice of such intended purchase and the price to be paid or the pricing basis to be used.

Each party shall execute such division orders and contracts as may be necessary for the sale of its interest in production from the Contract Area, exclusive of production which may be used in development and producing operations and in preparing and treating Oil and Gas for marketing purposes and production unavoidably lost. Any extra expenditures incurred in the taking in kind or separate disposition by any party of its proportionate share of the production shall be borne by such party. Any party taking its share of production in kind shall be required to pay for only its proportionate share of such part of Operator's surface facilities which it uses. Each party shall have the right to take in kind or separately dispose of its proportionate share of all Oil and Gas produced from the Contract Area, exclusive of production which may be used in development and producing operations and in preparing and treating Oil and Gas for marketing purposes and production unavoidably lost. Any extra expenditures incurred in the taking in kind or separate disposition by any party of its proportionate share of the production shall be borne by such party. Any party taking its share of production in kind shall be required to pay for only its proportionate share of such part of Operator's surface facilities which it uses.

Each party shall have the right to take in kind or separately dispose of its proportionate share of all Oil and/or Gas produced from the Contract Area, subject to the revocation at will by the party owning it, but not the obligation, to purchase such Oil and/or Gas or sell it to others at any time and from time to time, for the account of the non-taking party. Any such purchase or sale by Operator may be terminated by Operator upon at least ten (10) days written notice to the owner of said production and shall be subject always to the right of the owner of the production upon at least ten (10) days written notice to Operator to exercise its right to take in kind, or separately dispose of, its share of all Oil and/or Gas not previously delivered to a purchaser; provided, however, that the effective date of any such revocation may be deferred at Operator's election for a period not to exceed ninety (90) days if Operator has committed such production to a purchase contract having a term extending beyond such ten (10) -day period. Any purchase or sale by Operator of any other party's share of Oil and/or Gas shall be only for such reasonable periods of time as are consistent with the minimum needs of the industry under the particular circumstances, but in no event for a period in excess of one (1) year.

Any such sale by Operator shall be in a manner commercially reasonable under the circumstances, but Operator shall have no duty to share any existing market or transportation arrangement or to obtain a price or transportation fee equal to that received under any existing market or transportation arrangement. The sale or delivery by Operator of a non-taking party's share of production under the terms of any existing contract of Operator shall not give the non-taking party any interest in or make the non-taking party a party to said contract. No purchase of Oil and Gas and no sale of Gas shall be made by Operator without first giving the non-taking party ten days written notice of such intended purchase or sale and the price to be paid or the pricing basis to be used. Operator shall
A. Liability of Parties:

1. The liability of the parties shall be several, not joint or collective. Each party shall be responsible only for its obligations, and shall be liable only for its proportionate share of the costs of developing and operating the Contract Area. Accordingly, the liens granted among the parties in Article VII.B. are given to secure only the debts of each severally, and no party shall have any liability to third parties hereunder to satisfy the default of any other party in the payment of any expense or obligation hereunder. It is not the intention of the parties to create, nor shall this agreement be construed as creating, a mining or other partnership, joint venture, agency relationship or association, or to render the parties liable as partners, co-venturers, or principals. In their relations with each other under this agreement, the parties shall not be considered fiduciaries or to have established a confidential relationship but rather shall be free to act on an arm's-length basis in accordance with their own respective self-interest, subject, however, to the obligation of the parties to act in good faith in their dealings with each other with respect to activities hereunder.

B. Liens and Security Interests:

1. Each party grants to the other parties hereto a lien upon any interest it now owns or hereafter acquires in Oil and Gas Leases and Oil and Gas Interests in the Contract Area, and a security interest and/or purchase money security interest in any interest it now owns or hereafter acquires in the personal property and fixtures on or used or obtained for use in connection therewith, to secure performance of all of its obligations under this agreement including but not limited to payment of expense, interest and fees, the proper disbursement of all monies paid hereunder, the assignment or relinquishment of interest in Oil and Gas Leases as hereinafter granted, and the proper performance of operations hereunder. Such lien and security interest granted by each party hereto shall include such party's leasehold interests, working interests, operating rights, and royalty and overriding royalty interests in the Contract Area now owned or hereafter acquired and in lands pooled or unitized therewith or otherwise becoming subject to this agreement, the Oil and Gas when extracted therefrom and equipment situated thereon or used or obtained for use in connection therewith (including, without limitation, all wells, tools, and tubular goods), and accounts (including, without limitation, accounts arising from gas imbalances or from the sale of Oil and/or Gas at the wellhead), contract rights, inventory and general intangibles relating thereto or arising therefrom, and all proceeds and products of the foregoing.

2. To perfect the lien and security agreement provided herein, each party hereto shall execute and acknowledge the recording supplement and/or any financing statement prepared and submitted by any party hereto in conjunction herewith or at any time following execution hereof, and Operator is authorized to file this agreement or the recording supplement executed herewith as a lien or mortgage in the applicable real estate records and as a financing statement with the proper officer under the Uniform Commercial Code in the state in which the Contract Area is situated and such other states as Operator shall deem appropriate to perfect the security interest granted hereunder. Any party may file this agreement, the recording supplement executed herewith, or such other documents as it deems necessary as a lien or mortgage in the applicable real estate records and/or a financing statement with the proper officer under the Uniform Commercial Code.

3. Each party represents and warrants to the other parties hereto that the lien and security interest granted by such party to the other parties shall be a first and prior lien, and each party hereby agrees to maintain the priority of said lien and security interest against all persons acquiring an interest in Oil and Gas Leases and Interests covered by this agreement by, through or under such party. All parties acquiring an interest in Oil and Gas Leases and Oil and Gas Interests covered by this agreement, whether by assignment, merger, mortgage, operation of law, or otherwise, shall be deemed to have taken subject to the lien and security interest granted by this Article VII.B. as to all obligations attributable to such interest hereunder whether or not such obligations arise before or after such interest is acquired.

4. To the extent that parties have a security interest under the Uniform Commercial Code of the state in which the Contract Area is situated, they shall be entitled to exercise the rights and remedies of a secured party under the Code. The bringing of a suit and the obtaining of judgment by a party for the secured indebtedness shall not be deemed an election or otherwise affect the lien rights or security interest as security for the payment thereof. In addition, upon default by any party in the payment of its share of expenses, interests or fees, or upon the improper use of funds by the Operator, the other parties shall have the right, without prejudice to other rights or remedies, to collect from the purchaser the proceeds from the sale of such defaulting party's share of Oil and Gas until the amount owed by such party, plus interest as provided in "Exhibit C," has been received, and shall have the right tooffset the amount owed against the proceeds from the sale of such defaulting party's share of Oil and Gas. All purchasers of production may rely on a notification of default from the non-defaulting party or parties stating the amount due as a result of the default, and all parties waive any recourse available against purchasers for releasing production proceeds as provided in this paragraph.

5. If any party fails to pay its share of cost within one hundred twenty (120) days after rendition of a statement therefor by Operator, the non-defaulting parties, including Operator, shall upon request by Operator, pay the unpaid amount in the proportion that the interest of each such party bears to the interest of all such parties. The amount paid by each party so paying its share of the unpaid amount shall be secured by the liens and security rights described in Article VII.B., and each paying party may independently pursue any remedy available hereunder or otherwise.

6. If any party does not perform all of its obligations hereunder, and the failure to perform subjects such party to foreclosure or execution proceedings pursuant to the provisions of this agreement, to the extent allowed by governing law, the defaulting party waives its right of redemption from and after the date of judgment. Any required valuation or appraisal of the mortgaged or secured property prior to sale, any available right to stay execution or to require a marshaling of assets and any required bond in the event a receiver is appointed. In addition, to the extent permitted by applicable law, each party hereby grants to the other parties a power of sale as to any property that is subject to the lien and security rights granted hereunder, such power to be exercised in the manner provided by applicable law or otherwise in a commercially reasonable manner and upon reasonable notice.

7. Each party agrees that the other parties shall be entitled to utilize the provisions of Oil and Gas lien law or other lien law of any state in which the Contract Area is situated to enforce the obligations of each party hereunder. Without limiting...
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the generality of the foregoing, to the extent permitted by applicable law, Non-Operators agree that Operator may invoke or utilize the mechanics' or materialmen's lien law of the state in which the Contract Area is situated in order to secure the payment to Operator of any sum due hereunder for services performed or materials supplied by Operator.

C. Advances:
Operator, at its election, shall have the right from time to time to demand and receive from one or more of the other parties payment in advance of their respective shares of the estimated amount of the expense to be incurred in operations hereunder during the next succeeding annual quarter, which right may be exercised only by submission to each such party of an untimed statement of AFE setting forth such estimated expense, together with an invoice for its share thereof. Each such statement and invoice for the payment in advance of estimated expense shall be submitted on or before the 20th day of the next preceding annual quarter. Each party shall pay to Operator its proportionate share of such estimate within fifteen (15) days after such estimate and invoice is received. If any party fails to pay its share of said estimate within said time, the amount due shall bear interest as provided in Exhibit "C" until paid. Proper adjustment shall be made monthly between advances and actual expense to the end that each party shall bear and pay its proportionate share of actual expenses incurred, and no more.

D. Defaults and Remedies:
If any party fails to discharge any financial obligation under this agreement, including without limitation the failure to make any advance under the preceding Article VII.C. or any other provision of this agreement, within the period required for such payment hereunder, then in addition to the remedies provided in Article VII.B. or elsewhere in this agreement, the remedies specified below shall be applicable. For purposes of this Article VII.D., all notices and elections shall be delivered only by Operator, except that Operator shall deliver any such notice and election requested by a non-defaulting Non-Operator, and when Operator is the party in default, the applicable notices and elections can be delivered by any Non-Operator.

1. Suspension of Rights: Any party may deliver to the party in default a Notice of Default, which shall specify the default, specify the action to be taken to cure the default, and specify that failure to take such action will result in the exercise of one or more of the remedies provided in this Article. If the default is not cured within thirty (30) days of the delivery of such Notice of Default, all of the rights of the defaulting party granted by this agreement may upon notice be suspended until the default is cured, without prejudice to the right of the non-defaulting party or parties to continue to enforce the obligations of the defaulting party previously accrued or thereafter accruing under this agreement. If Operator is the party in default, the Non-Operators shall have in addition the right, by vote of Non-Operators owning a majority in interest in the Contract Area after excluding the voting interest of Operator, to appoint a new Operator effective immediately. The rights of a defaulting party that may be suspended hereunder at the election of the non-defaulting parties shall include, without limitation, the right to receive information as to any operation conducted hereunder during the period of such default, the right to elect to participate in an operation proposed under Article VII.B. of this agreement, the right to participate in an operation being conducted under this agreement even if the party has previously elected to participate in such operation, and the right to receive proceeds of production from any well subject to such agreement.

2. Suit for Damages: Non-defaulting parties or Operator for the benefit of non-defaulting parties may sue (at joint account expense) to collect the amounts in default, plus interest accruing on the amounts recovered from the date of default until the date of collection at the rate specified in Exhibit "C" attached hereto. Nothing herein shall prevent any party from suing any defaulting party to collect consequential damages accruing to such party as a result of the default.

3. Deemed Non-Consent: The non-defaulting party may deliver a written Notice of Non-Consent Election to the defaulting party at any time after the expiration of the thirty-day cure period following delivery of the Notice of Default, in which event if the billing is for installation of any Unit Facilities, undertaking a Horizontal Conversion, the drilling of a new well or the Plugging Back, Sidetracking, Reworking or Deepening of a well which is to be or has been plugged as a dry hole, or for the Completion or Recompletion of any well, the defaulting party will be conclusively deemed to have elected not to participate in the all future operation and to be a Non-Consenting Party with respect thereto under Article VII.B., XVII.C. or V.I.C., as the case may be, to the extent of the costs unpaid by such party, notwithstanding any election to participate theretofore made.

If election is made to proceed under this provision, then the non-defaulting parties may not elect to sue for the unpaid amount pursuant to Article VII.D.2.

Until the delivery of such Notice of Non-Consent Election to the defaulting party, such party shall have the right to cure its default by paying its unpaid share of costs plus interest at the rate set forth in Exhibit "C"; provided, however, such payment for the defaulting party's interest is not limited to the amount of advances paid for such party, but shall include costs of drilling a well or Completion of a well as to which an election to participate in drilling or Completion has been made. If the defaulting party fails to pay the required advance payment, the non-defaulting parties may pursue any of the remedies provided in the Article VII.D. or any other default remedy provided elsewhere in this agreement. Any excess of funds advanced remaining when the operation is completed and all costs have been paid shall be promptly returned to the advancing party.

4. Advance Payment: If a default is not cured within thirty (30) days of the delivery of a Notice of Default, Operator, or Non-Operators if Operator is the defaulting party, may thereafter require advance payment from the defaulting party of such defaulting party's anticipated share of any item of expense for which Operator, or Non-Operators, as the case may be, would be entitled to reimbursement under any provision of this agreement, whether or not such expense was the subject of a Notice of Non-Consent Election. Such right includes, but is not limited to, the right to require advance payment for the included costs of drilling a well or Completion of a well as to which an election to participate in drilling or Completion has been made. If the defaulting party fails to pay the required advance payment, the non-defaulting parties may pursue any of the remedies provided in the Article VII.D. or any other default remedy provided elsewhere in this agreement. Any excess of funds advanced remaining when the operation is completed and all costs have been paid shall be promptly returned to the advancing party.

5. Costs and Attorneys' Fees: In the event any party is required to bring legal proceedings to enforce any financial obligation of a party hereunder, the prevailing party in such action shall be entitled to recover all court costs, costs of collection, and a reasonable attorney's fee, which the lien provided for herein shall also secure.

E. Rentals, Shut-in Well Payments and Minimum Royalties:

Rentals, shut-in well payments and minimum royalties which may be required under the terms of any lease shall be paid by the party or parties who subjected such lease to this agreement or their expense. In the event two or more parties own and have contributed interests in the same lease to this agreement, such parties may designate one of such parties to make said payments for and on behalf of all such parties. Any party may request, and shall be entitled to receive, proper evidence of all such payments. In the event of failure to make proper payment of any rental, shut-in well payment or minimum royalty through mistake or oversight where such payment is required to continue the lease in force, any loss which results from such non-payment shall be borne in accordance with the provisions of Article IV.B.2.
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ARTICLE VII.

ACQUISITION, MAINTENANCE OR TRANSFER OF INTEREST

A. Surrender of Leases:

The Leases covered by this agreement, insofar as they embrace acreage in the Contract Area, shall not be surrendered in whole or in part unless all parties consent thereto.

However, should any party desire to surrender its interest in any Lease or in any portion thereof, such party shall give written notice of the proposed surrender to all parties, and the parties to whom such notice is delivered shall have thirty (30) days after delivery of the notice within which to notify the party proposing the surrender whether they elect to consent thereto. Failure of a party to whom such notice is delivered to reply within said 30-day period shall constitute a consent to the surrender of the Leases described in the notice. If all parties do not agree or consent thereto, the party desiring to surrender shall assign, without express or implied warranty of title, all of its interest in such Lease, or portion thereof, and any well, material and equipment which may be located thereon and any rights in production thereafter secured, to the parties not consenting to such surrender. If the interest of the assigning party is or includes an Oil and Gas Interest, the assigning party shall execute and deliver to the party or parties not consenting to such surrender an oil and gas lease covering such Oil and Gas Interest for a term of one (1) year and so long thereafter as Oil and Gas is produced from the land covered thereby, such lease to be on the form attached hereto as Exhibit "B."

Upon such assignment or lease, the assigning party shall be relieved from all obligations thereafter accruing, but not theretofore accrued, with respect to the interest assigned or leased and the operation of any well attributable thereto, and the assigning party shall have no further interest in the assigned or leased premises and its equipment and production other than the royalties retained in any lease made under the terms of this Article. The party assignee or lessee shall pay to the party assignor or lessor the reasonable salvage value of the latter's interest in any well's salvable materials and equipment attributable to the assigned or leased acreage. The value of all salvable materials and equipment shall be determined in accordance with the provisions of Exhibit "C," less the estimated cost of salvaging and the estimated cost of plugging and abandoning and restoring the surface. If such value is less than such costs, then the party assignor or lessee shall pay to the party assignee or lessee the amount of such deficit. If the assignment or lease is in favor of more than one party, the interest shall be shared by such parties in the proportions that the interest of each bears to the total interest of all such parties. If the interest of the parties to whom the assignment is to be made varies according to depth, then the interest assigned shall similarly reflect such variances.

Any assignment, lease or surrender made under this provision shall not reduce or change the assignor's, lessee's or surrendering party's interest as it was immediately before the assignment, lease or surrender in the balance of the Contract Area; and the acreage assigned, leased or surrendered, and subsequent operations thereon, shall not thereafter be subject to the terms and provisions of this agreement but shall be deemed subject to an Operating Agreement in the form of this agreement.

B. Renewal or Extension of Leases:

If any partysecures a renewal or replacement of an Oil and Gas Lease or Interest subject to this agreement, then all other parties shall be notified promptly upon such acquisition or, in the case of a replacement Lease taken before expiration of an existing Lease, promptly upon expiration of the existing Lease. The parties notified shall have the right for a period of thirty (30) days following delivery of such notice in which to elect to participate in the ownership of the renewal or replacement Lease, insofar as such Lease affects lands within the Contract Area, by paying to the party who acquired it their proportionate shares of the acquisition cost allocated to that part of such Lease within the Contract Area, which shall be in proportion to the interest held at that time by the parties in the Contract Area. Each party who participates in the purchase of a renewal or replacement Lease shall be given an assignment or lease to that part of such Lease within the Contract Area, which shall be in proportion to the interest held at that time by the party or parties to whom such notice is delivered to reply within said 30-day period. Failure of a party to whom such notice is delivered to reply within said 30-day period shall constitute a consent to the purchase of such renewal or replacement Lease.

If some, but not all, of the parties elect to participate in the purchase of a renewal or replacement Lease, it shall be owned by the parties who elect to participate therein, in a ratio based upon the relationship of their respective percentage of participation in the Contract Area to the aggregate of the percentages of participation in the Contract Area of all parties participating in the purchase of such renewal or replacement Lease. The acquisition of a renewal or replacement Lease by any or all of the parties hereto shall not cause a reduction of the interests of the parties stated in Exhibit "A," but any renewal or replacement Lease in which less than all parties elect to participate shall not be subject to this agreement but shall be deemed subject to a separate Operating Agreement in the form of this agreement.
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If the interest of the parties in the Contract Area vary according to depth, then their right to participate proportionately in the renewal or replacement Leases and their right to receive an assignment of interest shall also reflect such depth variances.

The provisions of this Article shall apply to renewal or replacement Leases whether they are for the entire interest covered by the expiring Lease or cover only a portion of its area or an interest therein. Any renewal or replacement Lease taken before the expiration of its predecessor Lease, or taken or contracted for or becoming effective within six (6) months after the expiration of the existing Lease, shall be subject to this provision so long as this agreement in effect at the time of such acquisition or at the time the renewal or replacement Lease becomes effective; but any Lease taken or contracted for more than six (6) months after the expiration of an existing Lease shall not be deemed a renewal or replacement Lease and shall not be subject to the provisions of this agreement.

The provisions in this Article shall also be applicable to extensions of Oil and Gas Leases.

C. Acreage or Cash Contributions:

While this agreement is in force, if any party contracts for a contribution of cash towards the drilling of a well or any other operation on the Contract Area, such contribution shall be paid to the party who conducted the drilling or other operation and shall be applied by it against the cost of such drilling or other operation. If the contribution be in the form of acreage, the party to whom the contribution is made shall promptly tender an assignment of the acreage, without warranty of title, to the Drilling Parties in the proportions said Drilling Parties shared the cost of drilling the well. Such acreage shall become a separate Contract Area and, to the extent possible, be governed by provisions identical to this agreement. Each party shall promptly notify all other parties of any acreage or cash contributions it may obtain in support of any well or any other operation on the Contract Area. The above provisions shall also be applicable to optional rights to earn acreage outside the Contract Area which are in support of well drilled inside Contract Area.

If any party contracts for any consideration relating to disposition of such party's share of substances produced hereunder, such consideration shall not be deemed a contribution as contemplated in this Article VIII.C.

D. Assignment; Maintenance of Uniform Interest:

For the purpose of maintaining uniformity of ownership in the Contract Area in the Oil and Gas Leases, Oil and Gas Leases, operations and production conducted hereunder in which such party has agreed to participate prior to making such assignment, and the lien and security interests granted by Article VII.B. shall continue to burden the interest transferred to secure payment of any such obligations. Every sale, encumbrance, transfer or other disposition made by any party shall be made expressly subject to this agreement and shall be made without prejudice to the right of the other parties and any transfers of an ownership interest in any Oil and Gas Leases or Interest shall be deemed a party to the interest conveyed thereto and after the effective date of such transfer or other disposition, the party to whom such transfer or other disposition is made shall be entitled to engage in such sales, encumbrances, transfers or other disposition of the Oil and Gas Leases with power to conduct hereunder in which such party has agreed to participate prior to making such assignment, and the lien and security interests granted by Article VII.B. shall continue to burden the interest transferred to secure payment of any such obligations.

If, at any time the interest of any party is divided among and owned by four or more co-owners, Operator, at its discretion, may require such co-owners to appoint a single trustee or agent with full authority to receive notices, approve expenditures, receive billings for and approve and pay each party's share of the joint expenses, and to deal generally with, and with power to bind, the co-owners of such party's interest within the scope of the operations embraced in this agreement; however, all such co-owners shall have the right to enter into and execute all contracts or agreements for the disposition of their respective shares of the Oil and Gas produced from the Contract Area and they shall have the right to receive, separately, payment of the sale proceeds thereof.

E. Waiver of Rights to Partition:

If permitted by the laws of the state or states in which the property covered hereby is located, each party hereto owning an undivided interest in the Contract Area waives any and all rights it may have to partition and have set aside to it in severalty its undivided interest therein.

F. Preferential Right to Purchase:

If any party desires to sell all or any part of its interests under this agreement or its rights and interests in the Contract Area, it shall promptly give written notice to the other parties, with full information concerning its proposed disposition, which shall include the name and address of the prospective transferee (who must be ready, willing and able to purchase), the purchase price, a legal description sufficient to identify the property, and all other terms of the offer. The other parties shall have an optional right to purchase for a period of ten (10) days after the notice is delivered, its interest in the stated consideration on the same terms and conditions, the interest which the other party proposes to sell; and, if this optional right is exercised the purchasing parties shall share the purchase, interest in the proportions that the interest of each bears to the total interest of all purchasing parties. However, there shall be no preferential right to purchase in those cases where any party wishes to mortgage its interests, or transfer title to its interests to its mortgagee in lieu of or pursuant to foreclosure of a mortgage of its interests, or to dispose of its interests by merger, reorganization, consolidation, or by sale of all or substantially all of its Oil and Gas assets to any party, or by transfer of its interests to a subsidiary or parent company or to a subsidiary of a parent company, or to any company in which such party owns a majority of the stock.

ARTICLE IX.

INTERNAL REVENUE CODE ELECTION

If, for federal income tax purposes, this agreement and the operations hereunder are regarded as a partnership, and if the parties have not otherwise agreed to form a tax partnership pursuant to Exhibit "G" or other agreement between them, each party thereby affected elects to be excluded from the application of all of the provisions of Subchapter "K," Chapter 1, Subtitle "A," of the Internal Revenue Code of 1986, as amended ("Code"), as permitted and authorized by Section 761 of the Code and the regulations promulgated thereunder. Operator is authorized and directed to execute on behalf of each party hereby affected such evidence of this election as may be required by the Secretary of the Treasury of the United States or the Internal Revenue Service, including specifically, but not by way of limitation, all of the returns, statements, and the data required by Treasury Regulation §1.761. Should there be any requirement that each party hereby affected give further evidence of this
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1. Classification of parties. Each such party shall execute such documents and furnish such other evidence as may be required by the Federal Internal Revenue Service or as may be necessary to evidence this election. No such party shall give any notice or take any action inconsistent with the election made hereby. If any present or future income tax laws of the state or states in which the Contract Area is located or any future income tax laws of the United States contain provisions similar to those in Subchapter "K," Chapter 1, Subtitle "A," of the Code, under which an election similar to that provided by Section 761 of the Code is permitted, each party hereby affected shall make such election as may be permitted or required by such laws. In making the foregoing election, each such party states that the income derived by such party from operations hereunder can be adequately determined without the computation of partnership taxable income.

ARTICLE X.

CLAIMS AND LAWSUITS

Operator may settle any single uninsured third party damage claim or suit arising from operations hereunder if the expenditure does not exceed Thirty Thousand and no/100 Dollars ($30,000.00) and if the payment is in complete settlement of such claim or suit. If the amount required for settlement exceeds the above amount, the parties hereto shall assume and take over the further handling of the claim or suit, unless such authority is delegated to Operator. All costs and expenses of handling settling, or otherwise discharging such claim or suit shall be the joint expense of the parties participating in the operation from which the claim or suit arises. If a claim is made against any party or if any party is sued on account of any matter arising from operations hereunder over which such individual has no control because of the rights given Operator by this agreement, such party shall immediately notify all other parties, and the claim or suit shall be treated as any other claim or suit involving operations hereunder.

ARTICLE XI.

FORCE MAJEUER

If any party is rendered unable, wholly or in part, by force majeure to carry out its obligations under this agreement, other than the obligation to indemnify or make money payments or furnish security, that party shall give to all other parties prompt written notice of the force majeure reasonably full particulars concerning it; thereupon, the obligations of the party giving the notice, so far as they are affected by the force majeure, shall be suspended during the continuance of the force majeure. The term "force majeure," as here employed, shall mean an act of God, strike, lockout, or other industrial disturbance, act of the public enemy, war, blockade, public riot, lightening, fire, storm, flood or other act of nature, explosion, governmental action, governmental delay, restraint or inaction, unavailability of equipment, and any other cause, whether of the kind specifically enumerated above or otherwise, which is not reasonably within the control of the party claiming suspension.

The affected party shall use all reasonable diligence to remove the force majeure situation as quickly as practicable. The requirement that any force majeure shall be remedied with all reasonable dispatch shall not require the settlement of strikes, lockouts, or other labor difficulty by the party involved, contrary to its wishes; how all such difficulties shall be handled shall be entirely within the discretion of the party concerned.

ARTICLE XII.

NOTICES

All notices authorized or required between the parties by any of the provisions of this agreement, unless otherwise specifically provided, shall be in writing and delivered in person or by United States mail, courier service, telegram, telex, telecopier or any other form of facsimile, postage or charges prepaid, and addressed to such parties at the addresses listed on Exhibit "A." All telephone or oral notices permitted by this agreement shall be confirmed immediately thereafter by written notice. The originating notice given under any provision hereof shall be deemed delivered only when received by the party to whom such notice is directed, and the time for such party to deliver any notice in response thereto shall run from the date the originating notice is received. "Receipt" for purposes of this agreement with respect to written notice delivered hereunder shall be actual delivery of the notice to the address of the party to be notified specified in accordance with this agreement, or to the telecopy, facsimile or telex machine of such party. The second or any responsive notice shall be deemed delivered when deposited in the United States mail or at the office of the courier or telegraph service, or upon transmittal by telex, teletype or facsimile, or when personally delivered to the party to be notified, provided, that when response is required within 24 or 48 hours, such notice shall be given orally or by telephone, telex, telecopy or facsimile within such period. Each party shall have the right to change its address at any time, and from time to time, by giving written notice thereof to all other parties. If a party is not available to receive notice orally or by telephone when a party attempts to deliver a notice required to be delivered within 24 or 48 hours, the notice may be delivered in writing by any other method specified herein and shall be deemed delivered in the same manner provided above for any responsive notice.

ARTICLE XIII.

TERM OF AGREEMENT

This agreement shall remain in full force and effect as to the Oil and Gas Leases and/or Oil and Gas Interests subject hereto for the period of time selected below; provided, however, no party hereto shall ever be construed as having any right, title or interest in or to any Lease or Oil and Gas Interest contributed by any other party beyond the term of this agreement.

Option No. 1: So long as any of the Oil and Gas Leases subject to this agreement remain or are continued in force to any part of the Contract Area, whether by production, extension, renewal or otherwise, or so long as an order of the Arkansas Oil and Gas Commission is in force as to any part of the Contract Area.

Option No. 2: In the event the well described in Article VI.A., or any subsequent well drilled under any provision of this agreement, results in the Completion of a well as a well capable of production of Oil and/or Gas in paying quantities, this agreement shall continue in force so long as any such well is capable of production, and for an additional period of days thereafter, provided, however, if prior to the expiration of such additional period, one or more of the parties hereto are engaged in drilling, Reworking, Deepening, Side-tracking, Plugging Back, testing or attempting to Complete or Re-compleat a well or wells hereunder, this agreement shall continue in force until such operations have been completed and if production results therefore, this agreement shall continue in force as so provided herein. In the event the well described in Article VI.A., or any subsequent well drilled hereunder results in a dry hole and so other well is capable of producing Oil and/or Gas from the Contract Area, this agreement shall terminate unless drilling, Deepening, Side-tracking, Completions, Re-compleating, Plugging Back or Reworking operations are commenced within ninety (90) days from the date of abandonment of said well. *Abandonment" for such purposes shall mean either (i) a decision by all parties not to conduct any further operations on the well for the lapse of 180 days from the date of any operations on the well, whichever first occurs.

The termination of this agreement shall not relieve any party hereto from any expense, liability or other obligation or any
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remedy therefor which has accrued or attached prior to the date of such termination.

Upon termination of this agreement and the satisfaction of all obligations hereunder, in the event a memorandum of this
Operating Agreement has been filed of record, Operator is authorized to file of record in all necessary recording offices a
notice of termination, and each party hereto agrees to execute such a notice of termination as to Operator's interest, upon
request of Operator, if Operator has satisfied all its financial obligations.

ARTICLE XIV.

COMPLIANCE WITH LAWS AND REGULATIONS

A. Laws, Regulations and Orders:

This agreement shall be subject to the applicable laws of the state in which the Contract Area is located, to the valid rules,
regulations, and orders of any duly constituted regulatory body of said state; and to all other applicable federal, state,
and local laws, ordinances, rules, regulations and orders.

B. Governing Law:

This agreement and all matters pertaining hereto, including but not limited to matters of performance, non-
performance, breach, remedies, procedures, rights, duties, and interpretation or construction, shall be governed and
determined by the law of the state in which the Contract Area is located. If the Contract Area is in two or more states,
the law of the state of Arkansas shall govern.

C. Regulatory Agencies:

Nothing herein contained shall grant, or be construed to grant, Operator the right or authority to waive or release any
rights, privileges, or obligations which Non-Operators may have under federal or state laws or under rules, regulations or
orders promulgated under such laws in reference to oil, gas and mineral operations, including the location, operation, or
production of wells, on tracts offsetting or adjacent to the Contract Area.

With respect to the operations hereunder, Non-Operators agree to release Operator from any and all losses, damages,
injuries, claims and causes of action arising out of, incident to or resulting directly or indirectly from Operator's interpretation
or application of rules, rulings, regulations or orders of the Department of Energy or Federal Energy Regulatory Commission
or predecessor or successor agencies, or any other governmental regulatory agencies, bodies, boards, or commissions, to the extent such
interpretation or application was made in good faith and does not constitute gross negligence. Each Non-Operator further agrees to reimburse
Operator for such Non-Operator's share of production or any refund, fine, levy or other governmental sanction that Operator may be
required to pay as a result of such an incorrect interpretation or application, together with interest and penalties thereon owing by
Operator as a result of such incorrect interpretation or application. All fines, penalties, and interest levied by OSHA, DOE, FERC,
EPA, FTC, IRS, the Commission or any other legislative body or governmental agency which result from actions taken in good faith and
with the exercise of reasonable care shall be charged to the joint account and shall be paid by the parties hereto in accordance with the terms of
Article VII.C. hereof.

ARTICLE XV.

MISCELLANEOUS

A. Execution:

This agreement shall be binding upon each Non-Operator when this agreement or a counterpart thereof has been
executed by such Non-Operator and Operator notwithstanding that this agreement is not then or thereafter executed by all of
the parties to which it is tendered or which are listed on Exhibit "A" as owning an interest in the Contract Area or which
own, in fact, an interest in the Contract Area. Operator may, however, by written notice to all Non-Operators who have
become bound by this agreement as aforesaid, given at any time prior to the actual spud date of the Initial Well but in no
event later than five days prior to the date specified in Article VLA. for commencement of the Initial Well, terminate this
agreement if Operator in its sole discretion determines that there is insufficient participation to justify commencement of
drilling operations. In the event of such a termination by Operator, all further obligations of the parties hereunder shall cease
as of such termination. In the event any Non-Operator has advanced or prepaid any share of drilling or other costs
hereunder, all sums so advanced shall be returned to such Non-Operator without interest. In the event Operator proceeds
with drilling operations for the Initial Well without the execution hereof by all persons listed on Exhibit "A" as having a
current working interest in such well, Operator shall indemnify Non-Operators with respect to all costs incurred for the
Initial Well which would have been charged to such person under this agreement if such person had executed the same and
Operator shall receive all revenues which would have been received by such person under this agreement if such person had
executed the same.

B. Successors and Assigns:

This agreement shall be binding upon and shall inure to the benefit of the parties hereto and their respective heirs,
devises, legal representatives, successors and assigns, and the terms hereof shall be deemed to run with the Leases or
Interests included within the Contract Area.

C. Counterparts:

This instrument may be executed in any number of counterparts, each of which shall be considered an original for all
purposes.

D. Severability:

For the purposes of assuming or rejecting this agreement as an executory contract pursuant to federal bankruptcy laws,
this agreement shall not be severable, but rather must be assumed or rejected in its entirety, and the failure of any party to
this agreement to comply with all of its financial obligations provided herein shall be a material default.

ARTICLE XVI.

OTHER PROVISIONS

A. Definitions:

As used in this Agreement, the following words and terms shall have the meanings here ascribed to them:

(1) The term "Commission" shall mean the Arkansas Oil & Gas Commission or any successor regulatory body having jurisdiction.

(2) The term "Unitization Order" shall mean any order by the Commission resulting from a petition to the Commission pursuant to
Arkansas Code Annotated 15-72-308 for the operation as a unit of any and all oil and gas interests within the Contract Area for purposes of
operating the Contract Area as one integrated unit pursuant to the terms of this agreement.
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1. (3) The term “Unit Agreement” shall refer to the “Amended and Restated Unit Agreement” for the Malway Field.

2. (4) The term “Tract Participation” shall have the meaning as defined in the Unit Agreement. Since this is an existing Unit, Tract Participation percentages are already defined and detailed in the Unit Agreement. If acreage is added to the Unit, the participation percentage to be allocated to the lands added to the Unit Area shall be fair and reasonable, considering all available information, and in conformity with the Laws of the State of Arkansas.

3. (5) The term “Horizontal Conversion” shall mean the act of abandoning the lateral portion of a horizontal well that is still capable of producing in paying quantities and converting it into a vertical well used as either a producer or injector to facilitate the installation of a pattern flood.

4. (6) The term “OOIP” means original oil in place

5. (7) The term “Cumulative Production” means the historic production produced from a property.

6. (8) The term “ROIP” means remaining oil in place which is calculated by taking OOIP and subtracting the Cumulative Production for a property.

7. (9) The term “Unit Facilities” may include but is not limited to the following compressors, Flow Lines, Injection Lines, Metering, Bulk Lines, Pipelines, Test Facilities, Central Processing Facilities and CO2 Recycle Facilities.

B. Confirmation of Unit Agreement.

The Unit Agreement is hereby confirmed and made a part of this Agreement. In the event of any conflict between this agreement and theUnit Agreement, the terms and provisions of the Unit Agreement are paramount and shall prevail to the extent of any such conflict.

C. Unitization Order.

Operator and Non-Operators recognize that the Unit Area covered by this agreement is and/or may be subject to a Unitization Order issued by the Commission under § 15-72-308 of the Arkansas Code. Pursuant to the terms of any such Unitization Order, (i) all tracts and interests included within the drilling unit shall be unitized for the development or operation thereof for oil and gas, (ii) all operations to be conducted on the drilling unit shall be proposed and conducted in accordance with the terms of this agreement (whether or not the owners of the leasehold interests and oil and gas interests within the drilling unit actually execute this agreement) and (iii) the non-consent provisions contained in Article VI.B.2. and XVI.C. of this Agreement shall apply to all “nonparticipating owners” (as such term is used in § 15-72-304) in the drilling unit.

D. Non-Consent Parties

Notwithstanding anything to the contrary in this Agreement, it is understood that all operations on the Contract Area are part of an

Integrated project consisting of wells being Drilled, Reworked, Deepened, Plugged Back, Recompleted, Sideracked or Horizontal wells converted to Vertical wells along with a substantial amount of Unit Facilities to be installed which may include but are not limited to the following Compressors, Flow Lines, Injection Lines, Metering, Bulk Lines, Pipelines, Test Facilities, Central Processing Facilities and CO2 Recycle Facilities. Because this is an integrated project, all Consenting Parties acknowledge that they are obligated to consent on the project as a whole. A Consenting Party cannot choose to participate in less than 100% of all Unit Facilities and operations on the Contract Area. Therefore, at the beginning of the project, each Non-Operator working interest owner will be given the choice to elect to participate in the project and once this election is made, it is final and applicable to all Unit Facilities and all operations on the Contract Area.

It is also understood that, if any party (including the Operator) fails to pay its share of any cost, including any advance which it is obligated to make under any provision of this Agreement, then the Operator or any Non-Operator if the Operator is the party in default may pursue the Deemed Non-Consent remedy defined in Article XVI.E.3 below. This remedy converts a consenting party to a non-consenting party.

Also, each working interest partner agrees that 100% of the non-consenting working interest partner’s interest in the production obtained from the Unit Area, with sale of such share calculated at the well, or market value thereof if such share is not sold (after deducting applicable ad valorem, production, severance, excise taxes, royalty, overriding royalty and other interests not excepted by Article III.C. payable out of or measured by the production from the Unit Area accruing with respect to such interest until it reverts) interest will be utilized to payback the non-consenting party amounts owed per Article VI.B.2.(B).

E. Operator as Independent Contractor; Duties of the Parties.

In its performance of services hereunder for the Non-Operators, Operator shall be an independent contractor not subject to the control or direction of the Non-Operators as to the means or manner of such performance but only as to the type of operation to be undertaken in accordance with the election procedures contained in this agreement. Operator shall not be deemed, or hold itself out as, the agent of the Non-Operators with authority to bind them to any obligation or liability assumed or incurred by Operator vis-à-vis any third party.

In their relations with each other under this agreement and any other agreement relating to the Contract Area, the parties shall not be considered fiduciaries or to have a fiduciary relationship, but rather shall be free to act on an arm’s-length basis in accordance with their own perceptions of their respective self-interests. NO PARTY SHALL BE LIABLE TO ANY OTHER PARTY HERETO FOR ANY LOSS OR PROSPECTIVE PROFITS OR ANY OTHER SPECIAL, PUNITIVE, EXEMPLARY, CONSEQUENTIAL, INCIDENTAL OR INDIRECT LOSSES OR DAMAGES (IN TORT, CONTRACT OR OTHERWISE) UNDER OR IN RESPECT OF THIS AGREEMENT OR ANY OTHER AGREEMENT RELATING TO THE CONTRACT AREA OR FOR ANY FAILURE OF PERFORMANCE THEREUNDER, HOWEVER CAUSED, WHETHER OR NOT ARISING FROM SUCH PARTY’S SOLE, JOINT OR CONCURRENT NEGLIGENCE, STRICT LIABILITY, BREACH OF CONTRACT, OR OTHER FAULTY OR RESPONSIBILITY.

F. Non-Payment.

Subject to Article X.V.E.4 hereof, if any party (including the Operator) fails to pay its share of any cost, including any advance which it is obligated to make under Article VII.C or any other provision of this Agreement, within the period required for such payment, then, in addition to the other remedies in this Agreement, the Operator (or any Non-Operator if the Operator is the party in default) may pursue any of the following remedies:

1. Suspension of Rights. Operator (or the Non-Operators if Operator is the party in default) may deliver to the party in default by certified mail, return receipt requested a Notice of Default, which shall specify the default, and specify that action be taken to cure the default, and specify that failure to take such action will result in the exercise of one or more of the remedies provided in this Agreement. If such default is not cured within ten (10) days after the receipt by the defaulting party of such Notice of Default, Operator (or the Non-Operator if the party in default) may suspend any or all of the rights of the defaulting party granted by this Agreement until the default is cured, without prejudice to the right of any non-defaulting party to continue to enforce the obligations of the defaulting party therefore accrued or thereafter accruing under this Agreement. If Operator is the party in default, the Non-Operators shall in addition have the right, by vote of Non-Operators owning majority in interest in the Contract Area after excluding the voting interest of Operator, to appoint a new Operator effective immediately. The rights of a defaulting party that may be suspended hereunder at the election of the non-defaulting parties shall include, without limitation, the right to receive information as to any operations conducted hereunder during
2. Suit for Damages. Operator (or the Non-Operators if Operator is the party in default) may sue to collect the amounts in default together with all documented, direct damages suffered by the non-defaulting parties as a result of the default, plus interest accruing on the amounts recovered from the date of default until the date of collection at the rate specified in Section 1.3 of the Accounting Procedure attached to this Operating Agreement as Exhibit "C."

3. Deemed Non-Consent. Operator (or the Non-Operators if Operator is the party in default) may deliver a written Notice of Non-Consent Election by certified mail, return receipt requested or by overnight delivery with tracking confirmation, to the defaulting party at any time after the expiration of the ten-day cure period following delivery of the Notice of Default, in which event if the billing is for installation of any Unit Facilities, undertaking a Horizontal Conversion, for the drilling of a new well or the plugging back, sidetracking, reworking or deepening of a well which is to be or has been plugged as a dry hole, or for the completion or recompletion of any well, the non-paying party will be conclusively deemed to have elected not to participate in all future operation and to be a Non-Consenting Party with respect thereto under Article VI.B, VI.C.1 (Option No. 2) or Article XVI.C to the extent of the costs unpaid by such party, notwithstanding any election to participate therefore made. If election is made to proceed under this provision, the non-defaulting party may not elect to sue for the unpaid amount pursuant to Article XVI.E.2. Until the delivery of such notice of Non-Consent Election to the non-paying party, such party shall have the right to cure its default by paying the unpaid billing plus interest at the rate set forth in Section 1.3 of the attached Accounting Procedure plus any costs or damages incurred by the non-defaulting parties as a result of the default. Any interest relinquished pursuant to this Article XVI.E.2 shall be offered by Operator (or the Non-Operators if Operator is the party in the defaulting party) to the non-defaulting parties in proportion to their interest.

4. Good-Faith Disputes. In the even a party disputes in good faith the existence of a default on his part that is the subject of a Notice of Default, such party may avoid the imposition of the remedies for such default contained in this agreement by paying the disputed amount into an account at a bank requiring the signatures of both such party and the Operator (or, if the Operator is the party in default, a Non-Operator designated by the Non-Operators) in order to release such funds. Such funds shall be released to the party entitled thereto upon the resolution of the issue raised by the objecting party.

5. Costs and Attorney’s Fees. In the event any party shall ever be required to bring legal proceedings in order to collect any sums due from any other party or any to enforce any other right under this agreement, then the prevailing party in such action shall also be entitled to recover all court costs, costs of collection, and a reasonable Attorney’s fee, which the lien provided for herein shall also secure.

6. Financing Statement. Upon request of Operator, the Non-Operators agree to execute a recordable financing statement sufficient and appropriate under the applicable state uniform codes or the Uniform Commercial Code, as applicable, to perfect a security interest by and between the parties hereto to the same degree and covering the same properties and rights as set forth in Article VIIB above.

G. Advance Payments and Defaults. In addition to the rights and obligations contained in Article VII.C., when the operations contemplated hereunder and set forth in an AFE involve the drilling of any well, Operator shall have the right to demand and receive from time to time from each Non-Operator payment in advance for their respective shares of the estimated amount of financial liability to be incurred during the drilling of such well as follows: a. If the proposed well is a vertical well or a directional vertical well (as contemplated by Article VI.C.1 (Option No. 2), each Non-Operator shall be required to fund its proportionate share of the total estimated cost to drill (or deepen) and test the well (collectively, “the Dry Hole Costs”), as such Dry Hole Costs are set forth in the AFE for such vertical or directional vertical well; and b. If the proposed well is for the installation of a Unit Facility, each Non-Operator shall be required to fund its proportionate share of the total estimated cost to install the Unit Facility as such costs are set forth in the AFE.

Except as otherwise provided in the last sentence of this Article XVI.F.1, if the advance payment is for the Costs of a vertical or directional vertical well, then the invoice for such advance payment shall not be issued more than sixty (60) days prior to the anticipated spud date for the applicable well. If the advance payment relates to a Unit Facility for which Operator elects to begin construction, then the invoice for such advance payment shall not be issued more than sixty (60) days prior to the date construction is scheduled to start. Once the amendment of the Unitization Order has occurred, the Operator will circulate an original Memorandum of Operating Agreement and Financing Statement (Exhibit "H") to all Participating Parties, and, once the Operator has used its best efforts to cause such Memorandum to be signed by all parties, the Operator shall have the Memorandum filed of record in the county in which the drilling unit is located. The Operator shall, in any event, sign and record the Memorandum in the county in which the drilling unit is located the week following the receipt of the amended Unitization Order. The Operator is precluded from making any advanced payment requests until such Memorandum is filed of record. Notwithstanding anything herein to the contrary, in addition to all other rights and remedies, if Operator does not receive Non-Operator’s payment of the relevant invoiced amount within fifteen (15) days after the delivery by Operator of such invoice, Operator may then notify the relevant Non-Operators by certified mail, return receipt requested, or by overnight delivery with tracking information, of the unpaid invoice. In the event such invoiced amount is not paid and delivered to Operator within ten (10) days of receipt of Operator’s above notice by certified mail, or such overnight delivery, then Operator may, at its election, regard such Non-Operator as a Non-consenting party and such party shall be subject to the non-consent provisions set forth in Article VI.B.2 and Article XVI.C. with respect to any such sums unpaid by said Non-Operator.

If at casing point of any vertical or directional well drilled hereunder, Operator elects to attempt completion of the well, or for any reworking, recompletion, deepening, sidetracking or other operations proposed pursuant to the terms of this agreement, Operator shall have the right to demand and receive from any Non-Operator, within fifteen (15) days of Non-Operator’s receipt of written demand, advance payment or security for payment (in a form solely acceptable to Operator) in the same manner and with the same results for failure to comply as hereinafore provided.

H. Services Performed by an Affiliate. Operator shall have the right (without the consent of the Non-Operators) to employ affiliates of Operator in connection with any of the operations conducted hereunder, so long as the rates charged by any such affiliate do not exceed the then current prevailing rates in the area for comparable equipment and/or services.

I. Gas Marketing. Every effort shall be made for all parties subject to this agreement to market their gas under the contract negotiated by the Operator. Furthermore, Operator shall offer each party subject to this Agreement the opportunity to market their gas under the contract negotiated by the Operator.

J. Collection from Purchaser. Notwithstanding anything heretofore to the contrary, it is mutually agreed that if the account of any non-operator becomes delinquent in excess of 45 days, the Operator has the right and authority to request the Purchaser to pay the Operator directly all funds thereafter attributable to the
interest of the non-operator until further notice.
IN WITNESS WHEREOF, this agreement shall be effective as of the __________ day of ________________.

who has prepared and circulated this form for execution, represents and warrants that the form was printed from and, with the exception(s) listed below, is identical to the AAPL Form 610-1989 Model Form Operating Agreement, as published in computerized form by Forms On-A-Disk, Inc. No changes, alterations, or modifications, other than those made by strikethrough and/or insertion and that are clearly recognizable as changes in Articles____ have been made to the form.

ATTEST OR WITNESS:

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ACKNOWLEDGMENTS

Note: The following forms of acknowledgment are the short forms approved by the Uniform Law on Notarial Acts.

The validity and effect of these forms in any state will depend upon the statutes of that state.

Individual acknowledgment:

State of ( )

( ) ss.

County of ( )

This instrument was acknowledged before me on

by

(Seal, if any)

(Title (and Rank))

My commission expires:

Acknowledgment in representative capacity:

State of ( )

( ) ss.

County of ( )

This instrument was acknowledged before me on

by (as)

of
EXHIBIT “A”

Attached to and made part of that certain Operating Agreement dated __________, 20__, by and between ____, as Operator, and ________, as Non-Operators.

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<th>Tract Participation Percentage</th>
<th>Lessee</th>
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<tr>
<td>16</td>
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<td>W. Creek</td>
<td>North one-half of the Southeast one-quarter (N 1/2 SE 1/4), Section 10, Township 15 South, Range 24 West</td>
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<tr>
<td>17</td>
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<td>Sunray Mid-Continent Oil Company</td>
<td>Community Powell</td>
<td>Northwest one-quarter (NW 1/4), Section 10, Township 15 South, Range 24 West</td>
</tr>
<tr>
<td>18</td>
<td>1.1173</td>
<td>Gene Goff</td>
<td>Darnall</td>
<td>Northeast one-quarter of the Northeast one-quarter (NE 1/4 NE 1/4), Section 9, Township 15 South, Range 24 West</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Company</td>
<td>Location</td>
<td>Description</td>
</tr>
<tr>
<td>---</td>
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<tr>
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<tr>
<td>20</td>
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<td>South one-half of the Northeast one-quarter (S 1/2 NE 1/4), Section 9, Township 15 South, Range 24 West</td>
</tr>
<tr>
<td>21</td>
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<td>L. Creek</td>
<td>Northwest one-quarter (NW 1/4), Section 9, Township 15 South, Range 24 West</td>
</tr>
</tbody>
</table>
PRODUCERS 86 PAID-UP (REV.)—ARKANSAS FORM NO. 357

OIL AND GAS LEASE
(Paid-up Lease-No Delay Rentals)

THIS AGREEMENT, made and entered into this day of , 20 by and between

 whose mailing address is hereinafter called Lessor (whether or not more), and hereinafter called Lessee:

 WITNESSETH: That Lessor, for and in consideration of Ten And More Dollars ($10.00 & more) and other good and valuable consideration in hand paid, receipt of which is hereby acknowledged, and of the agreements of Lessee hereinafter set forth, hereby grants, demises, leases and exclusively unto said Lessee, for the purpose of oil and gas, or other minerals, now existing, or hereafter found, exploring for, finding, developing, operating and producing oil, gas, or both, including, but not as a limitation, casinghead gas, casinghead gasline, gas-condensate (distillate) and any substance, whether similar or dissimilar, produced in a gaseous state, together with the right to construct and maintain pipe lines, telephone and electric lines, tanks, pumps, roads, platforms, roads, equipment, and structures thereon to produce, save and take care of said oil and gas, and the exclusive right to inject air, gas, water, brine and other fluids from any source into the subsurface strata and any and all other rights and privileges necessary, incident to, or convenient for the economical operation of said land, alone or conjointly with neighboring land, for the production, saving and taking care of oil and gas and the injection of water, gas, brine, and or any other fluid or fluids into the soil, said lands being situated in the County of State of Arkansas, and being described as follows, to-wit:

1st

of Section Township Range

shall continue in force so long as drilling operations are continuously prosecuted; and if production of oil or gas results from any such drilling operations, this lease shall continue in force so long as oil or gas be produced. If after the expiration of the primary term of this lease, production from the above described land should cease, this lease shall not terminate if Lessee is then prosecuting drilling operations, or within 120 days after each such cessation of production commences drilling operations, this lease shall continue in force so long as such operations are continuously prosecuted, and if production results therefrom, then as long thereafter as oil or gas is produced from the above described land.

In consideration of the premises, Lessee covenants and agrees:

1st

shall deliver, free of cost, to Lessor at the wells, or to the credit of Lessor in the pipeline to which the wells may be connected, the equal royalty of all oil and other liquid hydrocarbons produced and saved from the leased premises, or, at Lessee's option, to pay to Lessor for such oil and other liquid hydrocarbons the market price at the well for such oil and other liquid hydrocarbons of like grade and gravity prevailing on the day such oil and other liquid hydrocarbons are run from the lease.

2nd

shall pay Lessor of the proceeds from the sale of all gas at the well (including any gas sold after the expiration of each year for the production of gas after the expiration of the primary term hereof. Lessee shall use reasonable diligence to market gas or gas and gas-condensate capable of being produced from such well but shall be under no obligation in paying quantities and this lease will continue in force during all of the time or times while such well is so shut in, whether before or after the expiration of the primary term hereof. Lessee's recording a declaration of Pooling containing a description of the unit so created. Such pooling shall be effective on the date such declaration is filed unless a later effective date is specified in such declaration. In lieu of the royalties elsewhere herein specified, except shut-in gas well royalties, Lessor shall receive on production from an area so pooled only such portion of the royalties which, in the absence of such pooling, would be payable hereunder to Lessor on production from the land and interests pooled pursuant hereto. The commencement of a well, the conduct of other drilling operations, the completion of a well or of a dry hole, or the operation of a well shut in for any reason whatsoever, shall be deemed to have commenced the primary term immediately, and Lessor shall thereupon be relieved of all obligations thereafter to accrue under this lease.

Lessee shall be obligated to pay or tender to Lessor within 45 days after the expiration of each period of one year in length (annual period) during which such well is so shut in, as a royalty, an amount equal to $1.00 per acre for the acreage covered by this lease as to which the leasehold rights are, at the end of such annual period, owned by the Lessee making such payment; provided that, if Lessor owns less than the full and entire royalty interest in such acreage, such payments shall be such part (calculated on a royalty-acre basis) of the royalty that Lessee's interest in such acreage bears to the full and entire royalty interest in such acreage. If the leasehold rights are, at the expiration of such annual period, owned by an Affiliate ("Affiliate" being defined as having a ten percent (10%) common ownership), then the proceeds derived from the sale of all gas shall be a price no less than that received from any other purchaser within the governmental jurisdiction and range in which the lease is situated.

The consideration paid to Lessor for this lease includes consideration in lieu of delay rental provisions and the rights and obligations of the parties hereunder shall be the same as if this lease contained provisions for the payment of periodic delay rentals throughout the primary term hereof and each such delay rental had been timely paid and accepted by Lessor.

If a well capable of producing gas or gas and gas or gas-condensate in paying quantities located on the leased premises (or on acreage pooled or consolidated with all or a portion of the leased premises into a unit for the drilling or operation of such well) is at any time shut in and no gas or gas-condensate thenceforth is produced from the premises or for the manufacture of gas or other products, nevertheless such shut-in well shall be deemed to be a well on the leased premises producing gas in paying quantities and this lease will continue in force during all of the time or times while such well is so shut in, whether before or after the expiration of the primary term of this lease.

The royalty provided for in this lease shall be paid on a royalty-acre basis) of said amount as Lessor's royalty interest bears to the full and entire royalty interest in such acreage; and provided further that, if gas or gas-condensate is produced from any zone, formation or stratum, said lands being situated in the County of State of Arkansas, and being described as follows, to-wit:

Lessee's recording a declaration of Pooling containing a description of the unit so created. Such pooling shall be effective on the date such declaration is filed unless a later effective date is specified in such declaration. In lieu of the royalties elsewhere herein specified, except shut-in gas well royalties, Lessor shall receive on production from an area so pooled only such portion of the royalties which, in the absence of such pooling, would be payable hereunder to Lessor on production from the land and interests pooled pursuant hereto. The commencement of a well, the conduct of other drilling operations, the completion of a well or of a dry hole, or the operation of a well shut in for any reason whatsoever, shall be deemed to have commenced the primary term immediately, and Lessor shall thereupon be relieved of all obligations thereafter to accrue under this lease.
Lessee shall have the right to use, free of cost, gas, oil and water found on said land for its operation, except water from the wells of the Lessor. When required by the Lessor, the Lessee shall bury its pipelines below plow depth and shall pay reasonable damages for injury by reason of its operation to growing crops on said land. No well shall be drilled nearer than 200 feet to any house or barn or other structure on said premises as of the date of this Lease without the written consent of the Lessor. Lessee shall have the right at any time during, or after the expiration of this Lease to enter upon the property and to remove all machinery, fixtures, and other structures placed on said premises, including the right to draw and remove all casing, but the Lessee shall be under no obligation to do so.

Lessor hereby warrants and agrees to defend the title to the lands herein described, but if the interest of Lessor covered by this lease is expressly stated to be less than the entire fee or mineral estate, Lessor’s warranty shall be limited to the interest so stated. Lessee may purchase or lease the rights of any party claiming any interest in said land and exercise such rights as may be obtained thereby but lessee shall not suffer any forfeiture nor incur any liability to Lessor by reason thereof. Lessee shall have the right at any time to pay for Lessor, any mortgage, taxes or other lien on said lands, in the event of default of payment by Lessor, and be subrogated to the rights of the holder thereof, and any such payments made by Lessee for Lessor may be deducted from any amounts of money which may become due Lessor under this lease.

All express provisions and implied covenants of this lease shall be subject to all applicable laws, governmental orders, rules and regulations. This lease shall not be terminated in whole or in part, nor Lessee held liable in damages, because of a temporary cessation of production or of drilling operations due to breakdown of equipment or due to the repairing of a well or wells, or because of failure to comply with any of the express provisions or implied covenants of this lease if such failure is the result of the exercise of governmental authority, war, armed hostilities, lack of market, act of God, strike, civil disturbance, fire, explosion, flood or any other cause reasonably beyond the control of Lessee.

This lease and all provisions thereof shall be applicable to and binding upon the parties and their respective successors and assigns. Reference herein to Lessor and Lessee shall include reference to their respective successors and assigns. Should any one or more of the parties named above as Lessors not execute this lease, it shall nevertheless be binding upon the party or parties executing the same.

Each husband/wife above named hereby joins in the execution and delivery of this lease for the purpose of conveying, releasing and relinquishing unto Lessee, for the purposes and consideration aforesaid, all of his/her right, title, interest and estate in said land, including any rights of dower/curtesy and homestead which he/she may have therein.

IN WITNESS WHEREOF, this lease is executed as of the day and year first above written.

ACKNOWLEDGEMENT

STATE OF ____________________________
COUNTY OF ____________________________

On this ______ day of ______________, 2010, before me the undersigned Notary Public in and for said County and State, personally appeared ______ known to me to be the persons whose names are subscribed to the foregoing instrument and acknowledged that they executed the same as their free and voluntary act and deed for the purposes and consideration therein mentioned and set forth.

IN WITNESS WHEREOF I have hereunto set my hand and official seal.

Commission Expiration Date ____________________________ Notary Public ____________________________

ACKNOWLEDGEMENT

STATE OF ____________________________
COUNTY OF ____________________________

On this ______ day of ______________, 20____, before me the undersigned Notary Public in and for said County and State, personally appeared ______ known to me to be the persons whose names are subscribed to the foregoing instrument and acknowledged that they executed the same as their free and voluntary act and deed for the purposes and consideration therein mentioned and set forth.

IN WITNESS WHEREOF I have hereunto set my hand and official seal.

Commission Expiration Date ____________________________ Notary Public ____________________________
CERTIFICATE OF RECORDING

STATE OF ______________________
COUNTY OF ____________________

This instrument was filed for record on the ___ of ____________________, 2010, at ______ o'clock _______.

and recorded in Book ______ at Page ______ of the records of this office.

By ____________________________

Clerk of the Circuit Court and Ex Officio Recorder

Deputy

AFTER RECORDING RETURN TO: ____________________________

This Instrument Prepared By ____________________________ of ____________________________.
I. GENERAL PROVISIONS – ACCOUNTING PROCEDURE

IF THE PARTIES FAIL TO SELECT EITHER ONE OF COMPETING “ALTERNATIVE” PROVISIONS, OR SELECT ALL THE COMPETING “ALTERNATIVE” PROVISIONS, ALTERNATIVE 1 IN EACH SUCH INSTANCE SHALL BE DEEMED TO HAVE BEEN ADOPTED BY THE PARTIES AS A RESULT OF ANY SUCH OMISSION OR DUPLICATE NOTATION.

IN THE EVENT THAT ANY “OPTIONAL” PROVISION OF THIS ACCOUNTING PROCEDURE IS NOT ADOPTED BY THE PARTIES TO THE AGREEMENT BY A TYPED, PRINTED OR HANDWRITTEN INDICATION, SUCH PROVISION SHALL NOT FORM A PART OF THIS ACCOUNTING PROCEDURE, AND NO INFERENCE SHALL BE MADE CONCERNING THE INTENT OF THE PARTIES IN SUCH EVENT.

1. DEFINITIONS

All terms used in this Accounting Procedure shall have the following meaning, unless otherwise expressly defined in the Agreement:

“Affiliate” means for a person, another person that controls, is controlled by, or is under common control with that person. In this definition, (a) control means the ownership by one person, directly or indirectly, of more than fifty percent (50%) of the voting securities of a corporation or, for other persons, the equivalent ownership interest (such as partnership interests), and (b) “person” means an individual, corporation, partnership, trust, estate, unincorporated organization, association, or other legal entity.

“Agreement” means the operating agreement, farmout agreement, or other contract between the Parties to which this Accounting Procedure is attached.

“Controllable Material” means Material that, at the time of acquisition or disposition by the Joint Account, as applicable, is so classified in the Material Classification Manual most recently recommended by the Council of Petroleum Accountants Societies (COPAS).

“Equalized Freight” means the procedure of charging transportation cost to the Joint Account based upon the distance from the nearest Railway Receiving Point to the property.

“Excluded Amount” means a specified excluded trucking amount most recently recommended by COPAS.

“Field Office” means a structure, or portion of a structure, whether a temporary or permanent installation, the primary function of which is to directly serve daily operation and maintenance activities of the Joint Property and which serves as a staging area for directly chargeable field personnel.

“First Level Supervision” means those employees whose primary function in Joint Operations is the direct oversight of the Operator’s field employees and/or contract labor directly employed On-site in a field operating capacity. First Level Supervision functions may include, but are not limited to:

- Responsibility for field employees and contract labor engaged in activities that can include field operations, maintenance, construction, well remedial work, equipment movement and drilling
- Responsibility for day-to-day direct oversight of rig operations
- Responsibility for day-to-day direct oversight of construction operations
- Coordination of job priorities and approval of work procedures
- Responsibility for optimal resource utilization (equipment, Materials, personnel)
- Responsibility for meeting production and field operating expense targets
- Representation of the Parties in local matters involving community, vendors, regulatory agents and landowners, as an incidental part of the supervisor’s operating responsibilities
- Responsibility for all emergency responses with field staff
- Responsibility for implementing safety and environmental practices
- Responsibility for field adherence to company policy
- Responsibility for employment decisions and performance appraisals for field personnel
- Oversight of sub-groups for field functions such as electrical, safety, environmental, telecommunications, which may have group or team leaders.

“Joint Account” means the account showing the charges paid and credits received in the conduct of the Joint Operations that are to be shared by the Parties, but does not include proceeds attributable to hydrocarbons and by-products produced under the Agreement.

“Joint Operations” means all operations necessary or proper for the exploration, appraisal, development, production, protection, maintenance, repair, abandonment, and restoration of the Joint Property.

“Joint Property” means the real and personal property subject to the Agreement.
2. The Operator may make available to Non-Operators any statements and bills required under Section I.2 and/or Section I.3.A Non-Operator that the statement or billing is available on the website and/or sent via email or electronic data interchange (transmission. Each Non-Operator individually shall elect to receive statements and billings electronically, if available from the Operator.

The Operator shall bill Non-Operators on or before the last day of the month for their proportionate share of the Joint charges and credits shall be separately and clearly identified.

Material may be summarized by major Material classifications. Intangible drilling costs, audit adjustments, and unusual Controllable Material shall be separately identified and fully described in detail, or at the Operator's option, Controllable Material may be summarized by major Material classifications. Intangible drilling costs, audit adjustments, and unusual Controllable Material shall be separately and clearly identified.

2. STATEMENTS AND BILLINGS

The Operator shall bill Non-Operators on or before the last day of the month for their proportionate share of the Joint Account for the preceding month. Such bills shall be accompanied by statements that identify the AFE (authority for expenditure), lease or facility, and all charges and credits summarized by appropriate categories of investment and expense. The Operator shall adjust each monthly billing to reflect advances received from the Non-Operators for such advances and credits shall be separately and clearly identified.

The Operator may make available to Non-Operators any statements and bills required under Section I.2 and/or Section I.3.A (Advances and Payments by the Parties) via email, electronic data interchange, internet websites or other equivalent electronic media in lieu of paper copies. The Operator shall provide the Non-Operators instructions and any necessary information to access and receive the statements and bills within the timeframes specified herein. The Operator may later. The Operator shall adjust each monthly billing to reflect advances received from the Non-Operators for such

3. ADVANCES AND PAYMENTS BY THE PARTIES

A. Unless otherwise provided for in the Agreement, the Operator may require the Non-Operators to advance their share of the estimated cash outlay for the succeeding quarter's month's operations within fifteen (15) days after receipt of the advance request or by the first day of the month for which the advance is required, whichever is later. The Operator shall adjust each monthly billing to reflect advances received from the Non-Operators for such
month. If a refund is due, the Operator shall apply the amount to be refunded to the subsequent month’s billing or advance, unless the Non-Operator sends the Operator a written request for a cash refund. The Operator shall remit the refund to the Non-Operator within fifteen (15) days of receipt of such written request.

B. Except as provided below, each Party shall pay its proportionate share of all bills in full within fifteen (15) days of receipt date. If payment is not made within such time, the unpaid balance shall bear interest compounded monthly at the prime rate published by the Wall Street Journal on the first day of each month the payment is delinquent, plus three percent (3%), per annum, or the maximum contract rate permitted by the applicable usury Laws governing the Joint Property, whichever is the lesser, plus attorney’s fees, court costs, and other costs in connection with the collection of unpaid amounts. If the Wall Street Journal ceases to be published or discontinues publishing a prime rate, the unpaid balance shall bear interest compounded monthly at the prime rate published by the Federal Reserve plus three percent (3%) per annum. Interest shall begin accruing on the first day of the month in which the payment was due. Payment shall not be reduced or delayed as a result of inquiries or anticipated credits unless the Operator has agreed. Operator may, at its discretion, choose to substitute other penalties described elsewhere in this Agreement for failure to pay bills within the fifteen (15) days’ time frame described above. Notwithstanding the foregoing, the Non-Operator may reduce payment, provided it furnishes documentation and explanation to the Operator at the time payment is made, to the extent such reduction is caused by:

1. being billed at an incorrect working interest or Participating Interest that is higher than such Non-Operator’s actual working interest or Participating Interest, as applicable; or
2. being billed for a project or AFE requiring approval of the Parties under the Agreement that the Non-Operator has not approved or is not otherwise obligated to pay under the Agreement; or
3. being billed for a property in which the Non-Operator no longer owns a working interest, provided the Non-Operator has furnished the Operator a copy of the recorded assignment or letter in-lieu. Notwithstanding the foregoing, the Non-Operator shall remain responsible for paying bills attributable to the interest it sold or transferred for any bills rendered during the thirty (30) day period following the Operator’s receipt of such written notice; or
4. charges outside the adjustment period, as provided in Section I.4 (Adjustments).

4. ADJUSTMENTS

A. Payment of any such bills shall not prejudice the right of any Party to protest or question the correctness thereof; however, all bills and statements, including payout statements, rendered during any calendar year shall conclusively be presumed to be true and correct, with respect only to expenditures, after twenty-four (24) months following the end of any such calendar year, unless within said period a Party takes specific detailed written exception thereto making a claim for adjustment. The Operator shall provide a response to all written exceptions, whether or not contained in an audit report, within the time periods prescribed in Section I.5 (Expenditure Audits).

B. All adjustments initiated by the Operator, except those described in items (1) through (4) of this Section I.4.B, are limited to the twenty-four (24) month period following the end of the calendar year in which the original charge appeared or should have appeared on the Operator’s Joint Account statement or payout statement. Adjustments that may be made beyond the twenty-four (24) month period are limited to adjustments resulting from the following:

1. a physical inventory of Controllable Material as provided for in Section V (Inventories of Controllable Material), or
2. an offsetting entry (whether in whole or in part) that is the direct result of a specific joint interest audit exception granted by the Operator relating to another property, or
3. a government/regulatory audit, or
4. a working interest ownership or Participating Interest adjustment.

5. EXPENDITURE AUDITS

A. A Non-Operator, upon written notice to the Operator and all other Non-Operators, shall have the right to audit the Operator’s accounts and records relating to the Joint Account within the twenty- four (24) month period following the end of such calendar year in which such bill was rendered; however, conducting an audit shall not extend the time for the taking of written exception to and the adjustment of accounts as provided for in Section I.4 (Adjustments). Any Party that is subject to payout accounting under the Agreement shall have the right to audit the accounts and records of the Operator responsible for preparing the payout statements, or of the Party furnishing information to the Party responsible for preparing payout statements. Audits of payout accounts may include the volumes of hydrocarbons produced and saved and proceeds received for such hydrocarbons as they pertain to payout accounting required under the Agreement. Unless otherwise provided in the Agreement, audits of a payout account shall be conducted within the twenty-four (24) month period following the end of the calendar year in which the payout statement was rendered.

Where there are two or more Non-Operators, the Non-Operators shall make every reasonable effort to conduct a joint audit in a manner that will result in a minimum of inconvenience to the Operator. The Operator shall bear no portion of the Non-Operators’ audit cost incurred under this paragraph unless agreed to by the Operator. The audits shall not be conducted more than once each year without prior approval of the Operator, except upon the resignation or removal of the Operator, and shall be made at the expense of those Non-Operators approving such audit.

The Non-Operator leading the audit (hereinafter “lead audit company”) shall issue the audit report within ninety (90) days after completion of the audit testing and analysis; however, the ninety (90) day time period shall not extend the twenty-four (24) month requirement for taking specific detailed written exception as required in Section I.4.A (Adjustments) above. All claims shall be supported with sufficient documentation.

A timely filed written exception or audit report containing written exceptions (hereinafter “written exceptions”) shall, with respect to the claims made therein, preclude the Operator from asserting a statute of limitations defense against
such claims, and the Operator hereby waives its right to assert any statute of limitations defense against such claims for so long as any Non-Operator continues to comply with the deadlines for resolving exceptions provided in this Accounting Procedure. If the Non-Operators fail to comply with the additional deadlines in Section I.5.B or I.5.C, the Operator's waiver of its rights to assert a statute of limitations defense against the claims brought by the Non-Operators shall lapse, and such claims shall then be subject to the applicable statute of limitations; provided that such waiver shall not lapse in the event that the Operator has failed to comply with the deadlines in Section I.5.B or I.5.C.

B. The Operator shall provide a written response to all exceptions in an audit report within one hundred eighty (180) days after Operator receives such report. Denied exceptions should be accompanied by a substantive response. If the Operator fails to provide substantive response to an exception within this one hundred eighty (180) day period, the Operator will owe interest on that exception or portion thereof, if ultimately granted, from the date it received the audit report. Interest shall be calculated using the rate set forth in Section I.3.B (Advances and Payments by the Parties).

C. The lead audit company shall reply to the Operator's response to an audit report within ninety (90) days of receipt, and the Operator shall reply to the lead audit company's follow-up response within ninety (90) days of receipt; provided, however, each Non-Operator shall have the right to represent itself if it disagrees with the lead audit company's position or believes the lead audit company is not adequately fulfilling its duties. Unless otherwise provided for in Section I.5.E, if the Operator fails to provide substantive response to an exception within this ninety (90) day period, the Operator will owe interest on that exception or portion thereof, if ultimately granted, from the date it received the audit report. Interest shall be calculated using the rate set forth in Section I.3.B (Advances and Payments by the Parties).

D. If any Party fails to meet the deadlines in Sections I.5.B or I.5.C or if any audit issues are outstanding fifteen (15) months after Operator receives the audit report, the Operator or any Non-Operator participating in the audit has the right to call a resolution meeting, as set forth in this Section I.5.D or it may invoke the dispute resolution procedures included in the Agreement, if applicable. The meeting will require one month's written notice to the Operator and all Non-Operators participating in the audit. The meeting shall be held at the Operator's office or mutually agreed location, and shall be attended by representatives of the Parties with authority to resolve such outstanding issues. Any Party who fails to attend the resolution meeting shall be bound by any resolution reached at the meeting. The lead audit company will make good faith efforts to coordinate the response and positions of the Non-Operator participants throughout the resolution process; however, each Non-Operator shall have the right to represent itself. Attendees will make good faith efforts to resolve outstanding issues, and each Party will be required to present substantive information supporting its position. A resolution meeting may be held as often as agreed to by the Parties. Issues unresolved at one meeting may be discussed at subsequent meetings until each such issue is resolved.

If the Agreement contains no dispute resolution procedures and the audit issues cannot be resolved by negotiation, the dispute shall be submitted to mediation. In such event, promptly following one Party's written request for mediation, the Parties to the dispute shall choose a mutually acceptable mediator and share the costs of mediation services equally. The Parties shall each have present at the mediation at least one individual who has the authority to settle the dispute. The Parties shall make reasonable efforts to ensure that the mediation commences within sixty (60) days of the date of the mediation request. Notwithstanding the above, any Party may file a lawsuit or complaint (1) if the Parties are unable after reasonable efforts, to commence mediation within sixty (60) days of the date of the mediation request, (2) for statute of limitations reasons, or (3) to seek a preliminary injunction or other provisional judicial relief, if in its sole judgment an injunction or other provisional relief is necessary to avoid irreparable damage or to preserve the status quo. Despite such action, the Parties shall continue to try to resolve the dispute by mediation.

E. (Optional Provision – Forfeiture Penalties)

If the Non-Operators fail to meet the deadline in Section I.5.C, any unresolved exceptions that were not addressed by the Non-Operators within one (1) year following receipt of the last substantive response of the Operator shall be deemed to have been withdrawn by the Non-Operators. If the Operator fails to meet the deadlines in Section I.5.B or I.5.C, any unresolved exceptions that were not addressed by the Operator within one (1) year following receipt of the audit report or receipt of the last substantive response of the Non-Operators, whichever is later, shall be deemed to have been granted by the Operator and adjustments shall be made, without interest, to the Joint Account.

6. APPROVAL BY PARTIES

A. General Matters

Where an approval or other agreement of the Parties or Non-Operators is expressly required under other Sections of this Accounting Procedure and if the Agreement to which this Accounting Procedure is attached contains no contrary provisions in regard thereto, the Operator shall notify all Non-Operators of the Operator's proposal and the agreement or approval of a majority in interest of the Non-Operators shall be controlling on all Non-Operators.

This Section I.6.A applies to specific situations of limited duration where a Party proposes to change the accounting for charges from that prescribed in this Accounting Procedure. This provision does not apply to amendments to this Accounting Procedure, which are covered by Section I.6.B.

B. Amendments

If the Agreement to which this Accounting Procedure is attached contains no contrary provisions in regard thereto, this Accounting Procedure can be amended by an affirmative vote of two (2) or more Parties, one of which
is the Operator, having a combined working interest of at least seventy-five percent (75%), which approval shall be binding on all Parties, provided, however, approval of at least one (1) Non-Operator shall be required.

C. Affiliates

For the purpose of administering the voting procedures of Sections I.6.A and I.6.B, if Parties to this Agreement are Affiliates of each other, then such Affiliates shall be combined and treated as a single Party having the combined working interest or Participating Interest of such Affiliates.

For the purposes of administering the voting procedures in Section I.6.A, if a Non-Operator is an Affiliate of the Operator, votes under Section I.6.A shall require the majority in interest of the Non-Operator(s) after excluding the interest of the Operator’s Affiliate.

II. DIRECT CHARGES

The Operator shall charge the Joint Account with the following items:

1. RENTALS AND ROYALTIES

Lease rentals and royalties paid by the Operator, on behalf of all Parties, for the Joint Operations.

2. LABOR

A. Salaries and wages, including incentive compensation programs as set forth in COPAS MFI-37 (“Chargeability of Incentive Compensation Programs”), for:

(1) Operator’s field employees directly employed On-site in the conduct of Joint Operations,

(2) Operator’s employees directly employed on Shore Base Facilities, Offshore Facilities, or other facilities serving the Joint Property if such costs are not charged under Section II.6 (Equipment and Facilities Furnished by Operator) or are not a function covered under Section III (Overhead),

(3) Operator’s employees providing First Level Supervision,

(4) Operator’s employees providing On-site Technical Services for the Joint Property if such charges are excluded from the overhead rates in Section III (Overhead),

(5) Operator’s employees providing Off-site Technical Services for the Joint Property if such charges are excluded from the overhead rates in Section III (Overhead).

Charges for the Operator’s employees identified in Section II.2.A may be made based on the employee’s actual salaries and wages, or in lieu thereof, a day rate representing the Operator’s average salaries and wages of the employee’s specific job category.

Charges for personnel chargeable under this Section II.2.A who are foreign nationals shall not exceed comparable compensation paid to an equivalent U.S. employee pursuant to this Section II.2, unless otherwise approved by the Parties pursuant to Section I.6.A (General Matters).

B. Operator’s cost of holiday, vacation, sickness, and disability benefits and other customary allowances paid to employees whose salaries and wages are chargeable to the Joint Account under Section II.2.A, excluding severance payments or other termination allowances. Such costs under this Section II.2.B may be charged on a “when and as-paid basis” or by “percentage assessment” on the amount of salaries and wages chargeable to the Joint Account under Section II.2.A. If percentage assessment is used, the rate shall be based on the Operator’s cost experience.

C. Expenditures or contributions made pursuant to assessments imposed by governmental authority that are applicable to costs chargeable to the Joint Account under Sections II.2.A and B.

D. Personal Expenses of personnel whose salaries and wages are chargeable to the Joint Account under Section II.2.A when the expenses are incurred in connection with directly chargeable activities.

E. Reasonable relocation costs incurred in transferring to the Joint Property personnel whose salaries and wages are chargeable to the Joint Account under Section II.2.A. Notwithstanding the foregoing, relocation costs that result from reorganization or merger of a Party, or that are for the primary benefit of the Operator, shall not be chargeable to the Joint Account. Extraordinary relocation costs, such as those incurred as a result of transfers from remote locations, such as Alaska or overseas, shall not be charged to the Joint Account unless approved by the Parties pursuant to Section I.6.A (General Matters).

F. Training costs as specified in COPAS MFI-35 (“Charging of Training Costs to the Joint Account”) for personnel whose salaries and wages are chargeable under Section II.2.A. This training charge shall include the wages, salaries, training course cost, and Personal Expenses incurred during the training session. The training cost shall be charged or allocated to the property or properties directly benefiting from the training. The cost of the training course shall not exceed prevailing commercial rates, where such rates are available.

G. Operator’s current cost of established plans for employee benefits, as described in COPAS MFI-27 (“Employee
H. Award payments to employees, in accordance with COPAS MFI-49 (“Awards to Employees and Contractors”) for personnel whose salaries and wages are chargeable under Section II.2.A.

3. MATERIAL

Material purchased or furnished by the Operator for use on the Joint Property in the conduct of Joint Operations as provided under Section IV (Material Purchases, Transfers, and Dispositions). Only such Material shall be purchased for or transferred to the Joint Property as may be required for immediate use or is reasonably practical and consistent with efficient and economical operations. The accumulation of surplus stocks shall be avoided.

4. TRANSPORTATION

A. Transportation of the Operator’s, Operator’s Affiliate’s, or contractor’s personnel necessary for Joint Operations.

B. Transportation of Material between the Joint Property and another property, or from the Operator’s warehouse or other storage point to the Joint Property, shall be charged to the receiving property using one of the methods listed below. Transportation of Material from the Joint Property to the Operator’s warehouse or other storage point shall be paid for by the Joint Property using one of the methods listed below:

   (1) If the actual trucking charge is less than or equal to the Excluded Amount the Operator may charge actual trucking cost or a theoretical charge from the Railway Receiving Point to the Joint Property. The basis for the theoretical charge is the per hundred weight charge plus fuel surcharges from the Railway Receiving Point to the Joint Property. The Operator shall consistently apply the selected alternative.

   (2) If the actual trucking charge is greater than the Excluded Amount, the Operator shall charge Equalized Freight. Accessorial charges such as loading and unloading costs, split pick-up costs, detention, call out charges, and permit fees shall be charged directly to the Joint Property and shall not be included when calculating the Equalized Freight.

5. SERVICES

The cost of contract services, equipment, and utilities used in the conduct of Joint Operations, except for contract services, equipment, and utilities covered by Section III (Overhead), or Section II.7 (Affiliates), or excluded under Section II.9 (Legal Expense). Awards paid to contractors shall be chargeable pursuant to COPAS MFI-49 (“Awards to Employees and Contractors”).

The costs of third party Technical Services are chargeable to the extent excluded from the overhead rates under Section III (Overhead).

6. EQUIPMENT AND FACILITIES FURNISHED BY OPERATOR

In the absence of a separately negotiated agreement, equipment and facilities furnished by the Operator will be charged as follows:

A. The Operator shall charge the Joint Account for use of Operator-owned equipment and facilities, including but not limited to production facilities, Shore Base Facilities, Offshore Facilities, and Field Offices, at rates commensurate with the costs of ownership and operation. The cost of Field Offices shall be chargeable to the extent the Field Offices provide direct service to personnel who are chargeable pursuant to Section II.2.A (Labor). Such rates may include labor, maintenance, repairs, other operating expense, insurance, taxes, depreciation using straight line depreciation method, and interest on gross investment less accumulated depreciation not to exceed twelve percent (12%) per annum; provided, however, depreciation shall not be charged when the equipment and facilities investment have been fully depreciated. The rate may include an element of the estimated cost for abandonment, reclamation, and dismantlement. Such rates shall not exceed the average commercial rates currently prevailing in the immediate area of the Joint Property.

B. In lieu of charges in Section II.6.A above, the Operator may elect to use average commercial rates prevailing in the immediate area of the Joint Property, less twenty percent (20%). If equipment and facilities are charged under this Section II.6.B, the Operator shall adequately document and support commercial rates and shall periodically review and update the rate and the supporting documentation. For automotive equipment, the Operator may elect to use rates published by the Petroleum Motor Transport Association (PMTA) or such other organization recognized by COPAS as the official source of rates.

7. AFFILIATES

A. Charges for an Affiliate’s goods and/or services used in operations requiring an AFE or other authorization from the Non-Operators may be made without the approval of the Parties provided (i) the Affiliate is identified and the Affiliate goods and services are specifically detailed in the approved AFE or other authorization, and (ii) the total costs for such Affiliate’s goods and services billed to such individual project do not exceed $ . If the total costs for an Affiliate’s goods and services charged to such individual project are not specifically detailed in the approved AFE or authorization, or exceed such amount, charges for such Affiliate shall require approval of the Parties pursuant to Section I.6.A (General Matters).

B. For an Affiliate’s goods and/or services used in operations not requiring an AFE or other authorization—
The cost of the Affiliate’s goods or services shall not exceed average commercial rates prevailing in the area of the Joint Property, unless the Operator obtains the Non-Operators’ approval of such rates. The Operator shall adequately document and support commercial rates and shall periodically review and update the rate and the supporting documentation; provided however, documentation of commercial rates shall not be required if the Operator obtains Non-Operator approval of its Affiliate’s rates or charges prior to billing Non-Operators for such Affiliates goods and services. Notwithstanding the foregoing, direct charges for Affiliate-owned communication facilities or systems shall be made pursuant to Section II.12 (Communications).

If the Parties fail to designate an amount in Sections II.7.A or II.7.B, in each instance the amount deemed adopted by the Parties as a result of such omission shall be the amount established as the Operator’s expenditure limitation in the Agreement. If the Agreement does not contain an Operator’s expenditure limitation, the amount deemed adopted by the Parties as a result of such omission shall be zero dollars ($0.00).

8. DAMAGES AND LOSSES TO JOINT PROPERTY

All costs or expenses necessary for the repair or replacement of Joint Property resulting from damages or losses incurred, except to the extent such damages or losses result from a Party’s or Parties’ gross negligence or willful misconduct, in which case such Party or Parties shall be solely liable.

The Operator shall furnish the Non-Operator written notice of damages or losses incurred as soon as practicable after a report has been received by the Operator.

9. LEGAL EXPENSE

Recording fees and costs of handling, settling, or otherwise discharging litigation, claims, title and regulatory work and liens incurred in or resulting from operations under the Agreement, or necessary to protect or recover the Joint Property, to the extent permitted under the Agreement. Costs of the Operator’s or Affiliate’s legal staff or outside attorneys, including fees and expenses, are not chargeable unless approved by the Parties pursuant to Section I.6.A (General Matters) or otherwise provided for in the Agreement. Such services directly benefit the Joint Account and would otherwise be provided by outside counsel and such charges for operator’s legal staff do not exceed the rates paid for outside attorneys.

Notwithstanding the foregoing paragraph, costs for procuring abstracts, fees paid to outside attorneys for title examinations (including preliminary, supplemental, shut-in royalty opinions, division order title opinions), and curative work shall be chargeable to the extent permitted as a direct charge in the Agreement.

10. TAXES AND PERMITS

All taxes and permitting fees of every kind and nature, assessed or levied upon or in connection with the Joint Property, or the production therefrom, and which have been paid by the Operator for the benefit of the Parties, including penalties and interest, except to the extent the penalties and interest result from the Operator’s gross negligence or willful misconduct.

If ad valorem taxes paid by the Operator are based in whole or in part upon separate valuations of each Party’s working interest, then notwithstanding any contrary provisions, the charges to the Parties will be made in accordance with the tax value generated by each Party’s working interest.

Costs of tax consultants or advisors, the Operator’s employees, or Operator’s Affiliate employees in matters regarding ad valorem or other tax matters, are not permitted as direct charges unless approved by the Parties pursuant to Section I.6.A (General Matters).

Charges to the Joint Account resulting from sales/use tax audits, including extrapolated amounts and penalties and interest, are permitted, provided the Non-Operator shall be allowed to review the invoices and other underlying source documents which served as the basis for tax charges and to determine that the correct amount of taxes were charged to the Joint Account. If the Non-Operator is not permitted to review such documentation, the sales/use tax amount shall not be directly charged unless the Operator can conclusively document the amount owed by the Joint Account.

11. INSURANCE

Net premiums paid for insurance required to be carried for Joint Operations for the protection of the Parties. If Joint Operations are conducted at locations where the Operator acts as self-insurer in regard to its worker’s compensation and employer’s liability insurance obligation, the Operator shall charge the Joint Account manual rates for the risk assumed in its self-insurance program as regulated by the jurisdiction governing the Joint Property. If the case of offshore operations in federal waters, the manual rates of the adjacent state shall be used for personnel performing work offshore, and such rates shall be adjusted for offshore operations by the U.S. Longshoreman and Harbor Workers (USL&H) or Jones Act surcharge, as appropriate.

12. COMMUNICATIONS

Costs of acquiring, leasing, installing, operating, repairing, and maintaining communication facilities or systems, including satellite, radio and microwave facilities, between the Joint Property and the Operator’s office(s) directly
responsible for field operations in accordance with the provisions of COPAS MFL-4A (“Field Computer and Communication Systems”). If the communications facilities or systems serving the Joint Property are Operator-owned, charges to the Joint Account shall be made as provided in Section II.6 (Equipment and Facilities Furnished by Operator). If the communication facilities or systems serving the Joint Property are owned by the Operator’s Affiliate, charges to the Joint Account shall not exceed average commercial rates prevailing in the area of the Joint Property. The Operator shall adequately document and support commercial rates and shall periodically review and update the rate and the supporting documentation.

13. ECOLOGICAL, ENVIRONMENTAL, AND SAFETY

Costs incurred for Technical Services and drafting to comply with ecological, environmental and safety Laws or standards recommended by Occupational Safety and Health Administration (OSHA) or other regulatory authorities. All other labor and functions incurred for ecological, environmental and safety matters, including management, administration, and permitting, shall be covered by Sections II.2 (Labor), II.5 (Services), or Section III (Overhead), as applicable.

Costs to provide or have available pollution containment and removal equipment plus actual costs of control and cleanup and resulting responsibilities of oil and other spills as well as discharges from permitted outfalls as required by applicable Laws, or other pollution containment and removal equipment deemed appropriate by the Operator for prudent operations, are directly chargeable.

14. ABANDONMENT AND RECLAMATION

Costs incurred for abandonment and reclamation of the Joint Property, including costs required by lease agreements or by Laws.

15. OTHER EXPENDITURES

Any other expenditure not covered or dealt with in the foregoing provisions of this Section II (Direct Charges), or in Section III (Overhead) and which is of direct benefit to the Joint Property and is incurred by the Operator in the necessary and proper conduct of the Joint Operations. Charges made under this Section II.15 shall require approval of the Parties, pursuant to Section I.6.A (General Matters).

III. OVERHEAD

As compensation for costs not specifically identified as chargeable to the Joint Account pursuant to Section II (Direct Charges), the Operator shall charge the Joint Account in accordance with this Section III.

Functions included in the overhead rates regardless of whether performed by the Operator, Operator’s Affiliates or third parties and regardless of location, shall include, but not be limited to, costs and expenses of:

- warehousing, other than for warehouses that are jointly owned under this Agreement
- design and drafting (except when allowed as a direct charge under Sections II.13, III.1.A(ii), and II.2, Option B)
- inventory costs not chargeable under Section V (Inventories of Controllable Material)
- procurement
- administration
- accounting and auditing
- gas dispatching and gas chart integration
- human resources
- management
- supervision not directly charged under Section II.2 (Labor)
- legal services not directly chargeable under Section II.9 (Legal Expense)
- taxation, other than those costs identified as directly chargeable under Section II.10 (Taxes and Permits)
- preparation and monitoring of permits and certifications; preparing regulatory reports; appearances before or meetings with governmental agencies or other authorities having jurisdiction over the Joint Property, other than On-site inspections; reviewing, interpreting, or submitting comments on or lobbying with respect to Laws or proposed Laws.

Overhead charges shall include the salaries or wages plus applicable payroll burdens, benefits, and Personal Expenses of personnel performing overhead functions, as well as office and other related expenses of overhead functions.

1. OVERHEAD—DRILLING AND PRODUCING OPERATIONS

As compensation for costs incurred but not chargeable under Section II (Direct Charges) and not covered by other provisions of this Section III, the Operator shall charge on either:

- 0 (Alternative 1) Fixed Rate Basis, Section III.1.B.
- (Alternative 2) Percentage Basis, Section III.1.C.

A. Technical Services

(i) Except as otherwise provided in Section II.13 (Ecological Environmental, and Safety) and Section III.2 (Overhead – Major Construction and Catastrophe), or by approval of the Parties pursuant to Section I.6.A (General Matters), the salaries, wages, related payroll burdens and benefits, and Personal Expenses for On-site Technical Services, including third party Technical Services:
(Alternative 1 – Direct) shall be charged direct to the Joint Account.

(Alternative 2 – Overhead) shall be covered by the overhead rates.

(ii) Except as otherwise provided in Section II.13 (Ecological, Environmental, and Safety) and Section III.2 (Overhead – Major Construction and Catastrophe), or by approval of the Parties pursuant to Section I.6.A (General Matters), the salaries, wages, related payroll burdens and benefits, and Personal Expenses for Off-site Technical Services, including third party Technical Services:

O (Alternative 1 – All Overhead) shall be covered by the overhead rates.

(Alternative 2 – All Direct) shall be charged direct to the Joint Account.

(Alternative 3 – Drilling Direct) shall be charged direct to the Joint Account, only to the extent such Technical Services are directly attributable to drilling, redrilling, deepening, or sidetracking operations, through completion, temporary abandonment, or abandonment if a dry hole. Off-site Technical Services for all other operations, including workover, recompletion, abandonment of producing wells, and the construction or expansion of fixed assets not covered by Section III.2 (Overhead - Major Construction and Catastrophe) shall be covered by the overhead rates.

Notwithstanding anything to the contrary in this Section III, Technical Services provided by Operator’s Affiliates are subject to limitations set forth in Section II.7 (Affiliates). Charges for Technical personnel performing non-technical work shall not be governed by this Section III.1.A, but instead governed by other provisions of this Accounting Procedure relating to the type of work being performed.

B. Overhead—Fixed Rate Basis

(1) The Operator shall charge the Joint Account at the following rates per well, including both injection wells and production wells, per month: Drilling Well Rate per month $11,500 (prorated for less than a full month) Producing/Injecting Well Rate per month $1,100

(2) Application of Overhead—Drilling Well Rate shall be as follows:

(a) Charges for onshore drilling wells shall begin on the spud date and terminate on the date the drilling and/or completion equipment used on the well is released, whichever occurs later. Charges for offshore and inland waters drilling wells shall begin on the date the drilling or completion equipment arrives on location and terminate on the date the drilling or completion equipment moves off location or is released, whichever occurs first. No charge shall be made during suspension of drilling and/or completion operations for fifteen (15) or more consecutive calendar days.

(b) Charges for any well undergoing any type of workover, recompletion, and/or abandonment for a period of five (5) or more consecutive workdays shall be made at the Drilling Well Rate. Such charges shall be applied for the period from date operations, with rig or other units used in operations, commence through date of rig or other unit release, except that no charges shall be made during suspension of operations for fifteen (15) or more consecutive calendar days.

(3) Application of Overhead—Producing Well Rate shall be as follows:

(a) An active well that is produced, injected into for recovery or disposal, or used to obtain water supply to support operations for any portion of the month shall be considered as a one-well charge for the entire month.

(b) Each active completion in a multi-completed well, in which production is not commingled downhole, shall be considered as a one-well charge provided each completion is considered a separate well by the governing regulatory authority.

(c) A one-well charge shall be made for the month in which plugging and abandonment operations are completed on any well, unless the Drilling Well Rate applies, as provided in Sections III.1.B.(2)(a) or (b). This one-well charge shall be made whether or not the well has produced.

(d) An active gas well shut in because of overproduction or failure of a purchaser, processor, or transporter to take production shall be considered as a one-well charge provided the gas well is directly connected to a permanent sales outlet.

(e) Any well not meeting the criteria set forth in Sections III.1.B.(3) (a), (b), (c), or (d) shall not qualify for a producing overhead charge.

(4) The well rates shall be adjusted on the first day of April each year following the effective date of the Agreement; provided, however, if this Accounting Procedure is attached to or otherwise governing the payout accounting under a farmout agreement, the rates shall be adjusted on the first day of April each year following the effective date of such farmout agreement. The adjustment shall be computed by applying the adjustment factor most recently published by COPAS. The adjusted rates shall be the initial or amended rates agreed to by the Parties increased or decreased by the adjustment factor described herein, for each year from the
effective date of such rates, in accordance with COPAS MFI-47 (“Adjustment of Overhead Rates”).

C. Overhead—Percentage Basis

(1) Operator shall charge the Joint Account at the following rates:

(a) Development Rate Percent (%) of the cost of development of the Joint Property, exclusive of costs provided under Section II.9 (Legal Expense) and all Material salvage credits.

(b) Operating Rate Percent (%) of the cost of operating the Joint Property, exclusive of costs provided under Sections II.1 (Rentals and Royalties) and II.9 (Legal Expense); all Material salvage credits; the value of substances purchased for enhanced recovery; all property and ad valorem taxes, and any other taxes and assessments that are levied, assessed, and paid upon the mineral interest in and to the Joint Property.

(2) Application of Overhead—Percentage Basis shall be as follows:

(a) The Development Rate shall be applied to all costs in connection with:
   
   [i] drilling, redrilling, sidetracking, or deepening of a well
   [ii] a well undergoing plugback or workover operations for a period of five (5) or more consecutive workdays
   [iii] preliminary expenditures necessary in preparation for drilling
   [iv] expenditures incurred in abandoning when the well is not completed as a producer
   [v] construction or installation of fixed assets, the expansion of fixed assets and any other project clearly discernible as a fixed asset, other than Major Construction or Catastrophe as defined in Section III.2 (Overhead—Major Construction and Catastrophe).

(b) The Operating Rate shall be applied to all other costs in connection with Joint Operations, except those subject to Section III.2 (Overhead—Major Construction and Catastrophe).

2. OVERHEAD—MAJOR CONSTRUCTION AND CATASTROPHE

To compensate the Operator for overhead costs incurred in connection with a Major Construction project or Catastrophe, the Operator shall either negotiate a rate prior to the beginning of the project, or shall charge the Joint Account for overhead based on the following rates for any Major Construction project in excess of the Operator’s expenditure limit under the Agreement, or for any Catastrophe regardless of the amount. If the Agreement to which this Accounting Procedure is attached does not contain an expenditure limit, Major Construction Overhead shall be assessed for any single Major Construction project costing in excess of $100,000 gross.

Major Construction shall mean the construction and installation of Unit Facilities as defined by the Joint Operating Agreement fixed assets, the expansion of Unit Facilities fixed assets, and any other project clearly discernible as a fixed asset required for the development and operation of the Joint Property, or in the dismantlement, abandonment, removal, and restoration of platforms, production equipment, and other Unit operating Facilities.

Catastrophe is defined as a sudden calamitous event bringing damage, loss, or destruction to property or the environment, such as an oil spill, blowout, explosion, fire, storm, hurricane, or other disaster. The overhead rate shall be applied to those costs necessary to restore the Joint Property to the equivalent condition that existed prior to the event.

A. If the Operator absorbs the engineering, design and drafting costs related to the project:

(1) 5% of total costs if such costs are less than $100,000; plus

(2) 3% of total costs in excess of $100,000 but less than $1,000,000; plus

(3) 2% of total costs in excess of $1,000,000.

B. If the Operator charges engineering, design and drafting costs related to the project directly to the Joint Account:

(1) 5% of total costs if such costs are less than $100,000; plus

(2) 3% of total costs in excess of $100,000 but less than $1,000,000; plus

(3) 2% of total costs in excess of $1,000,000.

Total cost shall mean the gross cost of any one project. For the purpose of this paragraph, the component parts of a single Major Construction project shall not be treated separately, and the cost of drilling and workover wells and purchasing and installing pumping units and downhole artificial lift equipment shall be excluded. For Catastrophes, the rates shall be applied to all costs associated with each single occurrence or event.

On each project, the Operator shall advise the Non-Operator(s) in advance which of the above options shall apply.
For the purposes of calculating Catastrophe Overhead, the cost of drilling relief wells, substitute wells, or conducting other well operations directly resulting from the catastrophic event shall be included. Expenditures to which these rates apply shall not be reduced by salvage or insurance recoveries. Expenditures that qualify for Major Construction or Catastrophe Overhead shall not qualify for overhead under any other overhead provisions.

In the event of any conflict between the provisions of this Section III.2 and the provisions of Sections II.2 (Labor), II.5 (Services), or II.7 (Affiliates), the provisions of this Section III.2 shall govern.

3. AMENDMENT OF OVERHEAD RATES

The overhead rates provided for in this Section III may be amended from time to time if, in practice, the rates are found to be insufficient or excessive, in accordance with the provisions of Section I.6.B (Amendments)

IV. MATERIAL PURCHASES, TRANSFERS, AND DISPOSITIONS

The Operator is responsible for Joint Account Material and shall make proper and timely charges and credits for direct purchases, transfers, and dispositions. The Operator shall provide all Material for use in the conduct of Joint Operations; however, Material may be supplied by the Non-Operators, at the Operator’s option. Material furnished by any Party shall be furnished without any express or implied warranties as to quality, fitness for use, or any other matter.

1. DIRECT PURCHASES

Direct purchases shall be charged to the Joint Account at the price paid by the Operator after deduction of all discounts received. The Operator shall make good faith efforts to take discounts offered by suppliers, but shall not be liable for failure to take discounts except to the extent such failure was the result of the Operator’s gross negligence or willful misconduct. A direct purchase shall be deemed to occur when an agreement is made between an Operator and a third party for the acquisition of Material for a specific well site or location. Material provided by the Operator under “vendor stocking programs,” where the initial use is for a Joint Property and title of the Material does not pass from the manufacturer, distributor, or agent until usage, is considered a direct purchase. If Material is found to be defective or is returned to the manufacturer, distributor, or agent for any other reason, credit shall be passed to the Joint Account within sixty (60) days after the Operator has received adjustment from the manufacturer, distributor, or agent.

2. TRANSFERS

A transfer is determined to occur when the Operator (i) furnishes Material from a storage facility or from another operated property, (ii) has assumed liability for the storage costs and changes in value, and (iii) has previously secured and held title to the transferred Material. Similarly, the removal of Material from the Joint Property to a storage facility or to another operated property is also considered a transfer; provided, however, Material that is moved from the Joint Property to a storage location for safe-keeping pending disposition may remain charged to the Joint Account and is not considered a transfer. Material shall be disposed of in accordance with Section IV.3 (Disposition of Surplus) and the Agreement to which this Accounting Procedure is attached.

A. PRICING

The value of Material transferred to/from the Joint Property should generally reflect the market value on the date of physical transfer. Regardless of the pricing method used, the Operator shall make available to the Non-Operators sufficient documentation to verify the Material valuation. When higher than specification grade or size tubulars are used in the conduct of Joint Operations, the Operator shall charge the Joint Account at the equivalent price for well design specification tubulars, unless such higher specification grade or sized tubulars are approved by the Parties pursuant to Section I.6.A (General Matters). Transfers of new Material will be priced using one of the following pricing methods; provided, however, the Operator shall use consistent pricing methods, and not alternate between methods for the purpose of choosing the method most favorable to the Operator for a specific transfer:

(1) Using published prices in effect on date of movement as adjusted by the appropriate COPAS Historical Price Multiplier (HPM) or prices provided by the COPAS Computerized Equipment Pricing System (CEPS).

(a) For oil country tubulars and line pipe, the published price shall be based upon eastern mill carload base prices (Houston, Texas, for special end) adjusted as of date of movement, plus transportation cost as defined in Section IV.2.B (Freight).

(b) For other Material, the published price shall be the published list price in effect at date of movement, as listed by a Supply Store nearest the Joint Property where like Material is normally available, or point of manufacture plus transportation costs as defined in Section IV.2.B (Freight).

(2) Based on a price quotation from a vendor that reflects a current realistic acquisition cost.

(3) Based on the amount paid by the Operator for like Material in the vicinity of the Joint Property within the previous twelve (12) months from the date of physical transfer.

(4) As agreed to by the Participating Parties for Material being transferred to the Joint Property, and by the Parties owning the Material for Material being transferred from the Joint Property.
B. **FREIGHT**

Transportation costs shall be added to the Material transfer price using the method prescribed by the COPAS Computerized Equipment Pricing System (CEPS). If not using CEPS, transportation costs shall be calculated as follows:

1. Transportation costs for oil country tubulars and line pipe shall be calculated using the distance from eastern mill to the Railway Receiving Point based on the carload weight basis as recommended by the COPAS-MFI-38 ("Material Pricing Manual") and other COPAS MFIs in effect at the time of the transfer.

2. Transportation costs for special mill items shall be calculated from that mill's shipping point to the Railway Receiving Point. For transportation costs from other than eastern mills, the 30,000-pound interstate truck rate shall be used. Transportation costs for macaroni tubing shall be calculated based on the interstate truck rate per weight of tubing transferred to the Railway Receiving Point.

3. Transportation costs for special end tubular goods shall be calculated using the interstate truck rate from Houston, Texas, to the Railway Receiving Point.

4. Transportation costs for Material other than that described in Sections IV.2.B.(1) through (3), shall be calculated from the Supply Store or point of manufacture, whichever is appropriate, to the Railway Receiving Point.

 Regardless of whether using CEPS or manually calculating transportation costs, transportation costs from the Railway Receiving Point to the Joint Property are in addition to the foregoing, and may be charged to the Joint Account based on actual costs incurred. All transportation costs are subject to Equalized Freight as provided in Section II.4 (*Transportation*) of this Accounting Procedure.

C. **TAXES**

Sales and use taxes shall be added to the Material transfer price using either the method contained in the COPAS-Computerized Equipment Pricing System (CEPS) or the applicable tax rate in effect for the Joint Property at the time and place of transfer. In either case, the Joint Account shall be charged or credited at the rate that would have governed had the Material been a direct purchase.

D. **CONDITION**

1. Condition “A” – New and unused Material in sound and serviceable condition shall be charged at one hundred percent (100%) of the price as determined in Sections IV.2.A (*Pricing*), IV.2.B (*Freight*), and IV.2.C (*Taxes*). Material transferred from the Joint Property that was not placed in service shall be credited as charged without gain or loss; provided, however, any unused Material that was charged to the Joint Account through a direct purchase will be credited to the Joint Account at the original cost paid less restocking fees charged by the vendor. New and unused Material transferred from the Joint Property may be credited at a price other than the price originally charged to the Joint Account provided such price is approved by the Parties owning such Material, pursuant to Section I.6.A (*General Matters*). All refurbishing costs required or necessary to return the Material to original condition or to correct handling, transportation, or other damages will be borne by the disinvesting property. The Joint Account is responsible for Material preparation, handling, and transportation costs for new and unused Material charged to the Joint Property either through a direct purchase or transfer. Any preparation costs incurred, including any internal or external coating and wrapping, will be credited on new Material provided these services were not repeated for such Material for the receiving property.

2. Condition “B” – Used Material in sound and serviceable condition and suitable for reuse without reconditioning shall be priced by multiplying the price determined in Sections IV.2.A (*Pricing*), IV.2.B (*Freight*), and IV.2.C (*Taxes*) by seventy-five percent (75%).

   Except as provided in Section IV.2.D(3), all reconditioning costs required to return the Material to Condition “B” or to correct handling, transportation or other damages will be borne by the disinvesting property.

   If the Material was originally charged to the Joint Account as used Material and placed in service for the Joint Property, the Material will be credited at the price determined in Sections IV.2.A (*Pricing*), IV.2.B (*Freight*), and IV.2.C (*Taxes*) multiplied by sixty-five percent (65%).

   Unless otherwise agreed to by the Parties that paid for such Material, used Material transferred from the Joint Property that was not placed in service on the property shall be credited as charged without gain or loss.

3. Condition “C” – Material that is not in sound and serviceable condition and not suitable for its original function until after reconditioning shall be priced by multiplying the price determined in Sections IV.2.A (*Pricing*), IV.2.B (*Freight*), and IV.2.C (*Taxes*) by fifty percent (50%).

   The cost of reconditioning may be charged to the receiving property to the extent Condition “C” value, plus cost of reconditioning, does not exceed Condition “B” value.

4. Condition “D” – Material that (i) is no longer suitable for its original purpose but useable for some other purpose, (ii) is obsolete, or (iii) does not meet original specifications but still has value and can be used in other applications as a substitute for items with different specifications, is considered Condition “D” Material. Casing, tubing, or drill pipe used as line pipe shall be priced as Grade A and B seamless line pipe of comparable size and weight. Used casing, tubing, or drill pipe utilized as line pipe shall be priced at used line pipe prices. Casing, tubing, or drill pipe used as higher pressure service lines than standard line pipe, e.g., power oil lines,
shall be priced under normal pricing procedures for casing, tubing, or drill pipe. Upset tubular goods shall be priced on a non-upset basis. For other items, the price used should result in the Joint Account being charged or credited with the value of the service rendered or use of the Material, or as agreed to by the Parties pursuant to Section 1.6.A (General Matters).

(5) Condition “E” – Junk shall be priced at prevailing scrap value prices.

E. OTHER PRICING PROVISIONS

(1) Preparation Costs

Subject to Section II (Direct Charges) and Section III (Overhead) of this Accounting Procedure, costs incurred by the Operator in making Material serviceable including inspection, third party surveillance services, and other similar services will be charged to the Joint Account at prices which reflect the Operator’s actual costs of the services. Documentation must be provided to the Non-Operators upon request to support the cost of service. New coating and/or wrapping shall be considered a component of the Materials and priced in accordance with Sections IV.1 (Direct Purchases) or IV.2.A (Pricing), as applicable. No charges or credits shall be made for used coating or wrapping. Charges and credits for inspections shall be made when paid by operator in accordance with COPAS MFI-38 ("Material Pricing Manual").

(2) Loading and Unloading Costs

Loading and unloading costs related to the movement of the Material to the Joint Property shall may be charged when paid by operator in accordance with the methods specified in COPAS MFI-38 ("Material Pricing Manual").

3. DISPOSITION OF SURPLUS

Surplus Material is that Material, whether new or used, that is no longer required for Joint Operations. The Operator may purchase, but shall be under no obligation to purchase, the interest of the Non-Operators in surplus Material.

Dispositions for the purpose of this procedure are considered to be the relinquishment of title of the Material from the Joint Property to either a third party, a Non-Operator, or to the Operator. To avoid the accumulation of surplus Material, the Operator should make good faith efforts to dispose of surplus within twelve (12) months through buy/sale agreements, trade, sale to a third party, division in kind, or other dispositions as agreed to by the Parties.

Disposal of surplus Materials shall be made in accordance with the terms of the Agreement to which this Accounting Procedure is attached. If the Agreement contains no provisions governing disposal of surplus Material, the following terms shall apply:

- The Operator may, through a sale to an unrelated third party or entity, dispose of surplus Material having a gross sale value that is less than or equal to the Operator’s expenditure limit as set forth in the Agreement to which this Accounting Procedure is attached without the prior approval of the Parties owning such Material.
- If the gross sale value exceeds the Agreement expenditure limit, the disposal must be agreed to by the Parties owning such Material.
- Operator may purchase surplus Condition “A” or “B” Material without approval of the Parties owning such Material, based on the pricing methods set forth in Section IV.2 (Transfers).
- Operator may purchase Condition “C” Material without prior approval of the Parties owning such Material if the value of the Materials, based on the pricing methods set forth in Section IV.2 (Transfers), is less than or equal to the Operator’s expenditure limitation set forth in the Agreement. The Operator shall provide documentation supporting the classification of the Material as Condition C.
- Operator may dispose of Condition “D” or “E” Material under procedures normally utilized by Operator without prior approval of the Parties owning such Material.

4. SPECIAL PRICING PROVISIONS

A. PREMIUM PRICING

Whenever Material is available only at inflated prices due to national emergencies, strikes, government imposed foreign trade restrictions, or other unusual causes over which the Operator has no control, for direct purchase the Operator may charge the Joint Account for the required Material at the Operator’s actual cost incurred in providing such Material, making it suitable for use, and moving it to the Joint Property. Material transferred or disposed of during premium pricing situations shall be valued in accordance with Section IV.2 (Transfers) or Section IV.3 (Disposition of Surplus), as applicable.

B. SHOP-MADE ITEMS

Items fabricated by the Operator’s employees, or by contract laborers under the direction of the Operator, shall be priced using the value of the Material used to construct the item plus the cost of labor to fabricate the item. If the Material is from the Operator’s scrap or junk account, the Material shall be priced at either twenty-five percent (25%) of the current price as determined in Section IV.2.A (Pricing) or scrap value, whichever is higher. In no event shall the amount charged exceed the value of the item commensurate with its use.
C. MILL REJECTS

Mill rejects purchased as “limited service” casing or tubing shall be priced at eighty percent (80%) of K-55/J-55 price as determined in Sections IV.2 (Transfers). Line pipe converted to casing or tubing with casing or tubing couplings attached shall be priced as K-55/J-55 casing or tubing at the nearest size and weight.

V. INVENTORIES OF CONTROLLABLE MATERIAL

The Operator shall maintain records of Controllable Material charged to the Joint Account, with sufficient detail to perform physical inventories.

Adjustments to the Joint Account by the Operator resulting from a physical inventory of Controllable Material shall be made within twelve (12) months following the taking of the inventory or receipt of Non-Operator inventory report. Charges and credits for overages or shortages will be valued for the Joint Account in accordance with Section IV.2 (Transfers) and shall be based on the Condition “B” prices in effect on the date of physical inventory unless the inventorying Parties can provide sufficient evidence another Material condition applies.

1. DIRECTED INVENTORIES

Physical inventories shall be performed by the Operator upon written request of a majority in working interest of the Non-Operators (hereinafter, “directed inventory”); provided, however, the Operator shall not be required to perform directed inventories more frequently than once every five (5) years.

Directed inventories shall be commenced within one hundred eighty (180) days after the Operator receives written notice that a majority in interest of the Non-Operators has requested the inventory. All Parties shall be governed by the results of any directed inventory.

Expenses of directed inventories will be borne by the Joint Account; provided, however, costs associated with any post-report follow-up work in settling the inventory will be absorbed by the Party incurring such costs. The Operator is expected to exercise judgment in keeping expenses within reasonable limits. Any anticipated disproportionate or extraordinary costs should be discussed and agreed upon prior to commencement of the inventory.

Expenses of directed inventories may include the following:

A. A per diem rate for each inventory person, representative of actual salaries, wages, and payroll burdens and benefits of the personnel performing the inventory or a rate agreed to by the Parties pursuant to Section I.6.A (General Matters). The per diem rate shall also be applied to a reasonable number of days for pre-inventory work and report preparation.

B. Actual transportation costs and Personal Expenses for the inventory team.

C. Reasonable charges for report preparation and distribution to the Non-Operators.

2. NON-DIRECTED INVENTORIES

A. OPERATOR INVENTORIES

Physical inventories that are not requested by the Non-Operators may be performed by the Operator, at the Operator’s discretion. The expenses of conducting such Operator-initiated inventories shall not be charged to the Joint Account.

B. NON-OPERATOR INVENTORIES

Subject to the terms of the Agreement to which this Accounting Procedure is attached, the Non-Operators may conduct a physical inventory at reasonable times at their sole cost and risk after giving the Operator at least ninety (90) days prior written notice. The Non-Operator inventory report shall be furnished to the Operator in writing within ninety (90) days of completing the inventory field work.

C. SPECIAL INVENTORIES

The expenses of conducting inventories other than those described in Sections V.1 (Directed Inventories), V.2.A (Operator Inventories), or V.2.B (Non-Operator Inventories) shall be charged to the Party requesting such inventory; provided, however, inventories required due to a change of Operator shall be charged to the Joint Account in the same manner as described in Section V.1 (Directed Inventories).

The Operator shall maintain detailed record of Controllable Material.

1. Periodic Inventories, Notice and Representation

At reasonable intervals, inventories shall be taken by Operator of the Joint Account Controllable Material.

Written notice of intention to take inventory shall be given by Operator at least thirty (30) days before any inventory is to begin so that Non-Operators may be represented when any inventory is taken. Failure of Non-Operators to be represented at an inventory shall bind Non-Operators to accept the inventory taken by Operator.
2. Reconciliation and Adjustments of Inventories

Adjustment to the Joint Account resulting from the reconciliation of a physical inventory shall be made within six months following the taking of the inventory. Inventory adjustments shall be made by Operator to the Joint Account for overages and shortages, but, Operator shall be held accountable for shortages due to lack of reasonable diligence.

3. Special Inventories

Special inventories may be taken whenever there is any sale, change of interest, or change of Operator in the Joint Property. It shall be the duty of the party selling to notify all other Parties as quickly as possible after the transfer of interest takes place. In such cases, both the seller and purchaser shall be governed by such inventory. In cases involving a change of Operator, all Parties shall be governed by such inventory.

4. Expense of Conducting Inventories

   A. The expense of conducting periodic inventories shall not be charged to the Joint Account unless agreed to by the Parties.

   B. The expense of conducting special inventories shall be charged to the Parties requesting such inventories, except inventories required due to change of Operator shall be charged to the Joint Account.
INSTRUCTION PROVISIONS

1. Operator shall at all time, while conducting operations hereunder, maintain in force the following insurance at the expense of and for the benefit of the joint account:

(a) Statutory Worker’s Compensation insurance in accordance with the laws of the state in which the operations are to be conducted, and Employer’s Liability insurance with limits not less than $1,000,000 for any one person, and not less than $1,000,000 for any one accident.

(b) Commercial General Liability insurance with limits of not less than $1,000,000 combined single limit for bodily injury or property damage per occurrence, and $2,000,000 aggregate.

(c) Business Automobile Liability insurance covering owned, non-owned and hired automotive equipment used under this agreement, with limits of not less than $1,000,000 combined single limit for bodily injury or property damage per accident. If automotive equipment used is owned or leased exclusively by Operator, no charge will be made to the joint account for premiums for this coverage.

(d) Excess Liability insurance with limits of not less than $5,000,000 combined single limit for bodily injury or property damage per occurrence to apply in excess of Employer’s Liability, Commercial General Liability and Business Automobile Liability. If a Non-Operator elects not to be covered under Operator’s Excess Liability coverage, such Non-Operator shall provide Operator with a certificate of insurance evidencing at least $5,000,000 in Excess Liability insurance for its own account. Such certificate of insurance must be provided to Operator prior to spudding the well.

(e) Operator’s Extra Expense Indemnity (“OEE”) insurance during drilling and completion operations (including coverage for Control of Well, Redrilling and Restoration due to blowout and/or cratering above or below the surface, evacuation expense, and accidental Seepage and Pollution Liability coverage including Clean-Up and Containment, all as defined in Operator’s policy), with limits of not less than $5,000,000 (with a deductible of not more than $1,000,000 with respect to Non-Operator’s interest) and Care, Custody and Control coverage in the minimum amount of $1,000,000. In the event that a participating party elects to be covered by its own OEE policy, then such party shall provide Operator with a certificate of insurance evidencing that such party carries OEE insurance for its own account with minimum limits corresponding to those provided for in Operator’s OEE policy. Such certificate of insurance must be provided to Operator prior to spudding the well. In the event that Operator is self-insured for OEE or does not carry OEE insurance, then it shall be the sole responsibility of each party hereto to provide its own OEE insurance, unless prior alternative arrangements have been made, in writing, by the parties hereto.

(f) The insurance described above shall be carried at the joint expense of the parties hereto (except with respect to those parties that timely elect to not be covered by the insurance described in paragraphs (d) and/or (e) above) and all premiums and other costs and expenses related thereto shall be charged to the joint account in accordance with the Accounting Procedure attached as Exhibit “C” to this Agreement.

2. Any party hereto may acquire such additional insurance as it deems proper to protect itself against any claims, losses, damages or destruction arising out of operations hereunder. Any other such insurance shall be carried by such party at its own expense and such insurance shall include a waiver of subrogation in favor of all other parties.

3. Losses not covered by the insurance required by this Agreement to be carried for the benefit and at the expense of the parties hereto, losses exceeding the limits of insurance coverage and applicable deductible expenses shall all be charged to the joint account.

4. It is further understood and agreed that Operator is not a warrantor of the financial responsibility of the insurer with whom such insurance is carried, and that except for willful negligence, Operator shall not be liable to Non-Operator for any loss suffered on account of the insufficiency of the insurance carried, or of insurer with whom carried. Operator shall not be liable to Non-Operator for any loss accruing by reason of Operator’s inability to procure or maintain the insurance above mentioned. Operator agrees that if at any time during the life of this agreement it is unable to obtain or maintain such insurance, it shall immediately notify in writing Non-Operators of such fact.

5. Operator shall use reasonable efforts to require all contractors and their sub-contractors working or performing services hereunder to procure and maintain:

(a) Statutory Worker’s Compensation insurance in accordance with the laws of the state in which the operations are to be conducted, and Employer’s Liability insurance with limits not less than $1,000,000 for any one person, and not less than $1,000,000 for any one accident. Such coverage to be endorsed to provide for Alternate Employer and Waiver of Subrogation in favor of Operator and the parties hereto;

(b) Commercial General Liability insurance with policy limits of at least $1,000,000 combined single limit for bodily injury or property damage per occurrence, and $2,000,000 aggregate and shall include coverage for contractual liability for liabilities assumed under contract as between the Contractor and Operator. Such coverage to be endorsed to provide additional insured status and waiver of subrogation in favor of the Operator and the parties hereto;

(c) Business Automobile Liability insurance covering owned, non-owned and hired automotive equipment used under any contract as between the Contractor and Operator, with limits of not less than $1,000,000 combined single limit for bodily injury or property damage per accident. Such coverage to be endorsed to provide Additional Insured and Waiver of Subrogation status to the Operator and the parties hereto;
(d) Excess Liability insurance with limits of not less than $1,000,000 combined single limit for bodily injury or property damage per occurrence to apply in excess of Employer’s Liability, Commercial General Liability and Business Automobile Liability insurance.

(e) Notwithstanding the above, no liability shall attach to Operator in the exercise of its good-faith judgment as to the types and amounts of insurance, if any, to be required of Contractors and sub-contractors.

6. Each party hereto to be insured hereunder, shall provide a certificate of insurance evidencing the above insurance coverage(s) upon the request of any other party. In the event any party hereto elects to self-insure, then in such event, it must obtain a Certificate of Financial Responsibility from the applicable federal and/or state agencies, provide an acceptable letter of self-insurance or otherwise furnish appropriate acceptable evidence of same relating to said guidelines to the other parties hereto.
MEMORANDUM OF OPERATING AGREEMENT AND FINANCING STATEMENT

WHEREAS, , as Operator, having a notice address of , and , as Non-Operators have entered into that certain Operating Agreement dated effective on , covering oil and gas operations being conducted on those certain lands described in Exhibit “A” (the “Contract Area”), attached hereto and made a part hereof, as said Exhibit may be amended from time to time; and

WHEREAS, Operator and Non-Operators desire to give third parties record notice of the existence of said Operating Agreement and of the rights and obligations of Operator and Non-Operators thereunder.

NOW, THEREFORE, for and in consideration of One Dollar ($1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Operator and Non-Operators hereby stipulate and agree as follows:

I. The Operating Agreement is on an A.A.P.L. form 610-1989 Model Form Operating Agreement, as amended by the parties, plus attachments.

II. Article VI.G. (Option 2) grants each party to the Operating Agreement the right to take in kind its proportionate share of all oil and gas produced from the Contract Area.

III. Pursuant to Article VII.B., each Non-Operator mortgages to Operator, and grants to Operator a lien upon, its oil and gas leasehold estates and “oil and gas interests”, as that term is defined in Article I.C. thereof, in the Contract Area, and grants to Operator a security interest in its share of oil or gas when extracted from the Contract Area and its interest in all equipment located thereon to secure payment of its share of expense under the Operating Agreement (including costs of investigation, defenses and payment of any final judgment or settlement for damages arising out of operations thereunder), together with interest thereon in accordance with the Operating Agreement, in addition to any other remedies available to Operator in law or pursuant to the Operating Agreement. Upon default by a Non-Operator in the payment of its share of expense, without prejudice to any other rights and remedies, Operator shall have the right to collect from the purchaser of production from the Contract Area the proceeds from the sale of such Non-Operator’s share of oil or gas produced and sold from the Contract Area until the amount owed by Non-Operator, including interest, has been paid. Each purchaser of oil and gas produced from the Contract Area shall be entitled to rely upon Operator’s written statement concerning the amount of any default. Operator grants a like mortgage, lien and security interest to the Non-Operators to secure payment of Operator’s proportionate share of expense.

If Operator pays a defaulting party’s share of any costs or expenses pursuant to Article VII.B.4 of the Operating Agreement, all other parties to the Operating Agreement, including Non-Operators shall, upon being billed by Operator, contribute their proportionate share of all sums advanced by Operator for and on behalf of the defaulting party. Such contributing parties shall in addition to any other right they may have hereunder receive a share of any interest in the Contract Area forfeited by the defaulting party as well as any percentage penalty recoupment from such defaulting party. The share for each such contributing party shall be in proportion to its contribution.

IV. This Memorandum shall constitute a Financing Statement covering oil and gas extracted from the Contract Area to the extent that such oil and gas is owned by a defaulting party under the Operating Agreement, as amended by the parties, plus attachments.

V. Operator may, on behalf of all parties, terminate the effect of this Memorandum as to all or any portion of the Contract Area by recording a full or partial release hereof.

VI. Any party requiring additional information concerning the rights and obligations of the parties under the Operating Agreement may contact the Operator at the following address:

OPERATOR:

VII. This Memorandum may be executed in any number of counterparts, each of which shall be considered an original for all purposes and shall be binding upon the heirs, successors and assigns of the parties. The Operator is hereby authorized to compile the signature and notary pages from each of the counterparts in order to have one instrument containing signature and notarial acknowledgments for all parties for recording purposes.
By: ____________________________
Name: __________________________
Title: __________________________

Non-Operator(s)

By: ____________________________
Name: __________________________
Title: __________________________

ACKNOWLEDGEMENTS

STATE OF ARKANSAS

COUNTY OF ____________________

On this the __________ day of ______________, 20 __, before me, the undersigned Notary Public in and for said County and State, personally appeared ______________, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged that he is the __________ of ______________, a(n) __________ corporation, and that he executed the same as his free and voluntary act and deed in his said capacity for the purposes and consideration therein mentioned and set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

My Commission Expires: __________________

Notary Public in and for the State of __________________

STATE OF ARKANSAS

COUNTY OF ____________________
On this the ___________ day of ____________, 20__, before me, the undersigned Notary Public in and for said County and State, personally appeared ____________, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged that he is the ____________, an ________ corporation, and that he executed the same as his free and voluntary act and deed in his said capacity for the purposes and consideration therein mentioned and set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

My Commission Expires: ____________

Notary Public in and for the State of ____________

STATE OF ARKANSAS

COUNTY OF ____________

On this the ___________ day of ____________, 20__, before me, the undersigned Notary Public in and for said County and State, personally appeared ____________, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged that he is the ____________, an ________ corporation, and that he executed the same as his free and voluntary act and deed in his said capacity for the purposes and consideration therein mentioned and set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

My Commission Expires: ____________

Notary Public in and for the State of ____________
ALBERT BURFORD CRENSHAW
321 EAST CAPITOL ST SE
WASHINGTON, DC 20003-3808

MARY JOHN SPENCE TRUST U/W/O L.A. GRELLING MARY JOHN SPENCE TRUST
U/W/O L.A. GRELLING
PO BOX 11566
BIRMINGHAM, AL 35202-1900

PERRY L. SHAW
23683 ELMWOOD DR
PORTER, TX 77365-5101

MARIA BURKE BUTLER
651 BERING DR, UNIT 705
HOUSTON, TX 77057-2134

THOMAS W. BURKE, JR. THOMAS W. BURKE, JR.
6007 VALLEY FORGE DR
HOUSTON, TX 77057

KING OIL & GAS OF TEXAS, LTD. KING OIL & GAS OF TEXAS, LTD.
800 BERING DR, SUITE 206
HOUSTON, TX 77057-2131

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LITTLE ROCK, AR 72207

PETER H. MCKENZIE PETER H. MCKENZIE
7520 CARUTH BLVD
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BEAU B. BUDDE
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LAURA WOLDERT MCMULLEN LAURA WOLDERT MCMULLEN
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SETH H. HERNDON, JR. SETH H. HERNDON, JR.
PO BOX 702158
TULSA, OK 74170-2158

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14 LAFAYETTE 266
STAMPS, AR 71860

DIANE CALLISON DIANE CALLISON
PO BOX 1957
SUTTER CREEK, CA 95685

GOLDSTON MINERAL PROPERTIES C/O THE NORTHERN TRUST BANK GOLDSTON MINERAL PROPERTIES C/O THE NORTHERN TRUST BANK
PO BOX 226270
DALLAS, TX 75222-6270

RAYBOURN INTERESTS, INC. RAYBOURN INTERESTS, INC.
PO BOX 1371
SHAWNEE, OK 74802-1371

KIM MONSOUR DIAZ KIM MONSOUR DIAZ
316 SOUTH VILLAGE LN
CHADDS FORD, PA 19317

BETTY N. HEARD BETTY N. HEARD
915 DUNBARTON DR
RICHARDSON, TX 75081-5213

LEE ANN HEARD LEE ANN HEARD
118 LANCASHIRE DR
BOSSIER CITY, LA 71111

JAMES HERBERT BOND JAMES HERBERT BOND
325 N. ST PAUL, SUITE 2520
DALLAS, TX 75201-3853

ROLAND S. BOND ROLAND S. BOND
301 MISSION AVE, NO. 607
OCEANSIDE, CA 92054

DON AND MARCELLA MATTHEWS FAMILY REVOCABLE TRUST DON AND MARCELLA MATTHEWS FAMILY REVOCABLE TRUST
1305 CORONADO ST
PONCA CITY, OK 74604

JENENNE POST JENENNE POST
9108 S. FLORENCE AVE
TULSA, OK 74137

LESTER C. SWENSON & SYLVIA A. SWENSON
LESTER C. SWENSON & SYLVIA A. SWENSON
2820 DOMINQUE
GALVESTON, TX 77551

TOM RUSH, JR. REV LIVING TRUST TOM RUSH, JR. REV LIVING TRUST
7860 N HAYDEN APT HH101
SCOTTSDALE, AZ 85258

DEWITT RUSH LAMB DEWITT RUSH LAMB
10171 VALLEY DR SOUTH
WILLIS, TX 77318

ALVRONE SATER ALVRONE SATER
PO BOX 2509
EVANSVILLE, IN 47728-0509

DANIEL W WHITTEN GST EXEMPTION RESIDUARY TRUST DANIEL W WHITTEN GST EXEMPTION RESIDUARY TRUST
PO BOX 22932
OKLAHOMA CITY, OK 73123-1932

DAVID A. WHITTEN GST EXEMPTION RESIDUARY TRUST DAVID A. WHITTEN GST EXEMPTION RESIDUARY TRUST
PO BOX 22932
OKLAHOMA CITY, OK 73123-1932

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STATE OF ARKANSAS,  
COUNTY OF PULASKI,  

I, Annette Holcombe do solemnly swear that I am the Legal Billing Clerk of the Arkansas Democrat Gazette, a daily newspaper printed and published in said County, State of Arkansas; that I was so related to this publication at and during the publication of the annexed legal advertisement in the matter of:

HEARING 042-2015-03

pending in the Court, in said County, and at the dates of the several publications of said advertisement stated below, and that during said periods and at said dates, said newspaper was printed and had a bona fide circulation in said County; that said newspaper had been regularly printed and published in said County, and had a bona fide circulation therein for the period of one month before the date of the first publication of said advertisement; and that said advertisement was published in the regular daily issues of said newspaper as stated below.

DATE DAY LINAGE RATE DATE DAY LINAGE RATE
03/14 Sat 1447 1.25

TOTAL COST ------------------------- 1,808.75
Billing Ad #: 73066942

Subscribed and sworn to me this day of March, 2015
Notary Public
March 31, 2015, or as soon thereafter as possible, at the
Arkansas Game and Fish
Commission, P.O. Box 22225, P.O. Box 22225, Little Rock, AR 72225.

In the absence of order to the contrary, the hearing may
continue into the following day.

Contact information for the
Arkansas Game and Fish Commission
can be obtained through:

3301 Natural Resources Drive, Suite 120
Little Rock, AR 72205
Phone: 501-682-8800
Fax: 501-682-4614

Please use this appropriate
docket number in any request for
information concerning this
matter. Requests should be
directed to Alan York, Commissioner
Arkansas Game and Fish Commission,
900 Capitol Avenue, Suite 120
Little Rock, AR 72205
Phone: 501-682-8800
Fax: 501-682-4614

Any party who desires to
oppose an application, shall
notify, in writing, or e-mail at
opposition@agf.state.ar.us,
the Hearing Officer or Director of the
Arkansas Game and Fish Commission
no later than 19 days before the
scheduled hearing date indicated
on the Hearing Agenda.

70085-01
EXHIBIT "I"

BEFORE THE ARKANSAS OIL & GAS COMMISSION

AFFIDAVIT OF NOTICE TO
INTERESTED PARTIES

STATE OF ARKANSAS   )
COUNTY OF PULASKI    )

KNOW ALL MEN BY THESE PRESENTS:

COMES NOW NICOLE FRAZIER, Affiant herein, who after being by me duly sworn, states on oath as follows, to-wit:

1. I, NICOLE FRAZIER, am the assistant to G. Alan Perkins, who has been retained to represent C-12: Arkansas Oil, LLC (Applicant) before the Arkansas Oil & Gas Commission at the March 31, 2015 hearing in Little Rock, Arkansas, to be heard in connection with the following matter:

Re: DOCKET REFERENCE NO. 042-2015-03

Application of C-12: Arkansas Oil, LLC for an Order Amending AOGC Order No.1-56, Midway Field Unit, for Conversion of the Existing Field-Wide Unit Operation to Allow for the Addition of Carbon Dioxide Injection, and Adopting a New Unit Agreement and Joint Operating Agreement for that Purpose, Midway Field, Lafayette County, Arkansas

2. I hereby certify that a true and correct copy of the Notice attached hereto has been placed in the United States Mail, postage prepaid, on or before the 13th day of March, 2015, addressed to each of the parties named in the Application as Interested Parties, Exhibit A.

3. This Affidavit is made and executed based upon my own personal knowledge.

FURTHER Affiant sayeth not.

NICOLE FRAZIER

SUBSCRIBED AND SWORN to before me, a Notary Public, on this 30th day of January, 2015.

My Commission Expires:

Notary Public
March 13, 2015

Re: DOCKET REFERENCE NO. 042-2015-03

Application of C-12: Arkansas Oil, LLC for an Order Amending AOGC Order No.1-56, Midway Field Unit, for Conversion of the Existing Field-Wide Unit Operation to Allow for the Addition of Carbon Dioxide Injection, and Adopting a New Unit Agreement and Joint Operating Agreement for that Purpose, Midway Field, Lafayette County, Arkansas

Dear Interested Party:

C-12: Arkansas Oil, LLC, (“Applicant”) has filed an Application with the Arkansas Oil and Gas Commission for an Order Amending AOGC Order No.1-56, Midway Field Unit, for conversion of the existing field-wide Unit operation to allow for the addition of carbon dioxide injection, and adopting a new Unit Agreement and Joint Operating Agreement for that purpose, Midway Field, Lafayette County, Arkansas.

I have been retained to represent Applicant in its application before the Arkansas Oil & Gas Commission. Enclosed is a copy of the legal notice required by the regulations of the Arkansas Oil & Gas Commission. You have been identified as a party who should receive notice of the Application.

Respectfully Submitted,
PPGMR Law, PLLC

[Signature]

G. Alan Perkins
Attorney for C12: Arkansas Oil, LLC

GAP/nf
Enclosures
NOTICE OF PUBLIC HEARING

Pursuant to the provisions of Act 105 of the 52nd General Assembly and Act 937 of 1979 of the State of Arkansas and any Amendments thereof, notice is hereby given that a public hearing will be conducted at the office of the Arkansas Oil and Gas Commission on the date, time and location indicated on the following Agenda. The Commission has received applications and has been requested by interested parties to convene a hearing to receive evidence relative to the matters specified on the Hearing Agenda, and for the issuance of any rules and regulations that are found to be appropriate following the hearing. Due to the length of some docket items, the hearing may continue into the following day.

Information concerning or copies of the submitted applications are available for review at the Commission offices located at 301 Natural Resources Drive, Suite 102, Little Rock, Arkansas, phone number 501-683-5814; 2215 West Hillsboro, El Dorado, Arkansas; and 3309 Phoenix Avenue, Fort Smith, Arkansas. Please use the appropriate docket number in any inquiries to the Commission concerning this matter. Inquiries should be directed to the Legal Division, at the Little Rock address, or by e-mail at objections@aogc.state.ar.us

Any party who propose to oppose a filed application, shall notify, in writing, or via e-mail at objections@aogc.state.ar.us, the Hearing Officer or Director of the Arkansas Oil and Gas Commission, and the Applicant’s Attorney no later than the close of business on the Friday before the scheduled public hearing date indicated on the Hearing Agenda.

NOTICE IS HEREBY GIVEN that C-12: Arkansas Oil, LLC, (“Applicant”) has filed an Application with the Arkansas Oil and Gas Commission for an Order Amending AOGC Order No.1-56, Midway Field Unit, for conversion of the existing field-wide Unit operation to allow for the addition of carbon dioxide injection, and adopting a new Unit Agreement and Joint Operating Agreement for that purpose, Midway Field, Lafayette County, Arkansas. Said application will be heard by the Arkansas Oil and Gas Commission at a public hearing commencing at 9:00 am on March 31, 2015, or as soon thereafter as possible, at the Arkansas Game and Fish Commission, #2 Natural Resources Drive, Little Rock, AR 72205.

Re: DOCKET REFERENCE NO. 042-2015-03

Application of C-12: Arkansas Oil, LLC for an Order Amending AOGC Order No.1-56, Midway Field Unit, for Conversion of the Existing Field-Wide Unit Operation to Allow for the Addition of Carbon Dioxide Injection, and Adopting a New Unit Agreement and Joint Operating Agreement for that Purpose, Midway Field, Lafayette County, Arkansas

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