# State of New Mexico







Commissioner of Public Lands

January 5, 1982

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

Bass Enterprises Production Co. Fort Worth National Bank Building Fort Worth, Texas 76102

369

Re: 1982 Plan of Development for the Poker Lake Unit Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your 1982 Plan of Development for the Poker Lake Unit, Eddy County, New Mexico. Such plan proposes the drilling of Wells Nos. 52, 54, 55, 56 and 57. Our approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Division.

Enclosed is one approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY: RAY D. GRAHAM, Director, Oil and Gas Division AC 505/827-2748

AJA/RDG/pm encls.

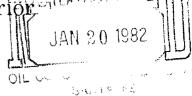
cc:

OCD-Santa Fe, New Mexico USGS-Albuquerque, New Mexico



# United States Department of the Interior

GEOLOGICAL SURVEY
South Central Region
P. O. Box 26124
Albuquerque, New Mexico 87125



JAN 1 9 1982

Bass Enterprises Production Company Attention: Mr. Jens Hansen Forth Worth National Bank Building Fort Worth, Texas 76102 366

#### Gentlemen:

An approved copy of your 1982 plan of development for the Poker Lake unit area, Eddy County, New Mexico is enclosed. Such plan, proposing the drilling of four Delaware and one Morrow well, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

FOR Gene F. Daniel
Deputy Conservation Manager
Oil and Gas

Enclosure

cc: NMOCD, Santa Fe



STATE OF NEW MEXICO

#### ENERGY AND MINERALS DEPARTMENT

**OIL CONSERVATION DIVISION** 

BRUCE KING GOVERNOR July 21, 1982

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

Bass Enterprises Production Co. Fort Worth National Bank Building Fort Worth, Texas 76102 366

Attention: Jens Hansen

Re: First Amendment to the 1982
Plan of Development for the
Poker Lake Unit and
Second Amendment to the 1982

Second Amendment to the 1982 Plan of Development for the Big Eddy Unit, Eddy County

Dear Mr. Hansen:

Enclosed please find an approved copy of the material referenced above. Such approval is contingent upon like approval by the Commissioner of Public Lands and the U. S. Minerals Management Service.

Sincerely,

W. PERRY PEARCE General Counsel

WPP/dr

cc: Commissioner of Public Lands - Santa Fe
 Minerals Management Service - Albuquerque
 OCD District Office

# BASS ENTERPRISES PRODUCTION CO. FORT WORTH NATIONAL BANK BUILDING FORT WORTH, TEXAS 76102

August 10, 1982

MINERAL MANAGEMENT SERVICE 505 Marquette Northwest Room 815 Albuquerque, New Mexico 88201 Attention: Joe Lara

COMMISSIONER OF PUBLIC LANDS State of New Mexico P. O. Box 1148 Santa Fe, New Mexico 87501

NEW MEXICO OIL CONSERVATION DIVISION P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Second Amendment to the 1982 Plan of Development for the Poker Lake Unit

366

Eddy County, New Mexico

#### Gentlemen:

In accordance with the terms and provisions of Section 10 of the Poker Lake Unit Agreement dated March 18, 1952, which provides that the Plan of Development may be modified when necessary to meet changing conditions, we propose the following change to the 1982 Plan of Development for the referenced Unit for your review and approval.

Bass is currently drilling the Poker Lake Unit Well #52 located in Section 33, T25S-R31E, which will be drilled to a depth sufficient to test the Morrow Formation. The well is currently drilling at a depth of approximately 8,000'. The Cherry Canyon interval of the Delaware Formation (6,050' through 6,088') was drill stem tested and logged after significant oil shows were detected when this interval was drilled. The results of the drill stem test and logging operation indicate this interval in the Delaware Formation has the potential to be commercially productive. Additional oil shows were present from 7,300' to 7,950' in the Delaware Group. As a result, we are interested in developing this shallow production as soon as possible, and to commence our Delaware development operations as close to the Poker Lake #52 Well as possible. Accordingly, we plan to commence the drilling of an 8,250' Delaware test at a location 1,980' FWL and 330' FSL, Section 28, T25S-R31E, as soon as a drilling permit is approved, a location can be built and a shallow rig obtained.

Therefore, we respectfully request that the 1982 Plan of Development be amended as follows:

AUG 16 1982
OIL CONSENSANTA FE

Mineral Management Service Commissioner of Public Lands New Mexico Oil Conservation Division August 10, 1982 Page 2

JH:ep Enclosure

Poker Lake Unit Well #57 - Originally approved as a Delaware Test to be drilled at a location in Section 20, T25S-R31E, Eddy County, New Mexico. We request this Well be moved to a location 1980 FWL and 330' FSL, Section 28, T25S-R31E, Eddy County, New Mexico, and drilled to a depth of 8250' to test the Delaware Formation.

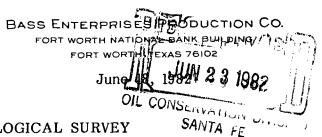
If this proposed amendment to the 1982 Plan of Development for the Poker Lake Federal Unit meets with your approval, please so indicate by signing one copy of this letter in the appropriate space provided below and return one copy to us for our records.

Sincerely. JENS HAN Division Landman AGREED TO AND ACCEPTED this /7 day of Ha MINERAL MANAGEMENT SERVICE

> By COMMISSIONER OF PUBLIC LANDS NEW MEXICO OIL CONSERVATION DIVISION

By M Very Deave

OIL CONSE SANTAIL



UNITED STATES GEOLOGICAL SURVEY Mineral Management Service 505 Marquette N. W. Rm. 815 Albuquerque, New Mexico 88201

COMMISSIONER OF PUBLIC LANDS State of New Mexico P. O. Box 1148 Santa Fe, New Mexico 87501

NEW MEXICO OIL CONSERVATION DIVISION P. O. Box 2088
Santa Fe, New Mexico 87501



Re: First Amendment to the

1982 Plan of Development for the

Poker Lake Unit and Second Amendment to the

1982 Plan of Development for the

Big Eddy Unit

Eddy County, New Mexico

#### Gentlemen:

In accordance with the terms and provisions of Section 10 of the Big Eddy Unit Agreement dated April 10, 1952, and the Poker Lake Unit Agreement dated March 18, 1952, which provides that the Plan of Development may be modified when necessary to meet changing conditions, we propose the following changes to the 1982 Plan of Development for the referenced Units for your review and approval.

Due to the discoveries made in the Poker Lake Unit Wells #49, #50 and #53, which could produce substantial reserves, the Unit Operator would like to immediately initiate additional drilling operations in excess of those provided for in the Poker Lake 1982 Plan of Development so as to accelerate the delineation of the reservoirs discovered in the above named wells. Due to the limited availability of rigs which are capable of drilling to these depths and the limited time left in the year 1982 for fulfillment of the Plan of Development for each of the referenced Units, we respectfully request that the following Wells which are scheduled to be drilled under the 1982 Plan of Development in the Big Eddy Unit be deferred to and drilled under the 1983 Plan of Development at the same locations and to the same depths:

Big Eddy Unit Well #91 - to be drilled in Section 19, T21S-R28E, Eddy County, New Mexico. This Well will be drilled to a depth sufficient to test the Morrow Formation.

Big Eddy Unit Well #98 - to be drilled in Section 29, T21S-R30E, Eddy County, New Mexico. This Well will be drilled to a depth sufficient in which to test the Morrow Formation.

UNITED STATES GEOLOGICAL SURVEY COMMISSIONER OF PUBLIC LANDS NEW MEXICO OIL CONSERVATION DIVISION June 18, 1982 Page Two

In lieu of drilling the Big Eddy Unit Wells #91 and #98 in the year 1982, the following Wells will be added to the 1982 Plan of Development for the Poker Lake Unit:

Poker Lake Unit Well #58 - 1980' FSL 1980' FWL, Section 27, T24S-R31E, Eddy County, New Mexico. This Well will be drilled to a depth of approximately 15,270' to test the Morrow Formation.

Poker Lake Unit Well #59 - 660' FSL 1980 FWL, Section 8, T24S-R30E, Eddy County, New Mexico. This Well will be drilled to an approximate depth of 14,445' to test the Morrow Formation.

These Amendments, if approved, will result in the drilling of a total of six Morrow wells in the Big Eddy Unit and four Delaware and three Morrow wells in the Poker Lake Unit, for the year 1982.

If this proposed Amendment to the 1982 Plan of Development for the Big Eddy and Poker Lake Federal Units meets with your approval, please so indicate by signing in the appropriate space provided below and return one (I) copy of this letter to us for our records.

ncerely,

JENS HANSEN

Division Landman

JH:ep

AGREED TO AND ACCEPTED this \_\_\_\_\_ day of \_\_\_\_\_\_, 1982.

UNITED STATES GEOLOGICAL SURVEY

By \_\_\_\_\_\_

COMMISSIONER OF PUBLIC LANDS

By \_\_\_\_\_\_

NEW MEXICO OIL CONSERVATION DIVISION

### State of New Mexico



ALEX J. ARMIJO COMMISSIONER



# Commissioner of Public Lands

June 28, 1982

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

Bass Enterprises Production Co. Fort Worth National Bank Building Fort Worth, Texas 76102

Re: First Amendment to the

1982 Plan of Development for the

Poker Lake Unit

Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your First Amendment to the 1982 Plan of Development for the Poker Lake Unit area. Such amendment proposes to add two additional Morrow development wells to this unit being the well Nos. 58 and 59. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the United States Minerals Management Service.

Enclosed is one approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

ALEX J. ARMIJO COMMISSIONER OF PUBLIC LANDS

BY:

FLOYD O. PRANDO, Assistant Director Oil and Gas Division AC 505/827-2748

AJA/FOP/pm encls.

cc:

OCD-Santa Fe, New Mexico USMMS-Albuquerque, New Mexico Administration

# A.A.P.L. FORM 610 - 1977

# MODEL FORM OPERATING AGREEMENT To delicate delication of the design of

#### OPERATING AGREEMENT

#### DATED

<u>July 1</u> , 19 <u>82</u> ,			
OPERATOR BASS ENTERPRISES PRODUCTION CO.			
CONTRACT AREA All of Section 20, all of Section 21, all of Section 22,			
all of Section 27, all of Section 28 and all of Section 29, T24S-R31E			

COUNTY OR PARISH OF Eddy STATE OF New Mexico

COPYRIGHT 1977 — ALL RIGHTS RESERVED AMERICAN ASSOCIATION OF PETROLEUM LANDMEN APPROVED FORM. A.A.P.L. NO. 610 - 1977 REVISED MAY BE ORDERED DIRECTLY FROM THE PUBLISHER KRAFTBILT PRODUCTS, BOX 800, TULSA, OK 74101

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#### OPERATING AGREEMENT

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THIS AGREEMENT, entered into by and between BASS ENTERPRISES PRODUCTION CO. \_, hereinafter designated and

referred to as "Operator", and the signatory party or parties other than Operator, sometimes hereinafter referred to individually herein as "Non-Operator", and collectively as "Non-Operators",

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#### WITNESSETH:

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WHEREAS, the parties to this agreement are owners of oil and gas leases and/or oil and gas interests in the land identified in Exhibit "A", and the parties hereto have reached an agreement to explore and develop these leases and or oil and gas interests for the production of oil and gas to the extent and as hereinafter provided:

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NOW, THEREFORE, it is agreed as follows:

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#### ARTICLE I. DEFINITIONS

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

A. The term "oil and gas" shall mean oil, gas, casinghead gas, gas condensate, and 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.

B. The terms "oil and gas lease", "lease" and "leasehold" shall mean the oil and gas leases covering tracts of land lying within the Contract Area which are owned by the parties to this agreement.

C. The term "oil and gas interests" shall mean unleased fee and mineral interests in tracts of land lying within the Contract Area which are owned by parties to this agreement.

D. The term "Contract Area" shall mean all of the lands, oil and gas leasehold interests and oil and gas interests intended to be developed and operated for oil and gas purposes under this agreement. Such lands, oil and gas leasehold interests and oil and gas interests are described in Exhibit "A".

E. The term "drilling unit" shall mean the area fixed for the drilling of one well by order or rule of any state or federal body having authority. If a drilling unit is not fixed by any such rule or order, a drilling unit shall be the drilling unit as established by the pattern of drilling in the Contract Area or as fixed by express agreement of the Drilling Parties.

F. The term "drillsite" shall mean the oil and gas lease or interest on which a proposed well is to be located.

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

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

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Unless the context otherwise clearly indicates, words used in the singular include the plural, the plural includes the singular, and the neuter gender includes the masculine and the feminine.

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#### ARTICLE II. EXHIBITS

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

- [X] A. Exhibit "A", shall include the following information:
  - (1) Identification of lands subject to agreement,
  - (2) Restrictions, if any, as to depths or formations,
  - (3) Percentages or fractional interests of parties to this agreement,
  - (4) Oil and gas leases and/or oil and gas interests subject to this agreement,
  - (5) Addresses of parties for notice purposes.
- [X B. Exhibit "B", Form of Lease.
- X C. Exhibit "C", Accounting Procedure.
  X D. Exhibit "D", Insurance.
- 🔀 E. Exhibit "E", Gas Balancing Agreement.
- [X F. Exhibit "F", Non-Discrimination and Certification of Non-Segregated Facilities.

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If any provision of any exhibit, except Exhibit "E", is inconsistent with any provision contained in the body of this agreement, the provisions in the body of this agreement shall prevail.

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# ARTICLE III. INTERESTS OF PARTIES

#### A. Oil and Gas Interests:

If any party owns an unleased oil and gas interest in the Contract Area, that interest shall be treated for the purpose of this agreement and during the term hereof as if it were a leased interest under the form of oil and gas lease attached as Exhibit "B". As to such interest, the owner shall receive royalty on production as prescribed in the form of oil and gas lease attached hereto as Exhibit "B". Such party shall, however, be subject to all of the provisions of this agreement relating to lessees, to the extent that it owns the lessee interest.

#### B. Interest of Parties in Costs and Production:

Exhibit "A" lists all of the parties and their respective percentage or fractional interests under this agreement. Unless changed by other provisions, all costs and liabilities incurred in operations under this agreement shall be borne and paid, and all equipment and material acquired in operations on the Contract Area shall be owned by the parties as their interests are shown in Exhibit "A". All production of oil and gas from the Contract Area, subject to the payment of lessor's royalties which will be borne by the Joint Account, shall also be owned by the parties in the same manner during the term hereof; provided, however, this shall not be deemed an assignment or cross-assignment of interests covered hereby.

# ARTICLE IV.

#### A. Title Examination:

Title examination shall be made on the drillsite of any proposed well prior to commencement of drilling operations or, if the Drilling Parties so request, title examination shall be made on the leases and or oil and gas interests included, or planned to be included, in the drilling unit around such well. The opinion will include the ownership of the working interest, minerals, royalty, overriding royalty and production payments under the applicable leases. At the time a well is proposed, each party contributing leases and or oil and gas interests to the drillsite, or to be included in such drilling unit, shall furnish to Operator all abstracts (including Federal Lease Status Reports), title opinions, 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 title, shall be obtained by Operator. Operator shall cause title to be examined by attorneys on its staff or by outside attorneys. Copies of all title opinions shall be furnished to each party hereto. The cost incurred by Operator in this title program shall be borne as follows:

Option No. 1: Costs incurred by Operator in procuring abstracts and title examination (including preliminary, supplemental, shut-in gas royalty opinions and division order title opinions) shall be a part of the administrative overhead as provided in Exhibit "C," and shall not be a direct charge, whether performed by Operator's staff attorneys or by outside attorneys.

[X] Option No. 2: Costs incurred by Operator in procuring abstracts and fees paid outside attorneys for title examination (including preliminary, supplemental, shut-in gas royalty opinions and division order title opinions) shall be borne by the Drilling Parties in the proportion that the interest of each Drilling 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. The Operator shall be responsible for the preparation and recording of Pooling Designations or Declarations as well as the conduct of hearings before Governmental Agencies for the securing of spacing or pooling orders. This shall not prevent any party from appearing on its own behalf at any such hearing.

No well shall be drilled on the Contract Area until after (1) the title to the drillsite or drilling unit has been examined as above provided, and (2) the title has been approved by the examining attorney or title has been accepted by all of the parties who are to participate in the drilling of the well.

#### B. Loss of Title:

1. Failure of Title: Should any oil and gas interest or lease, or interest therein, be lost through failure of title, which loss results in a reduction of interest from that shown on Exhibit "A", the party contributing the affected lease or interest shall have ninety (90) days from final determination of ritle 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 failing to do so this agreement, nevertheless, shall continue in force as to all remaining oil and gas lesses and interests, and

(a) The party whose oil and gas lease or interest is affected by the title failure 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 theretofore paid, but there shall be no monetary liability on its part to the other parties hereto for drilling, development, operating or other similar costs by reason of such title failure; and

- (b) There shall be no retroactive adjustment of expenses incurred or revenues received from the operation of the interest which has been lost, but the interests of the parties shall be revised on an acreage 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 interest lost; and
- (c) If the proportionate interest of the other parties hereto in any producing well theretofore drilled on the Contract Area is increased by reason of the title failure, the party whose title has failed shall receive the proceeds attributable to the increase in such interests (less costs and burdens attributable thereto) until it has been reimbursed for unrecovered costs paid by it in connection with such well; and
- (d) Should any person not a party to this agreement, who is determined to be the owner of any interest in the title 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: and
- (e) Any liability to account to a third party for prior production of oil and gas which arises by reason of title failure shall be borne by the party or parties in the same proportions in which they shared in such prior production; and
- (f) No charge shall be made to the joint account for legal expenses, fees or salaries, in connection with the defense of the interest claimed by any party hereto, it being the intention of the parties hereto that each shall defend title to its interest and bear all expenses in connection therewith.
- 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, is not paid or is erroneously paid, and as a result a lease or interest therein 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 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 shall be revised on an acreage basis, effective as of the date of termination of the lease 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. In the event 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 interest, calculated on an acreage basis, for the development and operating costs theretofore paid on account of such interest, it shall be reimbursed for unrecovered actual costs theretofore 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, less operating expenses, theretofore accrued to the credit of the lost interest, on an acreage basis, up to the amount of unrecovered costs;
- (b) Proceeds, less operating expenses, thereafter accrued attributable to the lost interest on an acreage basis, of that portion of oil and gas thereafter produced and marketed (excluding production from any wells thereafter drilled) which, in the absence of such lease termination, would be attributable to the lost interest on an acreage basis, up to the amount of unrecovered costs, the proceeds of said portion of the oil and gas to be contributed by the other parties in proportion to their respective interests; 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 the interest lost, for the privilege of participating in the Contract Area or becoming a party to this agreement.
- 3. Other Losses: All losses incurred, other than those set forth in Articles IV.B.1. and IV.B.2. above, shall not be considered failure of title but shall be joint losses and shall be borne by all parties in proportion to their interests. There shall be no readjustment of interests in the remaining portion of the Contract Area.

ARTICLE V. OPERATOR

A. DESIGNATION AND RESPONSIBILITIES OF OPERATOR:

#### BASS ENTERPRISES PRODUCTION CO.

shall be the

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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. It shall conduct all such operations in a good and workmanlike manner, but it shall have no liability as Operator to the other parties for losses sustained or liabilities incurred, except such as may result from gross negligence or willful misconduct.

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#### B. Resignation or Removal of Operator and Selection of Successor:

- 1. Resignation or Removal 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 in the Contract Area, or is no longer capable of serving as Operator, it shall cease to be Operator without any action by Non-Operator; except the selection of a successor. Operator may be removed if it fails or refuses to carry out its duties hereunder, or becomes insolvent, bankrupt or is placed in receivership, by the affirmative vote of two (2) or more Non-Operators owning a majority interest based on ownership as shown on Exhibit "A", and not on the number of parties remaining after excluding the voting interest of Operator. Such resignation or removal shall not become effective until 7:00 o'clock A.M. on the first day of the calendar month following the expiration of ninety (90) days after the giving of notice of resignation by Operator or action by the Non-Operators to remove Operator, unless a successor Operator has been selected and assumes the duties of Operator at an earlier date. Operator, after effective date of resignation or removal, shall be bound by the terms hereof as a Non-Operator. A change of a corporate name or structure of Operator or transfer of Operator's interest to any single subsidiary, parent or successor corporation shall not be the basis for removal of Operator.
- 2. <u>Selection of Successor Operator</u>: Upon the resignation or removal of Operator, 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. If the Operator that is removed fails to vote or votes only to succeed itself, 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", and not on the number of parties remaining after excluding the voting interest of the Operator that was removed.

#### C. Employees:

The number of employees 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 shall be the employees of Operator.

#### D. Drilling Contracts:

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.

# ARTICLE VI. DRILLING AND DEVELOPMENT

#### A. Initial Well:

On or before the <u>1st</u> day of <u>September</u>, 1982, Operator shall commence the drilling of a well for oil and gas at the following location:

1980' FSL and 1980' FWL, Section 27, T24S-R31E, Eddy County, New Mexico

and shall thereafter continue the drilling of the well with due diligence to a depth of approximately 15,270', or to a depth adequate to test the Morrow Foundation.

unless granite or other practically impenetrable substance or condition in the hole, which renders further drilling impractical, is encountered at a lesser depth, or unless all parties agree to complete or abandon the well at a lesser depth.

Operator shall make reasonable tests of all formations encountered during drilling which give indication of containing oil and gas in quantities sufficient to test, unless this agreement shall be limited in its application to a specific formation or formations, in which event Operator shall be required to test only the formation or formations to which this agreement may apply.

If, in Operator's judgment, the well will not produce oil or gas in paying quantities, and it wishes to plug and abandon the well as a dry hole, it shall first secure the consent of all parties and shall plug and abandon same as provided in Article VI.E.I. hereof.

\*unless an affiliated entity retains an interest in the Contract Area,

- 4 -

#### B. Subsequent Operations:

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- 1. Proposed Operations: Should any party hereto desire to drill any well on the Contract Area other than the well provided for in Article VI.A., or to rework, deepen or plug back a dry hole drilled at the joint expense of all parties or a well jointly owned by all the parties and not then producing in paying quantities, the party desiring to drill, rework, deepen or plug back such a well shall give the other parties written notice of the proposed operation, specifying the work to be performed, the location, proposed depth, objective formation and the estimated cost of the operation. The parties receiving such a notice shall have thirty (30) days after receipt of the notice within which to notify the parties wishing to do the work whether they elect to participate in the cost of the proposed operation. If a drilling rig is on location, notice of proposal to rework, plug back or drill deeper may be given by telephone and the response period shall be limited to forty-cight (48) hours, exclusive of Saturday, Sunday/or legal holidays. Failure of a party receiving such notice 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 notice or response given by telephone shall be promptly confirmed in writing.

  \*(hereinafter sometimes referred to as "proposed operation")
- 2. Operations by Less than All Parties: If any party receiving such notice as provided in Article VI.B.1. or VI.E.1. 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, within sixty (60) days after the expiration of the notice period of thirty (30) days (or as promptly as possible after the expiration of the forty-eight (48) hour period where the drilling rig is on location, as the case may be) actually commence work on 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: (a) request Operator to perform the work required by such proposed operation for the account of the Consenting Parties, or (b) designate one (1) of the Consenting Parties as Operator to perform such work. Consenting Parties, when conducting operations on the Contract Area pursuant to this Article VI.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 the Consenting Parties of (a) the total interest of the parties approving such operation, and (b) its recommendation as to whether the Consenting Parties should proceed with the operation as proposed. Each Consenting Party, within forty-eight (48) hours (exclusive of Saturday, Sunday or legal holidays) after receipt of such notice, shall advise the proposing party of its desire to (a) limit participation to such party's integest as shown on Exhibit "A", or (b) carry its proportionate part of Non-Consenting Parties' interest. The proposing party, at its election, may withdraw such proposal if there is insufficient participation, and shall promptly notify all parties of such decision. (\*\*Failure to timely advise the proposing party shall be deemed an election under (a))

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 an operation results in a trestore the consenting Parties shall plug and abandon the well at their sole surface. cost, risk and expense. If any well drilled, reworked, deepened or plugged back under the provisions of this Article results in a producer of 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 and shall be operated by it at the expense and for the account of the Consenting Parties. Upon commencement of operations for the drilling, reworking, deepening or plugging back of any such well 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 and share of production therefrom until the proceeds of the sale of such share, calculated at the well, or market value thereof if such share is not sold (after deduction for excluded by Article VIII in production taxes/ royalty, overriding royalty and other interests existing on the effective date hereof, payable out of or measured by the production from such well accruing with respect to such interest until it reverts) shall equal the total of the following:

(a) 150% of each such Non-Consenting Party's share of the cost of any newly acquired surface equipment beyond the wellhead connections (including, but not limited to, stock tanks, separators, treaters, pumping equipment and piping), plus 100% of each such Non-Consenting Party's share of the cost of operation of the well commencing with first production and continuing until each such Non-Consenting Party's relinquished interest shall revert to it under other provisions of this Article, it being agreed that each Non-Consenting Party's share of such costs and equipment will be that interest which would have been chargeable to each Non-Consenting Party had it participated in the well from the beginning of the operation; and

<sup>(</sup>b) 400% of that portion of the costs and expenses of drilling reworking, deepening, or plugging back, testing and completing, after deducting any cash contributions received under Article VIII.C., and \*\*\* - See Article XV.E. hereof \*\*\*\* - and Article XV.A. hereof

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400% of that portion of the cost of newly acquired equipment in the well (to and including the well-head connections), which would have been chargeable to such Non-Consenting Party if it had participated therein.

Any Gas production attributable to any Non-Consenting Party's relinquished interest upon such Party's election, shall be sold to its purchaser, if available, under the terms of its existing gas sales contract. Such Non-Consenting Party shall direct its purchaser to remit the proceeds receivable from such sale direct to the Consenting Parties until the amounts provided for in this Article are recovered from the Non-Consenting Party's relinquished interest. If such Non-Consenting Party has not production production by contracted for sale of its gas at the time such gas is available for delivery, or has not made the election as provided above, the Consenting Parties shall own and be entitled to receive and sell such Non-Consenting Party's share of gas as hereinabove provided during the recoupment period.

During the period of time Consenting Parties are entitled to receive Non-Consenting Party's share of production, or the proceeds therefrom, Consenting Parties shall be responsible for the payment of all production, severance, gathering and other taxes, and all royalty, overriding royalty and other burdens applicable to Non-Consenting Party's share of productionnot excepted by Article VIII.D.

In the case of any reworking, plugging back or deeper drilling operation, the Consenting Parties shall be permitted to use, free of cost, all casing, tubing and other equipment in the well, but the ownership of all such equipment shall remain unchanged; and upon abandonment of a well after such reworking, plugging back or deeper drilling, the Consenting Parties shall account for all such equipment to the owners thereof, with each party receiving its proportionate part in kind or in value, less cost of salvage.

Within sixty (60) days after the completion of any operation under this Article, the party conducting the operations for the Consenting Parties shall furnish each Non-Consenting Party with an inventory of the equipment in and connected to the well, and an itemized statement of the cost of drilling, deepening, plugging back, testing, completing, and equipping the well for production; or, at its option, the operating party, in lieu of an itemized statement of such costs of operation, may submit a detailed statement of monthly billings. Each month thereafter, during the time the Consenting Parties are being reimbursed as provided above, the Party conducting the operations for the Consenting Parties shall furnish the Non-Consenting Parties with an itemized statement of all costs and liabilities incurred 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 well's 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, and, from and after such reversion, such Non-Consenting Party shall own the same interest in such well, the material and equipment in or pertaining thereto, and the production therefrom as such Non-Consenting Party would have been entitled to had it participated in the drilling, reworking, deepening 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 the Accounting Procedure, attached hereto.

Notwithstanding the provisions of this Article VI.B.2., it is agreed that without the mutual consent of all parties, no wells shall be completed in or produced from a source of supply from which a well located elsewhere on the Contract Area is producing, unless such well conforms to the then-existing well spacing pattern for such source of supply.

The provisions of this Article shall have no application whatsoever to the drilling of the initial well described in Article VI.A. except (a) when Option 2, Article VII.D.1., has been selected, or (b) to the reworking, deepening and plugging back of such initial well, if such well is or thereafter shall prove to be a dry hole or non-commercial well, after having been drilled to the depth specified in Article VI.A.

#### C. Right to Take Production in Kind:

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/for marketing purposes and production unavoidably lost. Any extra expenditure 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 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 direct from the purchaser thereof for its share of all production.

In the event any party shall fail to make the arrangements necessary to take in kind or separately dispose of its proportionate share of the oil and gas 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 gas or sell it to others at any time and from time to time, for the account of the non-taking party at the best price obtainable in the area for such production. Any such purchase or sale by Operator shall be subject always to the right of the owner of the production to exercise at any time its right to take in kind, or separately dispose of, its share of all oil and gas not previously delivered to a purchaser. Any purchase or sale by Operator of any other party's share of oil and 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. Notwithstanding the foregoing, Operator shall not make a sale, including one into interstate commerce, of any other party's share of gas production without first giving such other party thirty (30) days notice of such intended sale.

In the event one or more parties' separate disposition of its share of the gas causes split-stream deliveries to separate pipelines and or deliveries which on a day-to-day basis for any reason are not exactly equal to a party's respective proportionate share of total gas sales to be allocated to it, the balancing or accounting between the respective accounts of the parties shall be in accordance with any Gas Balancing Agreement between the parties hereto, whether such Agreement is attached as Exhibit "E", or is a separate Agreement.

#### D. Access to Contract Area and Information:

Each party shall have access to the Contract Area at all reasonable times, at its sole risk to inspect or observe operations, and shall have access at reasonable times to information pertaining to the development or operation thereof, including Operator's books and records relating thereto. Operator, upon request, shall furnish each of the other parties with copies of all forms or reports filed with governmental agencies, daily drilling reports, well logs, tank tables, daily gauge and run tickets and reports of stock on hand at the first of each month, and shall make available samples of any cores or cuttings taken from any well drilled on the Contract Area. The cost of gathering and furnishing information to Non-Operator, other than that specified above, shall be charged to the Non-Operator that requests the information.

#### E. Abandonment of Wells:

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- 1. Abandonment of Dry Holes: Except for any well drilled pursuant to Article VI.B.2., any well which has been drilled 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 or legal holidays) after receipt 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 of such well. Any party who objects to the plugging and abandoning such well shall have the right to take over the well and conduct further operations in search of oil and/or gas subject to the provisions of Article VI.B.
- 2. Abandonment of Wells that have Produced: Except for any well which has been drilled or reworked pursuant to Article \*\frac{1}{2} B.2. hereof for which the Consenting Parties have not been fully reimbursed as therein provided, any well which has been completed as a producer shall not be plugged and abandoned without the consent of all parties. 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. If, within thirty (30) days after receipt of notice of the proposed abandonment of such well, all parties do not agree to the abandonment of any well, those wishing to continue its operation shall tender to each of the other parties its proportionate share of the value of the well's salvable 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. Each abandoning party shall assign to the non-abandoning parties, without warranty, express or implied, as to title or as to quantity, quality, or fitness for use of the equipment and material, all of its interest in the well and related equipment, together with its interest in the leasehold estate as to, but only as to, the interval or intervals of the formation or formations then open to production. If the interest of the abandoning party is or includes an 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 interval or intervals of the formation or formations then open to production, for a term of one year and so long thereafter as oil and/or gas is produced from the interval or inter-\*non-consent, deepening and sidetract operations shall be equally excepted \*\* - See Article  $\lambda V.E.$

vals of the formation or formations covered thereby, such lease to be on the form attached as Exhibit "B". The assignments or leases so limited shall encompass the "drilling unit" upon which the well is located. The payments by, and the assignments or leases to, the assignees shall be in a ratio based upon the relationship of their respective percentages 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 interest in the remaining portion 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 interval or intervals 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 depletion of the producing interval(a) the interest assigned of leased shall revert to the assignor or lessor who shall then have the right to repurchase its prior interest in the well (using the same valuation formula) and participate in further operations therein subject to the provisions hereof. ARTICLE VII.

#### EXPENDITURES AND LIABILITY OF PARTIES

#### A. Liability of Parties:

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. It is not the intention of the parties to create, nor shall this agreement be construed as creating, a mining or other partnership or association, or to render the parties liable as partners.

#### B. Liens and Payment Defaults:

Each Non-Operator grants to Operator a lien upon its oil and gas rights in the Contract Area, and a security interest in its share of oil and or gas when extracted and its interest in all equipment, to secure payment of its share of expense, together with interest thereon at the rate provided in the Accounting Procedure attached hereto as Exhibit "C". To the extent that Operator has a security interest under the Uniform Commercial Code of the State, Operator 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 Operator for the secured indebtedness shall not be deemed an election of remedies or otherwise affect the lien rights or security interest as security for the payment thereof. In addition, upon default by any Non-Operator in the payment of its share of expense, Operator shall have the right, without prejudice to other rights or remedies, to collect from the purchaser the proceeds from the sale of such Non-Operator's share of oil and or gas until the amount owed by such Non-Operator, plus interest has been paid. Each purchaser shall be entitled to rely upon Operator's written statement concerning the amount of any default. Operator grants a like lien and security interest to the Non-Operators to secure payment of Operator's proportionate share of expense.

If any party falls or is unable to pay its share of expense within sixty (60) 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. Each party so paying its share of the unpaid amount shall, to obtain reimbursement thereof, be subrogated to the security rights described in the foregoing paragraph.

#### C. Payments and Accounting:

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 the Accounting Procedure attached hereto as Exhibit "C". Operator shall keep an accurate record of the joint account hereunder, showing expenses incurred and charges and credits made and

Operator, at its election, shall have the right from time to time to demand and receive from 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 month, which right may be exercised only by submission to each such party of an itemized statement of 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 month. 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, Address to the English

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And the cessary expenditures for the drilling or deepening and testing of the well. When such well has reached its authorized depth, and all tests have been completed Operators shall give immediate notice to the Non-Operators who have the right to participate in the completion costs. The parties receiving such notice shall have forty-eight (48) hours (exclusive of Saturday, Sunday and legal her) when made, shall include consent to all necessary expenditures for the completion attempt when made, shall include consent to all necessary expenditures for the completion attempt when made, shall include consent to all necessary expenditures for the completion attempt when made, shall include consent to all necessary expenditures for the completion attempt to reply within the period above fixed shall constitute to reply within the period above fixed shall constitute to attempt a completion, the province of attempt a completion attempt. the operations thereafter conducted by less than all parties.

2. Rework or Plug Back: Without the consent of all parties, no well shall be reworked or plugged back except a well reworked or plugged back pursuant to the provisions of Article VI.B.2. of this agreement, it being understood that the consent to the reworking or plugging back of a well shall include consent to all necessary expenditures in conducting such operations and completing and equipping of said well, including necessary tankage and/or surface facilities.

Except as herein provided
3. Other Operations Operator shall not undertake any single project reasonably estimated to require an expenditure in excess of <u>twenty five thousand</u> \_\_\_\_\_\_ Dollars (\$\_\_25,000.00\_\_\_) except in connection with a well, the drilling, reworking, deepening, completing, recompleting, or plugging back of which has been previously authorized by or pursuant to this agreement; provided, however, that, in case of explosion, fire, flood or other sudden 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 "Authority for Expenditures" for its own use, Operator, upon request, shall furnish copies of its "Authority for Expenditures" for any single project \_\_\_\_\_ Dollars (\$\_15,000.00 costing in excess of \_\_\_\_ \_fifteen\_thousand\_

4. See Page 9a

#### E. Royalties, Overriding Royalties and Other Payments:

Each party shall pay or deliver, or cause to be paid or delivered, all royalties to the extent of one-eighth (1/8) \_due on its share of production and shall hold the other parties free from any liability therefor. If the interest of any party in any oil and gas lease covered by this agreement is subject to any burden; overriding royalty, production payment, or other charge over and above the aforesaid royalty, such party shall assume and alone bear all such obligations and shall account for or cause to be accounted for, such interest to the owners thereof.

No party shall ever be responsible, on any price basis higher than the price received by such party, to any other party's lessor or royalty owner; and if any such other party's lessor or royalty owner should demand and receive settlements on a higher price basis, the party contributing such lease shall bear the royalty burden insufar as such higher price is concurred. difference.

#### F. 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 at its 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

Operator shall notify Non-Operator of the anticipated completion of a shut-in gas well, or the shutting in on return to production of a producing gas well, at least five (5) days (excluding Saturday, Sunday and/holidays), or at the earliest opportunity permitted by circumstances, prior to taking such action, but assumes no liability for failure to do so. In the event of failure by Operator to so notify Non-Operator, the loss of any lease contributed hereto by Non-Operator for failure to make timely payments

AFE Limitation: Notwithstanding anything hereinabove to the contrary, in the event it appears that the actual costs and expenses to be incurred in the proposed operation will exceed one hundred twenty-five percent (125%) of the estimated costs and expenses therefor as set forth in the most recent Authorization for Expenditures ("AFE") mutually agreed upon by the Consenting Parties, then any of such Consenting Parties shall have the right (subject to the obligation to pay their pro rata share of the 125% of the costs set forth in the last mutually agreed upon AFE) to elect to become a Non-Consenting [arty and be governed by Article VI.B.2. hereof. The additional costs and expenses incurred in the proposed operation by any of the other Consenting Parties and the penalties provided for in Article VI.B.2. (b) hereof, as modified below, shall be based upon only those costs and expenses exceeding 125% of the last mutually agreed upon AFE which would have been chargeable to the Non-Consenting Party if it had continued to participate in the operations being conducted. The election provided above must be sent in writing by the Party making such election to each of the Consenting Parties within five (5) days after: (1) Such Party sending the notice has actually paid 125% of the costs and expenses set forth on the last mutually approved AFE, (2) Such Party has received from the Operator a proposed revised AFE setting forth costs and expenses totaling more than 125% of the last mutually approved AFE, or (3) Such Party has received a daily drilling report which shows that the cumulative costs and expenses incurred in the proposed operation has exceeded 125% of the last mutually approved AFE, whichever shall first occur. The Operator shall furnish all Consenting Parties with daily drilling reports which shall show the cummulative costs and expenses which have been incurred in the proposed operation. addition, a proposed revised AFE shall be prepared by the Operator and furnished to all Consenting Parties immediately after that point in time when the operator estimates that costs and expenses have been incurred which total more than 125% of the last mutually approved AFE.

In the event a Party elects to be a Non-Consenting Party under the provisions of this Article VII.D.2., the penalties provided for in Article VI.B.2.(b) shall be reduced from 400% to 150%.

These provisions shall never be applicable to emergency situations such as blowouts and other catastrophies and all Consenting Parties shall continue to be liable for their proportionate share of all costs until such emergency situation has been resolved and all costs associated therewith, including the cost of any damages which may have been incurred, have been paid.

of any shut-in well payment shall be borne jointly by the parties hereto under the provisions of Article IV.B.3.

#### G. Taxes:

Beginning with the first calendar year after the effective date hereof, Operator shall render for ad valorem taxation all property subject to this agreement which by law should be rendered for such taxes, and it shall pay all such taxes assessed thereon before they become delinquent. Prior to the rendition date, each Non-Operator shall furnish Operator information as to burdens (to include, but not be limited to, royalties, overriding royalties and production payments) on leases and oil and gas interests contributed by such Non-Operator. If the assessed valuation of any leasehold estate is reduced by reason of its being subject to outstanding excess royalties, overriding royalties or production payments, the reduction in ad valorem taxes resulting therefrom shall inure to the benefit of the owner or owners of such leasehold estate, and Operator shall adjust the charge to such owner or owners so as to reflect the benefit of such reduction. Operator shall bill other parties for their proportionate share of all tax payments in the manner provided in Exhibit "C".

If Operator considers any tax assessment improper, Operator may, at its discretion, protest within the time and manner prescribed by law, and prosecute the protest to a final determination, unless all parties agree to abandon the protest prior to final determination. During the pendency of administrative or judicial proceedings, Operator may elect to pay, under protest, all such taxes and any interest and penalty. When any such protested assessment shall have been finally determined, Operator shall pay the tax for the joint account, together with any interest and penalty accrued, and the total cost shall then be assessed against the parties, and be paid by them, as provided in Exhibit "C".

Each party shall pay or cause to be paid all production, severance, gathering and other taxes imposed upon or with respect to the production or handling of such party's share of oil and/or gas produced under the terms of this agreement.

#### H. Insurance:

At all times while operations are conducted hereunder, Operator shall comply with the Workmen's Compensation Law 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 an amount equivalent to/the premium which would have been paid had such insurance been obtained. Operator shall also carry or provide insurance for the benefit of the joint account of the parties as outlined in Exhibit "D", attached to and made a part hereof. Operator shall require all contractors engaged in work on or for the Contract Area to comply with the Workmen's 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 Public 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 fully owned automotive equipment.

# ARTICLE VIII. 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, and other 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 desiring to surrender it. If the interest of the assigning party includes an oil and gas interest, the assigning party shall execute and deliver to the party or parties not desiring to surrender an oil and gas lease covering such oil and gas interest for a term of one year and so long thereafter as oil and/or gas is produced from the land covered thereby, such lease to be on the form attached hereto as Exhibit "B". Upon such assignment, the assigning party shall be relieved from all obligations thereafter accruing, but not theretofore accrued, with respect to the acreage assigned and the operation of any well thereon, and the assigning party shall have no further interest in the lease assigned and its equipment and production other than the royalties retained in any lease made under the terms of this Article. The parties assignee shall pay to the party assignor the reasonable salvage value of the latter's interest in any wells and equipment on the assigned acreage. The value of all material 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. If the assignment is in favor of more than one party, the assigned interest shall

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be shared by the parties assignee in the proportions that the interest of each bears to the interest of all parties assignee.

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

#### B. Renewal or Extension of Leases:

 If any party secures a renewal of any oil and gas lease subject to this Agreement, all other parties shall be notified promptly, and shall have the right for a period of thirty (30) days following receipt of such notice in which to elect to participate in the ownership of the renewal lease, insofar as such lease affects lands within the Contract Area, by paying to the party who acquired it their several proper proportionate shares of the acquisition cost allocated to that part of such lease within the Contract Area, which shall be in proportion to the interests held at that time by the parties in the Contract Area.

If some, but less than all, of the parties elect to participate in the purchase of a renewal 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 lease. Any renewal lease in which less than all parties elect to participate shall not be subject to this agreement.

Each party who participates in the purchase of a renewal lease shall be given an assignment of its proportionate interest therein by the acquiring party.

The provisions of this Article shall apply to renewal 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 lease taken before the expiration of its predecessor lease, or taken or contracted for within six (6) months after the expiration of the existing lease shall be subject to this provision; 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 lease and shall not be subject to the provisions of this agreement.

The provisions in this Article shall apply also and in like manner 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 toward 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. If all parties hereto are Drilling Parties and accept such tender, such acreage shall become a part of the Contract Area and be governed by the provisions of this agreement. If less than all parties hereto are Drilling Parties and accept such tender, such acreage shall not become a part of the Contract Area. Each party shall promptly notify all other parties of all acreage or money contributions it may obtain in support of any well or any other operation on the 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. Subsequently Created Interest:

 Notwithstanding the provisions of Article VIII.E. and VIII.G., if any party hereto shall, subsequent to execution of this agreement, create an overriding royalty, production payment, or net proceeds interest, which such interests are hereinafter referred to as "subsequently created interest", such subsequently created interest shall be specifically made subject to all of the terms and provisions of this agreement, as follows:

1. If non-consent operations are conducted pursuant to any provision of this agreement, and the party conducting such operations becomes entitled to receive the production attributable to the interest out of which the subsequently created interest is derived, such party shall receive same free and clear of such subsequently created interest. The party creating same shall bear and pay all such subsequently created interests and shall indemnify and hold the other parties hereto free and harmless from any and all liability resulting therefrom.

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2. If the owner of the interest from which the subsequently created interest is derived (1) fails to pay, when due, its share of expenses chargeable hereunder, or (2) elects to abandon a well under provisions of Article VI.E. hereof, or (3) elects to surrender a lease under provisions of Article VIII.A. hereof, the subsequently created interest shall be chargeable with the pro rata portion of all expenses hereunder in the same manner as if such interest were a working interest. For purposes of collecting such chargeable expenses, the party or parties who receive assignments as a result of (2) or (3) above shall have the right to enforce all provisions of Article VII.B. hereof against such subsequently created interest.

#### E. Maintenance of Uniform Interest:

For the purpose of maintaining uniformity of ownership in the oil and gas leasehold interests covered by this agreement, and notwithstanding any other provisions to the contrary, no party shall sell, encumber, transfer or make other disposition of its interest in the leases embraced within the Contract Area and in wells, equipment and production unless such disposition covers either:

1. the entire interest of the party in all leases and equipment and production; or

2. an equal undivided interest in all leases and equipment and production in the Contract Area.

Every such sale, encumbrance, transfer or other disposition made by any party shall be made ex-

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 such party's

share of the joint expenses, and to deal generally with, and with power to bind, the co-owners of such party's interests 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 hereof.

#### F. Waiver of Right 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.

#### G. Preferential Right to Purchase:

Should any party desire 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 rale, which shall include the name and address of the prospective purchaser (who must be ready, willing and able to purchase), the purchase price, and all other terms of the offer. The other parties shall then have an optional prior right, for a period of ten (10) days after receipt of the notice, to purchase on the same terms and conditions the interest which the other party proposes to rell; and, if this optional right is exercised, the purchasing parties shall share the purchased 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 to dispose of its interests by merger, reorganization, consolidation, or sale of all or substantially all of its assets to a subsidiary or parent company or to a subsidiary of a purent company, or to any company in which any one party owns a majority of the stock.

# ARTICLE IX. INTERNAL REVENUE CODE ELECTION

This agreement is not intended to create, and shall not be construed to create, a relationship of partnership or an association for profit between or among the parties hereto. Notwithstanding any provisions herein that the rights and liabilities hereunder are several and not joint or collective, or that this agreement and operations hereunder shall not constitute a partnership, if, for Federal income tax purposes, this agreement and the operations hereunder are regarded as a partnership, each party hereby 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 1954, 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 Federal Internal Revenue Service, including specifically, but not by way of limitation, all of the returns, statements, and the data required by Federal Regulations 1.761. Should there be any requirement that each party hereby affected give further evidence of this election, 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 notices or take any other 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 Internal Revenue Code of 1954, 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.

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## ARTICLE X. CLAIMS AND LAWSUITS

# ARTICLE XI. FORCE MAJEURE

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 make money payments, that party shall give to all other parties prompt written notice of the force majeure with 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, but no longer than, the continuance of the force majeure. 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.

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, lightning, fire, storm, flood, 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.

# ARTICLE XII. NOTICES

All notices authorized or required between the parties, and required by any of the provisions of this agreement, unless otherwise specifically provided, shall be given in writing by United States mail or Western Union telegram, postage or charges prepaid, or by teletype, and addressed to the party to whom the notice is given at the addresses listed on Exhibit "A". The originating notice given under any provision hereof shall be deemed given only when received by the party to whom such notice is directed, and the time for such party to give any notice in response thereto shall run from the date the originating notice is received. The second or any responsive notice shall be deemed given when deposited in the United States mail or with the Western Union Telegraph Company, with postage or charges prepaid, or when sent by teletype. Each party shall have the right to change its address at any time, and from time to time, by giving written notice hereof to all other parties.

# 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 subjected 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 as to any part of the Contract Area, whether by production, extension, genewal or otherwise, and/or so long as oil and/or gas production continues from any lease or oil and gas interest.

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 production of oil and or gas in paying quantities, this agreement shall continue in force so long as any such well or wells produce, or are capable of production, and for an additional period of 90 days from cessation of all production; provided, however, if, prior to the expiration of such additional period, one or more of the parties hereto are engaged in drilling or reworking a well or wells hereunder, this agreement shall continue in force until such operations have been completed and if production results therefrom, this agreement shall continue in force as provided herein. In the event the well described in Article VI.A., or any subsequent well drilled hereunder, results in a dry hole, and no other well is producing, or capable of producing oil and or gas from the Contract Area, this agreement shall terminate unless drilling or reworking operations are commenced within 90 days from the date of abandonment of said well.

It is agreed, however, that the termination of this agreement shall not relieve any party hereto from any liability which has accrued or attached prior to the date of such termination.

# ARTICLE XIV. COMPLIANCE WITH LAWS AND REGULATIONS

#### A. Laws, Regulations and Orders:

 This agreement shall be subject to the conservation laws of the state in which the committed acreage 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:

The essential validity of this agreement and all matters pertaining thereto, 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 where most of the land in the Contract Area is located shall govern.

## ARTICLE XV. OTHER PROVISIONS

A. If the additional operations proposed pursuant to Article VI.B.1. are required or are necessary to earn or retain leasehold interests, any party who elects not to participate in such additional operations shall release, relinquish and quitclaim to the parties who participate therein all of the rights, titles and interests of such Non-Consenting party in and to the interests which would be earned or retained by such operations. For purposes of this agreement, operations are considered necessary to earn or retain leasehold interests if those interests would be forfeited within 120 days of the commencement of said operations.

B. When any well authorized under the provisions of this agreement and as to which any of the Non-Operators are participants shall have been drilled to objective depth, in the event there is a conflict among the participating parties as to which course of action to pursue, preference shall be given to (1) additional logging, coring, testing and evaluating; (2) completing at objective depth before completing at a shallower depth; (3) completing at a shallower depth before deepening; (4) deepening before sidetracking; and (5) sidetracking before plugging and abandoning. A deeper completion shall take precedent over a shallower completion. All decisions shall be controlled by a majority vote of percentage interests, except that a minority in interest may elect to take over the hole in the manner provided in VI.E.2., to perform an operation having priority, as provided above, before voting on any other operations of a lesser priority.

C. 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.

- D. With respect to 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, ruling, regulations or orders of the Department of Energy or predecessor or successor agencies to the extent such interpretation or application was made in good faith. Each Non-Operator further agrees to reimburse Operator for any amounts applicable to such Non-Operator's share of production that Operator may be required to refund, rebate or 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.
- E. If the lien conferred in Article VII.B has been enforced, for so long as the affected party remains in default it shall have no further access to the Contract Area or information obtained in connection with operations hereunder and shall not be entitled to vote on any matter hereunder. As to any proposed operation in which it otherwise would have the right to partipate, such party shall have the right to be a Consenting Party therein only if it pays the amount it is in default before the operation is commenced; otherwise it automatically shall be deemed a Non-Consenting Party to that operation.
- F. Article VI.E shall apply equally as between Consenting Parties to any well excepted from said Article should one of them desire to abandon such a well. Article VI.B shall apply equally as between Consenting Parties to any Non-Consent drilling, deepening or sidetracking operation for which such parties have not been fully reimbursed as therein provided should one of them desire to rework or plug back the affected well.
- G. Stand-by costs incurred pending response to Operator's notice proposing a reworking, deepening, plugging back or completing operation shall be charged and borne as part of the 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 shall be charged to and borne as part of the proposed operation, but if the proposal is subsequently withdrawn because of insufficient participating, such stand-by costs shall be allocated in proportion to said Consenting Parties' respective interests shown on Exhibit "A".
- H. Except as hereinafter provided, those provisions of this agreement applicable to a "drilling" operation shall apply equally to any proposal to directionally control and intentionally deviate a well from vertical so as to change the bottom hole location (hereinafter call "sidetracking"), unless done to straighten the hole or to drill around junk in the hole or because of other mechanical difficulties. Any party having the right to participate in a proposed sidetracking operation that does not own an interest in the affected well bore at the time of the notice shall, upon electing to participate, tender to the well bore owners its proportionate share (equal to its interest in the sidetracking operation) of the value of that portion of the existing well bore to be utilized, as follows:
  - 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.
  - 2. If the proposal is for sidetracking a well which has previously produced, reimbursement shall be on the basis of the well's salvable materials and equipment down to the depth at which the sidetracking operation is initiated, determined in accordance with the provisions of Exhibit "C", less the estimated costs of salvaging and the estimated cost of plugging and abandoning.

In the event that notice for a sidetracking operation is given while the drilling rig to be utilized is on location, the response period shall be limited to forty-eight (48) hours, exclusive of Saturday, Sunday and legal holidays; provided, however, any party may request and receive up to eight (8) additional days after expiration of the forty-eight (48) hours within which to respond by paying for all stand-by time incurred during such extended response period. If more than one party elects to take such additional time to respond to the notice, stand-by costs shall be allocated between he parties taking additional time to respond on a day to day basis in proportion to their respective interests shown on Exhibit "A". In all other instances the response period to a proposal for sidetracking shall be limited to thirty (30) days.

- I. The establishment, either voluntary or by order of rule of a State or Federal regulatory body, of a drilling or production Unit for one well as to any sand, horizon or strata which includes all or a portion of the Contract Area and other lands outside the Contract Area shall not serve to change the interests hereunder as to the lands and/or depths covered hereby which are included in such a Unit. Except for any prior liability which has accrued or attached hereunder, upon the Unit operating agreement becoming effective on all parties hereto, it shall be deemed to supersede this agreement but only during the term of the Unit operating agreement and only as to the particular sands, horizon, or strata of that portion of this Contract Area, or all of it, subject thereto. This agreement shall continue in full force and effect in accordance with its terms as to all other lands and/or depths subject hereto.
- J. No purty shall distribute any information or photographs which would divulge property data concerning operations hereunder to the press or other media without the approval of all parties. In the event of an emergency involving extensive property damage, operations failure, loss of human life or other clear emergency, Operator is deemed authorized to furnish such minimum, strictly factual information as is necessary to satisfy the legitimate public interest on the part of the press and duly constituted authorities if time does not permit the obtaining of prior approval by the other parties, but Operator shall promptly advise the other parties of the information so furnished. Nothing herein contained shall preclude any party from making such disclosures as may be, in that party's sole judgment, required by any Federal of State law or regulation or by any stock exchange on which the shares of the party and/or its parent company are listed.
- If any well is proposed to be drilled, deepened, or sidetracked through and below any reservoir productive in paying quantities (herein defined as an amount of petroleum substances capable of being produced from a well sufficient to pay the costs of operation plus a reasonable profit) in the Contract Area and such well conforms to the then existing well spacing pattern for such a reservoir, any party having the right to participate therein may elect, within the time permitted for responding to such a notice, to participate in the operation either (1) to the depth proposed or (2) only down to the base of any said reservoir it specifies in its response to the notice (hereinafter called "Specified Depth"). If a party so elects to limit its participation only down to a Specified Depth, it shall be deemed a Consenting Party in the proposed operation down to the Specified Depth and a Non-Consenting Party subject to the application of Article VI.B.2 in the proposed operation below the Specified Depth. Drilling the well to the deepest depth proposed and attempting a completion below any Specified Depth shall have priority in the event of conflicting proposals. If the operation results in the well being plugged and abandoned as a dry hole afater being drilled below any Specified Depth, each party participating only down to that Specified Depth shall be obligated only for its proportionate part of which otherwise would have been the plugging and abandoning costs of the well at the respective Specified Depth. If a party participating only down to a Specified Depth has proposed a completion attempt at or above that depth and, as a result of operations below that depth, the proposed completion is mechanically impossible or impracticable, promptly upon final determination of the hole's condition, the Drilling Parties responsible therefore shall reimburse the well bore owners precluded from said completion attempt for the actual costs paid by such owners in the drilling, deepening or sidetracking operation. Thereafter that portion of the well bore and newly acquired equipment therein and thereon for which reimbursement has been made shall be owned in its then condition by the reimbursing parties.
- L. The acreage contributed by Bass Enterprises Production Co. and Perry R. Bass is subject to (1) the terms and provisions of that certain Exploration and Development Agreement dated January 26, 1973, between Natural Gas Pipeline Company of America, Perry R. Bass and Bass Enterprises Production Co.; (2) the terms and provisions of the Poker Lake Unit Agreement.
- M. Operator may, at its election (but is not required to), file and prosecute applications for the determination of the status under the Natural Gas Policy Act of 1978 ("NGPA") of wells subject to this Operating Agreement for the joint account of parties hereto to the extent that such filings by Operator are permitted by law, rule, regulation or order. Each party hereto shall be responsible for making all other filings and reports required under the NGPA, including, but without limitation thereto, refund undertakings and interim, retroactive or other collection statements. Operator shall not be responsible to any Non-Operator for any damage or loss arising out of or connected with the filing or prosecution of the applications for determination, including failure to file, delay in filing or failure to prosecute such applications. The sole recourse of each Non-Operator is to file and process for his own account whatever application for determination he deems appropriate. In the event Operator elects to file an application for determination, the cost and expense of preparing, filing and prosecuting such application shall be charged to the joint

N. If pursuant to Article VI.B.2. hereof, less than all of the parties elect to participate in a proposed reworking, deepening or plugging back operation, and if such operation does not result in the production of hydrocarbons in commercial quantities, or results in a completion that ceases to produce in commercial quantities prior to the time in which the consenting parties are fully reimbursed as provided in Article VI.B.2., then, notwithstanding the printed provisions of this Agreement, the party or parties who elected not to participate in such reworking, deepening or plugging back operation shall nevertheless be responsible for their proportionate part (Exhibit "A" percentage) of the cost to plug and abandon such well, and salvage the equipment therefrom, except for the additional plugging and abandonment or salvage cost that are caused by the non-consent reworking, deepening or plugging back operation; the consenting parties shall be solely responsible for such additional costs.

1	ARTICLE XVI.
2	MISCELLANEOUS
3 4 5	This agreement shall be binding upon and shall inure to the benefit of the parties hereto and to their respective heirs, devisees, legal representatives, successors and assigns.
6 7 8	This instrument may be executed in any number of counterparts, each of which shall be considered an original for all purposes.
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10	IN WITNESS WHEREOF, this agreement shall be effective as oflstday ofJuly,  19_82
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24 25	NON-OPERATORS
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# AMENDED EXHIBIT "A" TO JOINT OPERATING AGREEMENT DATED JULY 1, 1982

#### I. LANDS SUBJECT TO AGREEMENT:

All of Section 20, all of Section 21, all of Section 22, all of Section 27, all of Section 28 and all of Section 29, T24S-R31E, Eddy County, New Mexico.

#### II. RESTRICTIONS AS TO DEPTHS OF FORMATIONS:

This Agreement shall cover depths from the surface of the ground down to the base of the Morrow formation.

#### III. INTEREST OF THE PARTIES

AMOCO PRODUCTION COMPANY P. O. Box 3092 Houston, Texas 77001	4.1667%
PAULEY PETROLEUM, INC. 10000 Santa Monica Blvd. Los Angeles, California 90067	20.8333%
SAN JOSE EXPLORATION, INC. 3100 Fort Worth National Bank Bldg. Fort Worth, Texas 76102	2.8125%
PERRY R. BASS, TRUSTEE 210 Main Street Fort Worth, Texas 76102	.625%
PERRY R. BASS, INC. 210 Main Street Fort Worth, Texas 76102	18.125%
SID R. BASS, INC. 210 Main Street Fort Worth, Texas 76102	13.359375%
LEE M. BASS, INC. 210 Main Street Fort Worth, Texas 76102	13.359375%
ROBERT M. BASS GROUP, INC. 210 Main Street Fort Worth, Texas 76102	13.359375%
THRU LINE INC. 210 Main Street Fort Worth, Texas 76102	13.359375%

# EXHIBIT A-1 TO JOINT OPERATING AGREEMENT DATED JULY 1, 1982

LEASE #

STATE/FEDERAL LEASE #

DATE

DESCRIPTION

COUNTY

Bass #4328-X	Bass #4322	(	Bass #4321
LC-061705-B	NM-0522-A		NM-0506-A
9/1/48	12/1/50		12/1/50
Insofar as said Lease covers the N/2, SW/4 Section 20 T24S-R31E	Insofar as said Lease covers the N/2, SW/4 Section 27 N/2, SW/4 Section 28 T24S-R31E	N/2, SW/4 Section 29 N/2, SW/4 Section 29 T24S-R31E	Insofar as said Lease covers the N/2, SW/4 Section 21
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# EXHIBIT "B"

There are no unleased mineral interest in the Unit Area.

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Recommended by the Council of Petroleum Accountants Societies

#### EXHIBIT "C'

	ofOperatingAgreement	
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# ACCOUNTING PROCEDURE JOINT OPERATIONS

#### I. GENERAL PROVISIONS

#### 1. Definitions

"Joint Property" shall mean the real and personal property subject to the agreement to which this Accounting Procedure is attached.

"Joint Operations" shall mean all operations necessary or proper for the development, operation, protection and maintenance of the Joint Property.

"Joint Account" shall mean the account showing the charges paid and credits received in the conduct of the Joint Operations and which are to be shared by the Parties.

"Operator" shall mean the party designated to conduct the Joint Operations.

"Non-Operators" shall mean the parties to this agreement other than the Operator.

"Parties" shall mean Operator and Non-Operators.

"First Level Supervisors" shall mean those employees whose primary function in Joint Operations is the direct supervision of other employees and/or contract labor directly employed on the Joint Property in a field operating capacity.

"Technical Employees" shall mean those employees having special and specific engineering, geological or other professional skills, and whose primary function in Joint Operations is the handling of specific operating conditions and problems for the benefit of the Joint Property.

"Personal Expenses" shall mean travel and other reasonable reimbursable expenses of Operator's employees.

"Material" shall mean personal property, equipment or supplies acquired or held for use on the Joint Property.

"Controllable Material" shall mean Material which at the time is so classified in the Material Classification Manual as most recently recommended by the Council of Petroleum Accountants Societies of North America.

#### 2. Statement and Billings

Operator shall bill Non-Operators on or before the last day of each month for their proportionate share of the Joint Account for the preceding month. Such bills will be accompanied by statements which identify the authority for expenditure, lease or facility, and all charges and credits, summarized by appropriate classifications of investment and expense except that items of Controllable Material and unusual charges and credits shall be separately identified and fully described in detail.

#### 3. Advances and Payments by Non-Operators

Unless otherwise provided for in the agreement, the Operator may require the Non-Operators to advance their share of estimated cash outlay for the succeeding month's operation. Operator shall adjust each monthly billing to reflect advances received from the Non-Operators.

Each Non-Operator shall pay its proportion of all bills within fifteen (15) days after receipt. If payment is not made within such time, the unpaid balance shall bear interest monthly at the rate of twelve percent (12%) per annum or the maximum contract rate permitted by the applicable usury laws in the state in which the Joint Property is located, whichever is the lesser, plus attorney's fees, court costs, and other costs in connection with the collection of unpaid amounts.

#### 4. Adjustments

Payment of any such bills shall not prejudice the right of any Non-Operator to protest or question the correctness thereof; provided, however, all bills and statements rendered to Non-Operators by Operator during any calendar year shall conclusively be presumed to be true and correct after twenty-four (24) months following the end of any such calendar year, unless within the said twenty-four (24) month period a Non-Operator takes written exception thereto and makes claim on Operator for adjustment. No adjustment favorable to Operator shall be made unless it is made within the same prescribed period. The provisions of this paragraph shall not prevent adjustments resulting from a physical inventory of Controllable Material as provided for in Section V.

#### 5. Audits

A. Non-Operator, upon notice in writing to Operator and all other Non-Operators, shall have the right to audit Operator's accounts and records relating to the Joint Account for any calendar year within the twenty-four (24) month period following the end of such calendar year; provided, however, the making of an audit shall not extend the time for the taking of written exception to and the adjustments of accounts as provided for in Paragraph 4 of this Section I. Where there are two or more Non-Operators, the Non-Operators shall make every reasonable effort to conduct joint or simultaneous audits in a manner which will result in a minimum of inconvenience to the Operator. Operator shall bear no portion of the Non-Operators' audit cost incurred under this paragraph unless agreed to by the Operator.

#### 6. Approval by Non-Operators

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, 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.

#### II. DIRECT CHARGES

Operator shall charge the Joint Account with the following items:

#### 1. Rentals and Royalties

Lease rentals and royalties paid by Operator for the Joint Operations.

#### 2. Labor

- A. (1) Salaries and wages of Operator's field employees directly employed on the Joint Property in the conduct of Joint Operations.
  - (2) Salaries of First Level Supervisors in the field.
  - (3) Salaries and wages of Technical Employees directly employed on the Joint Property if such charges are excluded from the Overhead rates.
- 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 Paragraph 2A of this Section II. Such costs under this Paragraph 2B 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 Paragraph 2A of this Section II. 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 which are applicable to Operator's costs chargeable to the Joint Account under Paragraphs 2A and 2B of this Section II.
- D. Personal Expenses of those employees whose salaries and wages are chargeable to the Joint Account under Paragraph 2A of this Section II.

#### 3. Employee Benefits

Operator's current costs of established plans for employees' group life insurance, hospitalization, pension, retirement, stock purchase, thrift, bonus, and other benefit plans of a like nature, applicable to Operator's labor cost chargeable to the Joint Account under Paragraphs 2A and 2B of this Section II shall be Operator's actual cost not to exceed twenty per cent (20%). 26% or the percentage recommended by COPAS from time to time.

#### 4. Material

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

#### 5. Transportation

Transportation of employees and Material necessary for the Joint Operations but subject to the following limitations:

- A. If Material is moved to the Joint Property from the Operator's warehouse or other properties, no charge shall be made to the Joint Account for a distance greater than the distance from the nearest reliable supply store, recognized barge terminal, or railway receiving point where like material is normally available, unless agreed to by the Parties.
- B. If surplus Material is moved to Operator's warehouse or other storage point, no charge shall be made to the Joint Account for a distance greater than the distance to the nearest reliable supply store, recognized barge terminal, or railway receiving point unless agreed to by the Parties. No charge shall be made to the Joint Account for moving Material to other properties belonging to Operator, unless agreed to by the Parties.
- C. In the application of Subparagraphs A and B above, there shall be no equalization of actual gross trucking cost of \$200 or less excluding accessorial charges.

#### 6. Services

The cost of contract services, equipment and utilities provided by outside sources, except services excluded by Paragraph 9 of Section II and Paragraph 1. ii of Section III. The cost of professional consultant services and contract services of technical personnel directly engaged on the Joint Property if such charges are excluded from the Overhead rates. The cost of professional consultant services or contract services of technical personnel not directly engaged on the Joint Property shall not be charged to the Joint Account unless previously agreed to by the Parties.

#### 7. Equipment and Facilities Furnished by Operator

- A. Operator shall charge the Joint Account for use of Operator owned equipment and facilities at rates commensurate with costs of ownership and operation. Such rates shall include costs of maintenance, repairs, other operating expense, insurance, taxes, depreciation, and interest on investment not to exceed eight per cent (8%) per annum. Such rates shall not exceed average commercial rates currently prevailing in the immediate area of the Joint Property.
- B.. In lieu of charges in Paragraph 7A above, Operator may elect to use average commercial rates prevailing in the immediate area of the Joint Property less 20%. For automotive equipment, Operator may elect to use rates published by the Petroleum Motor Transport Association.

#### 8. Damages and Losses to Joint Property

All costs or expenses necessary for the repair or replacement of Joint Property made necessary because of damages or losses incurred by fire, flood, storm, theft, accident, or other cause, except those resulting from Operator's gross negligence or willful misconduct. Operator shall furnish Non-Operator written notice of damages or losses incurred as soon as practicable after a report thereof has been received by Operator.

#### 9. Legal Expense

Expense of handling, investigating and settling litigation or claims, discharging of liens, payment of judgments and amounts paid for settlement of claims incurred in or resulting from operations under the agreement or necessary to protect or recover the Joint Property, except that no charge for services of Operator's legal staff or fees or expense of outside attorneys shall be made unless previously agreed to by the Parties. All other legal expense is considered to be covered by the overhead provisions of Section III unless otherwise agreed to by the Parties, except as provided in Section I, Paragraph 3.

## 10. Taxes

All taxes of every kind and nature assessed or levied upon or in connection with the Joint Property, the operation thereof, or the production therefrom, and which taxes have been paid by the Operator for the benefit of the Parties.

#### -11. Insurance

Net premiums paid for insurance required to be carried for the Joint Operations for the protection of the Parties. In the event Joint Operations are conducted in a state in which Operator may act as self-insurer for Workmen's Compensation and/or Employers Liability under the respective state's laws, Operator may, at its election, include the risk under its self-insurance program and in that event, Operator shall include a charge at Operator's cost not to exceed manual rates.

## 12. Other Expenditures

Any other expenditure not covered or dealt with in the foregoing provisions of this Section II, or in Section III, and which is incurred by the Operator in the necessary and proper conduct of the Joint Operations.

#### III. OVERHEAD

## 1. Overhead - Drilling and Producing Operations

- i. As compensation for administrative, supervision, office services and warehousing costs, Operator shall charge drilling and producing operations on either:
  - ( X ) Fixed Rate Basis, Paragraph 1A, or
  - ( ) Percentage Basis, Paragraph 1B.

Unless otherwise agreed to by the Parties, such charge shall be in lieu of costs and expenses of all offices and salaries or wages plus applicable burdens and expenses of all personnel, except those directly chargeable under Paragraph 2A, Section II. The cost and expense of services from outside sources in connection with matters of taxation, traffic, accounting or matters before or involving governmental agencies shall be considered as included in the Overhead rates provided for in the above selected Paragraph of this Section III unless such cost and expense are agreed to by the Parties as a direct charge to the Joint Account.

- ii. The salaries, wages and Personal Expenses of Technical Employees and/or the cost of professional consultant services and contract services of technical personnel directly employed on the Joint Property shall ( ) shall not (X) be covered by the Overhead rates.
- A. Overhead Fixed Rate Basis
  - (1) Operator shall charge the Joint Account at the following rates per well per month:

Drilling W	/eli Ra	te \$_3	3,500.00	
Producing	Well	Rate \$	350.00	

- (2) Application of Overhead Fixed Rate Basis shall be as follows:
  - (a) Drilling Well Rate
    - [1] Charges for onshore drilling wells shall begin on the date the well is spudded and terminate on the date the drilling or completion rig is released, whichever is later, except that no charge shall be made during suspension of drilling operations for fifteen (15) or more consecutive days.
    - [2] Charges for offshore drilling wells shall begin on the date when drilling or completion equipment arrives on location and terminate on the date the drilling or completion equipment moves off location or rig is released, whichever occurs first, except that no charge shall be made during suspension of drilling operations for tifteen (15) or more consecutive days
    - [3] Charges for wells undergoing any type of workover or recompletion for a period of five (5) consecutive days or more shall be made at the drilling well rate. Such charges shall be applied for the period from date workover operations, with rig, commence through date of rig release, except that no charge shall be made during suspension of operations for fifteen (15) or more consecutive days.
  - (b) Producing Well Rates
    - [1] An active well either produced or injected into for any portion of the month shall be considered as a one-well charge for the entire month.
    - [2] Each active completion in a multi-completed well in which production is not commingled down hole shall be considered as a one-well charge providing each completion is considered a separate well by the governing regulatory authority.
    - [3] An inactive gas well shut in because of overproduction or failure of purchaser to take the production shall be considered as a one-well charge providing the gas well is directly connected to a permanent sales outlet.
    - [4] A one-well charge may be made for the month in which plugging and abandonment operations are completed on any well.
    - [5] All other inactive wells (including but not limited to inactive wells covered by unit allowable, lease allowable, transferred allowable, etc.) shall not qualify for an overhead charge.
- (3) The well rates shall be adjusted as of the first day of April each year following the effective date of the agreement to which this Accounting Procedure is attached. The adjustment shall be computed by multiplying the rate currently in use by the percentage increase or decrease in the average weekly earnings of Crude Petroleum and Gas Production Workers for the last calendar year compared to the calendar year preceding as shown by the index of average weekly earnings of Crude Petroleum and Gas Fields Production Workers as published by the United States Department of Labor, Bureau of Labor Statistics, or the equivalent Canadian index as published by Statistics Canada, as applicable. The adjusted rates shall be the rates currently in use, plus or minus the computed adjustment.

(a) Development
Percent (%) of the cost of Development of the Joint Property exclusive of costs provided under Paragraph 9 of Section II and all salvage credits.
(b) Operating
Percent (%) of the cost of Operating the Joint Property exclusive of costs provided under Paragraphs 1 and 9 of Section II, all salvage credits, the value of injected substances purchased for secondary recovery and all taxes and assessments which 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:  For the purpose of determining charges on a percentage basis under Paragraph 1B of this Section III, development shall include all costs in connection with drilling, redrilling, deepening or any remedial operations on any or all wells involving the use of drilling crew and equipment; also, preliminary expenditures necessary in preparation for drilling and expenditures incurred in abandoning when the well is not completed as a producer, and original cost of construction or installation of fixed assets, the expansion of fixed assets and any other project clearly discernible as a fixed asset, except Major Construction as defined in Paragraph 2 of this Section III. All other costs shall be considered as Operating.
2. Overhead - Major Construction To be negotiated, if needed.
To compensate Operator for overhead costs incurred in the construction and installation of fixed assets, the expansion of fixed assets, and any other project clearly discernible as a fixed asset required for the development and operation of the Joint Property, Operator shall either negotiate a rate prior to the beginning of construction, or shall charge the Joint Account for Overhead based on the following rates for any Major Construction project in excess of \$:
A
Total cost shall mean the gross cost of any one project. For the purpose of this paragraph, the component parts of a single project shall not be treated separately and the cost of drilling and workover wells shall be excluded.
3. Amendment of Rates
The Overhead rates provided for in this Section III may be amended from time to time only by mutual agreement between the Parties hereto if, in practice, the rates are found to be insufficient or excessive.
IV. PRICING OF JOINT ACCOUNT MATERIAL PURCHASES, TRANSFERS AND DISPOSITIONS
Operator is responsible for Joint Account Material and shall make proper and timely charges and credits for all material movements affecting the Joint Property. Operator shall provide all Material for use on the Joint Property; however, at Operator's option, such Material may be supplied by the Non-Operator. Operator shall make timely disposition of idle and/or surplus Material, such disposal being made either through sale to Operator or Non-Operator, division in kind, or sale to outsiders. Operator may purchase, but shall be under no obligation to purchase, interest of Non-Operators in surplus condition A or B Material. The disposal of surplus Controllable Material not purchased by the Operator shall be agreed to by the Parties.
1. Purchases
Material purchased shall be charged at the price paid by Operator after deduction of all discounts received. In case of Material found to be defective or returned to vendor for any other reason, credit shall be passed to the Joint Account when adjustment has been received by the Operator.

# 2. Transfers and Dispositions

Material furnished to the Joint Property and Material transferred from the Joint Property or disposed of by the Operator, unless otherwise agreed to by the Parties, shall be priced on the following bases exclusive of cash discounts:

## A. New Material (Condition A)

B. Overhead - Percentage Basis

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

(1) Tubular goods, except line pipe, shall be priced at the current new price in effect on date of movement on a maximum carload or barge load weight basis, regardless of quantity transferred, equalized to the lowest published price f.o.b. railway receiving point or recognized barge terminal nearest the Joint Property where such Material is normally available.

## (2) Line Pipe

- (a) Movement of less than 30,000 pounds shall be priced at the current new price, in effect at date of movement, as listed by a reliable supply store nearest the Joint Property where such Material is normally available.
- (b) Movement of 30,000 pounds or more shall be priced under provisions of tubular goods pricing in Paragraph 2A (1) of this Section IV.
- (3) Other Material shall be priced at the current new price, in effect at date of movement, as listed by a reliable supply store or f.o.b. railway receiving point nearest the Joint Property where such Material is normally available.

## B. Good Used Material (Condition B)

Material in sound and serviceable condition and suitable for reuse without reconditioning:

- (1) Material moved to the Joint Property
  - (a) At seventy-five percent (75%) of current new price, as determined by Paragraph 2A of this Section IV.
- (2) Material moved from the Joint Property
  - (a) At seventy-five percent (75%) of current new price, as determined by Paragraph 2A of this Section IV, if Material was originally charged to the Joint Account as new Material, or

(b) at sixty-five percent (65%) of current new price, as determined by Paragraph 2A of this Section IV, if Material was originally charged to the Joint Account as good used Material at seventy-five percent (75%) of current new price.

The cost of reconditioning, if any, shall be absorbed by the transferring property.

## C. Other Used Material (Condition C and D)

### (1) Condition C

Material which is not in sound and serviceable condition and not suitable for its original function until after reconditioning shall be priced at fifty percent (50%) of current new price as determined by Paragraph 2A of this Section IV. The cost of reconditioning shall be charged to the receiving property, provided Condition C value plus cost of reconditioning does not exceed Condition B value.

#### (2) Condition D

All other Material, including junk, shall be priced at a value commensurate with its use or at prevailing prices. Material no longer suitable for its original purpose but usable for some other purpose, shall be priced on a basis comparable with that of items normally used for such other purpose. Operator may dispose of Condition D Material under procedures normally utilized by the Operator without prior approval of Non-Operators.

## D. Obsolete Material

Material which is serviceable and usable for its original function but condition and/or value of such Material is not equivalent to that which would justify a price as provided above may be specially priced as agreed to by the Parties. Such price should result in the Joint Account being charged with the value of the service rendered by such Material.

### E. Pricing Conditions

- (1) Loading and unloading costs may be charged to the Joint Account at the rate of fifteen cents (15¢) per hundred weight on all tubular goods movements, in lieu of loading and unloading costs sustained, when actual hauling cost of such tubular goods are equalized under provisions of Paragraph 5 of Section II.
- (2) Material involving erection costs shall be charged at applicable percentage of the current knocked-down price of new Material.

#### 3. Premium Prices

Whenever Material is not readily obtainable at published or listed prices because of national emergencies, strikes or other unusual causes over which the Operator has no control, the Operator may charge the Joint Account for the required Material at the Operator's actual cost incurred in providing such Material, in making it suitable for use, and in moving it to the Joint Property; provided notice in writing is furnished to Non-Operators of the proposed charge prior to billing Non-Operators for such Material. Each Non-Operator shall have the right, by so electing and notifying Operator within ten days after receiving notice from Operator, to furnish in kind all or part of his share of such Material suitable for use and acceptable to Operator.

## 4. Warranty of Material Furnished by Operator

Operator does not warrant the Material furnished. In case of defective Material, credit shall not be passed to the Joint Account until adjustment has been received by Operator from the manufacturers or their agents.

## V. INVENTORIES

The Operator shall maintain detailed records 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 Adjustment of Inventories

Reconciliation of a physical inventory with the Joint Account shall be made, and a list of overages and shortages shall be furnished to the Non-Operators within six months following the taking of the inventory. Inventory adjustments shall be made by Operator with the Joint Account for overages and shortages, but Operator shall be held accountable only for shortages due to lack of reasonable diligence.

## 3. Special Inventories

Special Inventories may be taken whenever there is any sale or change of interest 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 the purchaser shall be governed by such inventory.

## 4. Expense of Conducting Periodic Inventories

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

## EXHIBIT "D"

Attached to and made a part of that certain Operating Agreement dated July 1, 1982.

With respect to all operations conducted hereunder on the Unit Area by the Operator for the joint account of the parties hereto, Operator shall maintain in effect the following insurance coverage:

Kind	Policy Form	Minimum Limits of Liability		
Workmen's Compensation	Statutory	Statutory		
Dmployer's Liability		\$500,000 each accident		
Camprehensive	Comprehensive	B.I. (\$1,000,000 each accident) (\$1,000,000 aggregate) P.D. (\$1,000,000 each accident) (\$1,000,000 aggregate)		
Motor Vehicle	Comprehensive (including non-ownership liability and hired automobile coverage)	B.I. (\$1,000,000 each person) (\$1,000,000 each accident) P.D. (\$1,000,000 each accident)		

Upon request, Operator shall furnish Non-Operator with a certificate evidencing such insurance coverage.

losses not covered by insurance required by this Agreement to be carried for the benefit and at the expense of the parties hereto shall be charged to the joint account.

If the parties hereto or any of them shall insure their respective risks beyond the specific limits of insurance required hereunder to be carried by the parties, the benefits of such insurance shall inure to the parties procuring and maintaining the same, respectively, and the cost of such insurance shall be borne by such parties, respectively, without reimbursements one from the other and without entering into any accounting hereunder.

Attached to and made a part of that certain Operating Agreement dated July 1, 1982.

## GAS BALANCING AGREEMENT

The parties to the Operating Agreement to which this Gas Storage Agreement is attached own the working interest in the gas rights underlying the Contract Area covered by such agreement in accordance with the percentages of participation as set forth in Exhibit "A" to the Operating Agreement.

In accordance with the terms of the Operating Agreement, each party thereto has the right to take its share of gas produced from the Contract Area and market the same. In the event any of the parties hereto is not able to market its share of gas or has contracted to sell its share of gas produced from the Contract Area to a purchaser which is unable at any time while this agreement is in effect to take the share of gas attributable to the interest of such party, the terms of this Storage Agreement shall automatically become effective.

During the period or periods when any party hereto has no market for its share of gas produced from the Contract Area or its purchaser is unable to take its share of gas produced from the Contract Area, the other parties shall be entitled to produce each month one hundred percent (100%) of the allowable gas production assigned to such Unit by the applicable governmental authority and shall be entitled to take and deliver to its or their purchaser all of such gas production. parties hereto shall share in and own the liquid hydrocarbons recovered from such gas by lease equipment in accordance with their respective interests and subject to the Operating Agreement to which this Gas Storage Agreement is attached but the party or parties taking such gas shall own all of the gas delivered to its or their producer. party unable to market its share of the gas produced shall be credited with gas in storage equal to its share of the gas produced under this agreement, less its share of gas used in lease operations, vented or The Operator will maintain a current account of the gas balance between the parties and will furnish all parties hereto monthly statements showing the total quantity of gas produced, the amount used in lease operations, vented or lost, and the total quantity of liquid hydrocarbons recovered therefrom.

At all times while gas is produced from the Contract Area, each party hereto will make settlement with respective royalty owners to whom they are each accountable, just as if each party were taking or delivering to a purchaser its share, and its share only, of such gas production. Each party hereto agrees to hold each other party harmless from any and all claims for royalty payments asserted by royalty owners to whom each party is accountable.

After notice to the Operator, any party at any time may begin taking or delivering to its purchaser its share of the gas produced from any well located within the Contract Area. In addition to its share, each party, including the Operator, until it has recovered its gas in storage and balanced the gas account as to its interest, shall be entitled to take or deliver to a purchaser a volume of gas equal to its share plus fifty percent (50%) of the overproduced party's or parties' share of gas produced from each such well located within the Contract Area. If two or more parties are entitled to the fifty percent (50%) of the overproduced party's or parties' share of gas produced, they shall divide such fifty percent (50%) in accordance with their percentage of participation in each such well.

In the event production of gas from any well located within the Contract Area permanently ceases prior to the time that the accounts of the parties have been balanced, it is agreed that a complete balancing will be accomplished by a money settlement as between the parties. Such settlement shall be based upon the price received by the overproduced party or parties for the overproduced gas which was sold by such party in the order of accrual.

It is the intent of the parties hereto that this Gas Storage
Agreement be considered a separate agreement as to each well located
within the Contract Area.

This agreement shall become effective in accordance with its terms and shall remain in force and effect as long as the Operating Agreement to which it is attached remains in effect and shall inure to the benefit of and be binding upon the parties hereto, their successors, legal representatives and assigns.

## EXHIBIT "F"

Attached to and made a part of that certain Operating Agreement dated July 1, 1982.

## FEDERAL PROVISIONS

Operator shall comply with the non-discrimination provisions of Executive Order 11246 dated September 25, 1965, and the regulations promulgated pursuant thereto. Section 202 thereof is hereby incorporated by reference. Operator shall, during the term of this agreement, file all reports required by the aforementioned regulation duly and promptly and shall, upon request, furnish Non-Operators with evidence that such reports have been filed.

# State of New Mexico



ALEX J. ARMIJO COMMISSIONER



# Commissioner of Public Lands

August 16, 1982

P. O. BOX 1148 SANTA FE, NEW MEXICO 87501 87504-1148

366

Bass Enterprises Production Co. Fort Worth National Bank Building Fort Worth, Texas 76102

Re: Second Amendment to the 1982

Plan of Development for the

Poker Lake Unit

Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your Second Amendment to the 1982 Plan of Development for the Poker Lake Unit area. Such amendment proposes to change the location of the Poker Lake Unit Well No. 57 originally approved to be drilled in Section 20, T25S-R31E to be moved to a location 1980' FWL and 330' FSL, in Section 28, T25S-R31E, Eddy County, New Mexico. This well will be drilled to a depth of 8250' and will test the Delaware Formation. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the United States Minerals Management Service.

Enclosed is an approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

ALEX J. ARMIJO COMMISSIONER OF PUBLIC LANDS

BY:

FLOYD O. PRANDO, Assistant Director Oil and Gas Division

AC 505/827-2748

AJA/FOP/pm encls.

cc:

OCD-Santa Fe, New Mexico USMMS-Albuquerque, New Mexico Administration



## United States Department of the Interior

## MINERALS MANAGEMENT SERVICE

SOUTH CENTRAL REGION 505 MARQUETTE AVENUE, N.W., SUITE 815 ALBUQUERQUE, NEW MEXICO 87102

Bass Enterprises Production Company Attention: Jens Hansen Fort Worth National Bank Building Fort Worth, Texas 76102

Gentlemen:

An approved copy of your second amended 1982 plan of development for the Poker Lake unit area, Eddy County, New Mexico, is enclosed. Such plan, proposing to drill the Poker Lake Unit Well #57 in section 28 instead of section 20, T. 25 S., R. 31 E., Eddy County, New Mexico, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

SEP 1 3 1982

(ORIG. SGD.) JOE G. LARA

FOR Gene F. Daniel
Deputy Minerals Manager
Oil and Gas

Enclosure

cc: NMOCD Comm. of Public Lands

## BASS ENTERPRISES PRODUCTION CO.

FORT WORTH NATIONAL BANK BUILDING FORT WORTH, TEXAS 76102

September 27, 1982

MINERAL MANAGEMENT SERVICE 505 Marquette Northwest Room 815 P. O. Box 26124 Albuquerque, New Mexico 88201

Attention: Joe Lara

Re:

1982 Plan of Development for the

Poker Lake Unit

Poker Lake Wells #52 & #58 Eddy County, New Mexico

Dear Sir:

This letter will confirm our conversation which occurred on September 22, 1982, regarding the drilling of the referenced Wells under our 1982 Plan of Development for the Poker Lake Federal Unit.

Due to the development of several conditions, Bass Enterprises Production Co., Operator of the referenced Wells, has determined that the depth to be drilled in the Poker Lake Unit Wells #52 and #58 should be limited to a depth necessary for a Wolfcamp Formation completion although the 1982 Plan of Development for the Poker Lake Unit provides that these Wells are to be Morrow Tests.

The Wolfcamp Formation in the Poker Lake #58 Well is currently producing gas under pressure which has made open-hole testing unsafe. The Wolfcamp Formation in the Poker Lake #52 Well has been cored which has produced inconclusive results. There remains many unanswered questions about the Wolfcamp Formation in this area although it appears to be generally present and potentially productive as evidenced by the Poker Lake Well #50. Due to the possibility that this area could be developed primarily on a Wolfcamp Formation basis, it is Bass' position that Wolfcamp completions in the Poker Lake Wells #52 and #58 should provide the best opportunity for answers to some of these questions about the Wolfcamp Formation. Additionally, we view such operations prudent in that the information gained for these operations should allow orderly and prudent development of this area and prevent economic waste.

We appreciate your granting us permission to change our drilling program on these wells. We will report the results of same in our 1983 Plan of Development.

incerelv.

JENS HANS

Landman

JH:ep

cc:

New Mexico Oil Conservation Division

Commissioner of Public Lands



# United States Department of the Interior

## MINERALS MANAGEMENT SERVICE

SOUTH CENTRAL REGION 505 MARQUETTE AVENUE, N.W., SUITE 815 ALBUQUERQUE, NEW MEXICO 87102

IN REPLY REFER TO:

NOV 1 5 1982

Bass Enterprises Production Company Attention: Jens Hansen Fort Worth National Bank Building Fort Worth, Texas 76102 NOV 17 1982

## Gentlemen:

An approved copy of the third amendment to your 1982 plan of development for the Poker Lake unit area, Eddy County, New Mexico, is enclosed. Such amended plan, proposing to complete and test wells No. 52 and No. 58 in the Wolfcamp formation instead of the Morrow formation as provided in the approved 1982 plan of development, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SGD.) GENE F. DANIEL

Gene F. Daniel Deputy Minerals Manager Oil and Gas

Enclosure

cc: Comm. of Public Lands, Santa Fe NMOCD, Santa Fe BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER

201 MAIN ST.

FORT WORTH, TEXAS 76102

817/390-8400

December 7, 1982

Case #366 File Copy

MINERAL MANAGEMENT SERVICE P. O. Box 26124 Albuquerque, New Mexico 87125

COMMISSIONER OF PUBLIC LANDS P. O. Box 1148 Santa Fe, New Mexico 87501 Attention: Ray Graham

NEW MEXICO OIL CONSERVATION DIVISION P. O. Box 2088 Santa Fe, New Mexico 87501

> Re: 1983 Plan of Development Poker Lake Unit ?

Eddy County, New Mexico

### Gentlemen:

In accordance with Section 10 of the Poker Lake Unit Agreement, Perry R. Bass, as Operator, hereby submits for your approval a Plan of Development for the year 1983.

History of Past Development - We refer to our previous Plans of Development for a detailed description of operations conducted on previously drilled wells in this Unit.

1982 Activity - the following are the results of wells drilled during the year 1982, and the wells drilled prior to 1982, but not included in the 1982 Plan of Development.

> Poker Lake Unit Well #52 - located 660' FNL and 1980' FWL, Section 33, T25S-R31E, Eddy County, New Mexico. This Well was drilled to a total depth of 15.700' and was plugged back to a depth of 14,682'. We are currently attempting a completion in the Atoka Formation, the results of which will appear in the 1984 Plan of Development.

> Poker Lake Unit Well #53 - located 660' FNL and 1980' FEL, Section 9, T25S-R31E, Eddy County, New Mexico. This Well was drilled to a total depth of 15,530' and was plugged back to a depth of 15,502'. The Well was perforated between the depths of 15,440' and 15,456, and was completed as a Morrow gas well. The Well is currently shutin waiting on facilities.

> Poker Lake Unit Well #54 - located 660' FSL and 1980' FEL, Section 4, T24S-R30E, Eddy County, New Mexico. This Well is currently drilling to a projected depth of 6,250' to test the Delaware Formation. The results of this Well will appear in the 1984 Plan of Development.

MINERAL MANAGEMENT SERVICE COMMISSIONER OF PUBLICLANDS NEW MEXICO OIL CONSERVATION DIVISION December 7, 1982 Page 2

> Poker Lake Unit Well #55 - located 660' FNL and 660' FEL, Section 19, T24S-R30E, Eddy County, New Mexico. This Well was drilled to a total depth of 6,250' and was plugged and abandoned as a dry hole.

> Poker Lake Unit Well #56 - located 660' FSL and 660' FWL, Section 25, T25S-R30E, Eddy County, New Mexico. This Well is drilling to a projected depth of 6,250' to test the Delaware Formation. The results of the drilling of this Well will appear in the 1984 Plan of Development.

> Poker Lake Unit Well #57 - located 1980' FWL and 330' FSL, Section 28, T25S-R31E, Eddy County, New Mexico. This Well was drilled to a total depth of 8,325' and was plugged back to a depth of 6,244'. The Well was perforated between the depths of 6,050' and 6,080'. We are currently lattempting a completion in the Delaware Formation, the results of which will appear in the 1984 Plan of Development.

> Poker Lake Unit Well #58 - located 1980' FSL and 1980' FWL, Section 27, T24S-R31E, Eddy County, New Mexico. This Well was drilled to a total depth of 12,700' with perforations being between the depths of 12,108' and 12,111'. The Well was completed as a gas well in the Wolfcamp Formation and is currently/shutin waiting on pipeline.

> Poker Lake Unit Well #59 - located 660' FSL and 1980' FWL, Section 8, T24S-R30E, Eddy County, New Mexico. This Well was drilled to a total depth of 14,459' and plugged back to a depth of 14,415'. The Well was perforated between the depths of 14,297' and 14,325' and was completed as a gas well in the Morrow Formation. The Well is currently shutin waiting on pipeline.

## Future Development

Poker Lake Unit Well #60 - Section 3, T25S-R30E / 15200' Morrow Test.

## Addtional Development

This Plan of Development shall constitute the drilling obligations of the Unit Operator under the terms of the Poker Lake Unit Agreement for the period ending December 31, 1983.

## Offset Obligations

Appropriate and adequate measures will be taken to prevent drainage of unitized substances from lands subject to the Poker Lake Unit or pursuant to applicable regulations.

## Modifications

Under the terms and provisions of the Poker Lake Unit Agreement, this Plan of Development may be modified from time to time due to changing conditions.

MINERAL MANAGEMENT SERVICE COMMISSIONER OF PUBLIC LANDS NEW MEXICO OIL CONSERVATION DIVISION December 7, 1982 Page 3

## **Effective Date**

This Plan of Development shall be effective January 1, 1983.

If this Plan of Development meets with your approval, please indicate by signing in the appropriate space provided below and return one (1) copy to us for our records.

			,	//	Sincerely,  JENS HANSEN  Division Landman	·
JH:ep			- (			
AGREED	то	AND	ACCEPTED	this	day of	_, 1982.
					MINERAL MANAGEMENT S	ERVICE
					Ву	
AGREED	ТО	AND	ACCEPTED	this _	day of	_, 1982.
					COMMISSIONER OF PUBLIC	CLANDS
					Ву	
AGREED	то	AND	ACCEPTED	this 🔏	day of Decembe	<u>2</u> , 1982.
		*			NEW MEXICO OIL CONSER	VATION DIVISION
					By Son John	non

# State of New Mexico







# Commissioner of Public Lands

December 13, 1982

P. O. BOX 1148 SANTA FE, N. M. 87504-1148

Bass Enterprises Production Co. First City Bank Tower, 201 Main St. Fort Worth, Texas 76102 #366

Re: 1983 Plan of Development
Poker Lake Unit
Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your 1983 Plan of Development for the Poker Lake Unit, Eddy County, New Mexico. Such plan proposes to drill the Poker Lake Unit Well No. 60 located in Section 3, Township 25 South, Range 30 East and will test the Morrow formation.

Our approval is subject to like approval by the United States Minerals Management Service.

Enclosed is an approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

ALEX J. ARMIJO COMMISSIONER OF PUBLIC LANDS

BY: The Yhour FLOYD O. PRANDO, Assistant Director

Oil and Gas Division

AC 505/827-5744

AJA/FOP/pm encls.

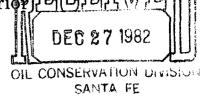
cc:

OCD-Santa Fe, New Mexico USMMS-Albuquerque, New Mexico Administration



United States Department of the Interion 기원이다.

BUREAU OF LAND MANAGEMENT SOUTH CENTRAL REGION 505 MARQUETTE AVENUE, N.W., SUITE 815 ALBUQUERQUE, NEW MEXICO 87102



#366

DEC 23 1982

Bass Enterprises Production Co. Attention: Jens Hansen First City Bank Tower 201 Main Street Fort Worth, Texas 76102

#### Gentlemen:

An approved copy of your 1983 plan of development for the Poker Lake unit area, Eddy County, New Mexico, is enclosed. Such plan, proposing the drilling of a Morrow test well, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SGD.) JAMES W. SHELTON

FOR Gene F. Daniel
Deputy Minerals Manager
Oil and Gas

Enclosure

cc:

Comm. of Public Lands, Santa Fe NMOCD, Santa Fe



## STATE OF NEW MEXICO

## ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING

December 28, 1982

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

BASS ENTERPRISES PRODUCTION CO. First City Bank Tower 201 Main Street Ft. Worth, Texas 76102

ATTENTION: Jens Hansen

Case 366

RE: 1983 Plan of Development for Big Eddy, James Ranch, and Poker Lake Federal Units

Dear Sir:

Enclosed please find an approved copy of the material referenced above. Such approval is contingent upon like approval by the Commissioner of Public Lands and the U. S. Minerals Management Service.

Sincerely,

Roy Z. Johnson

Petroleum Geologist

REJ/dp

cc: Commissioner of Public Lands - Santa Fe Minerals Management Service - Albuquerque OCD District Office