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August 3, 1993

HAND-DELIVERED

William J. LeMay, Director
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
State Land Office Building
Santa Fe, New Mexico 87503

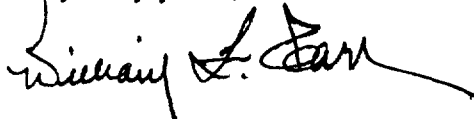
3 1993
Case 10810

Re: Application of Marbob Energy Corporation for Statutory Unitization of the
Burch-Keely Unit Area, Eddy County, New Mexico

Dear Mr. LeMay:

Enclosed in triplicate is the Application of Marbob Energy Corporation in the above-referenced case as well as a draft of a legal advertisement for this matter. Marbob Energy Corporation respectfully requests that this case be placed on the docket for the August 26, 1993 Examiner hearings.

Very truly yours,



WILLIAM F. CARR

WFC:mlh

Enclosures

cc: Mr. Raye Miller (w/enclosures)

CASE ~~10870~~:
10810

Application of Marbob Energy Corporation for statutory unitization, Eddy County, New Mexico. Applicant seeks an order unitizing for the purpose of establishing a secondary recovery project, all mineral interests in the Grayburg-Jackson Pool, Seven Rivers, Queen, Grayburg and San Andres formations, underlying 5149.44 acres, more or less, of Federal land comprising portions of Township 17 South, Ranges 29 and 30 East, to be designated the Burch-Keely Unit Area. To be considered will be those matters required by the New Mexico Statutory Unitization Act, Subsection 70-7-1 et seq., N.M.S.A. 1978, and other provisions of the unit agreement and unit operating agreement. Said unit area is located approximately ____ miles ____ of _____, New Mexico.

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BEFORE THE
OIL CONSERVATION DIVISION

NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES

IN THE MATTER OF THE APPLICATION
OF MARBOB ENERGY CORPORATION FOR
STATUTORY UNITIZATION OF THE
BURCH-KEELY UNIT AREA,
EDDY COUNTY, NEW MEXICO.

1993 CASE NO. 10810

APPLICATION

MARBOB ENERGY CORPORATION, pursuant to the provisions of the New Mexico Statutory Unitization Act (Section 70-7-1 through 70-7-21, N.M.S.A. 1978 Comp.), hereby applies to the Oil Conservation Division for an order unitizing the Burch-Keely Unit Area, Eddy County, New Mexico, and in support of its application states:

1. Marbob Energy Corporation seeks an order pursuant to the Statutory Unitization Act providing for unitized management, operation and further development of the proposed Burch-Keely Unit Area which consists of 5149.44 acres, more or less, of Federal land located in Eddy County, New Mexico, and is more particularly described as follows:

Township 17 South, Range 29 East, N.M.P.M.

| | |
|-------------------------|-----------|
| Section 12: | SE/4 SE/4 |
| Section 13: | All |
| Sections 23 through 26: | All |

Township 17 South, Range 30 East, N.M.P.M.

| | |
|---------------------|-----|
| Sections 18 and 19: | All |
| Section 30: | All |

a map of the proposed Unit Area is attached to this application as Exhibit "A".

2. The vertical limits of the formations to be included within the proposed Unit Area is that stratigraphic interval occurring between the top of the Seven Rivers formation and the base of the San Andres formation or 5000 feet beneath the surface, whichever is lesser.

3. The portions of the reservoirs involved in this application have been defined by development.

4. The type of operations conducted in this Unit initially will include secondary recovery by means of waterflooding in the Grayburg and San Andres formation, Grayburg-Jackson Pool (Seven Rivers-Queen-Grayburg-San Andres). This waterflood project has previously been authorized by the Division in Case 8418, Order No. R-7900.

5. Attached to this application as Exhibit "B" and incorporated herein is a copy of the proposed plan of unitization which Marbob Energy Corporation considers fair, reasonable and equitable.

6. Attached to this application as Exhibit "C" and incorporated herein is a copy of the proposed operating plan covering the manner in which the unit will be supervised and managed and costs allocated and paid.

7. Marbob Energy Corporation further states:

- a. Unitized management, operating and further development of the portion of the Seven Rivers, Queen, Grayburg and San Andres formations, Grayburg-Jackson Pool, which is the subject of this application is reasonably necessary in order

to effectively carry on secondary recovery operations and to substantially increase the ultimate recovery of oil from the unitized portion of the pool.

- b. Unitized methods of operation applied to this portion of the Grayburg-Jackson Pool are feasible, will prevent waste and will result with reasonable probability in the increased recovery of substantially more oil from the pool than would otherwise be recovered.
- c. The estimated additional costs, if any, of conducting such operations will not exceed the estimated value of additional oil recovered plus reasonable profit.
- d. Unitization and adoption of unitized methods of operation will benefit the working interest owners and the royalty owners of the oil and gas rights within this portion of the pool.
- e. Marbob Energy Corporation, as operator, has made a good faith effort to secure voluntary unitization of all interests within the portion of the Grayburg-Jackson Pool affected by this

application.

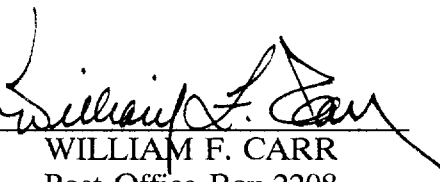
- f. The participation formula contained in the unitization agreement allocates the produced and saved unitized hydrocarbons to the separately owned tracts in the Unit Area on a fair, reasonable and equitable basis.

8. Statutory unitization of the Burch-Keely Unit Area, Grayburg-Jackson Pool, is in the best interest of conservation, the prevention of waste and the protection of correlative rights.

WHEREFORE, Marbob Energy Corporation respectfully requests that this application be set for hearing before a duly appointed Examiner of the Oil Conservation Division on August 26, 1993 and, that after notice and hearing as required by law and the rules of the Division, the Division enter its Order granting this application statutorily unitizing the Burch-Keely Unit Area, Eddy County, New Mexico.

Respectfully submitted,

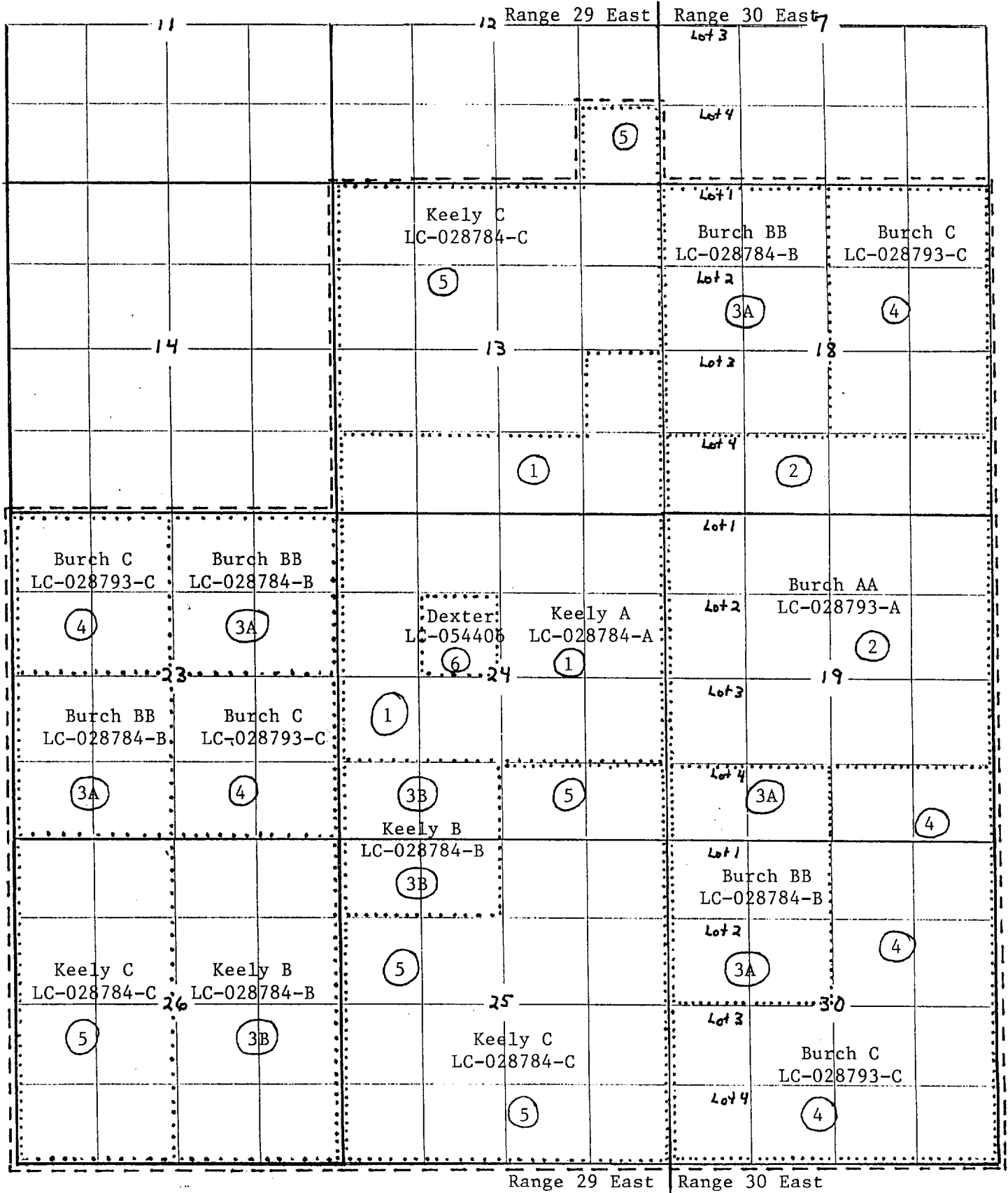
CAMPBELL, CARR, BERGE
& SHERIDAN, P.A.

By: 
WILLIAM F. CARR
Post Office Box 2208
Santa Fe, New Mexico 87504
Telephone: (505) 988-4421

ATTORNEYS FOR MARBOB ENERGY
CORPORATION

EXHIBIT A

TOWNSHIP 17 South RANGE 29,30 East COUNTY Eddy STATE New Mexico



Legend

- Unit Boundary
- Tract Boundary
- 2- Section Number
- ⑨ Tract Number

BURCH-KEELY UNIT
TOTAL UNIT ACREAGE 5129.44

UNIT AGREEMENT
BURCH-KEELY UNIT
EDDY COUNTY, NEW MEXICO

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UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION
OF THE
BURCH-KEELY UNIT
EDDY COUNTY, NEW MEXICO

THIS AGREEMENT entered into as of the _____ day of _____, 1993, by and between the parties subscribing, ratifying, or consenting hereto, and herein referred to as the "parties hereto,"

WHEREAS, the parties hereto are the owners of working, royalty, or other oil and gas interests in the Unit Area subject to this Agreement; and

WHEREAS, the Mineral Leasing Act of February 25, 1920, 41 stat. 437, as amended, 30 U.S.C. Secs. 181 et seq., authorized Federal lessees and their representatives to unite with each other, or jointly or separately with others, in collectively adopting and operating a cooperative or unit plan of development or operation of any oil or gas pool, field, or like area, or any part thereof for the purpose of more properly conserving the natural resources thereof whenever determined and certified by the Secretary of the Interior to be necessary or advisable in the public interest; and

WHEREAS, the Oil Conservation Division of the State of New Mexico (hereinafter referred to as the "Division") is authorized by an Act of the Legislature (chapter 72, Laws of 1935 as amended) (Chapter 70, Article 2, Section 2 et seq., New Mexico Statutes 1978 Annotated) to approve this Agreement and the conservation provisions hereof; and

WHEREAS, the Oil Conservation Division of the Energy and Minerals Department of the State of New Mexico is authorized by law (Chapter 65, Article 3 and Article 14, N.M.S. 1953 Annotated) to approve this Agreement and the conservation provisions hereof; and

WHEREAS, the parties hereto hold sufficient interest in the Unit Area covering the land hereinafter described to give reasonably effective control of operations therein; and

WHEREAS, it is the purpose of the parties hereto to conserve natural resources, prevent waste, and secure other benefits obtainable through development and operation of the area subject to this Agreement under the terms, conditions, and limitations herein set forth;

NOW, THEREFORE, in consideration of the premises and the promises herein contained, the parties hereto commit to this Agreement their respective interest in the below-defined Unit Area, and agree severally among themselves as follows:

UNIT AGREEMENT
BURCH-KEELY UNIT
EDDY COUNTY, NEW MEXICO

Section 1. ENABLING ACT AND REGULATIONS. The Mineral Leasing Act of February 25, 1920, as amended, supra, and all valid pertinent regulations, including operating and unit plan regulations, heretofore issued thereunder or valid, pertinent, and reasonable regulations hereafter issued thereunder are accepted and made a part of this Agreement as to Federal lands, provided such regulations are not inconsistent with the terms of this Agreement; and as to non-Federal lands, if any, the oil and gas operating regulations in effect as of the Effective Date hereof governing drilling and producing operations, not inconsistent with the terms hereof or the laws of the state in which such non-Federal land is located, are hereby accepted and made a part of this Agreement.

Section 2. UNIT AREA AND DEFINITIONS. For the purpose of this Agreement, the following terms and expressions as used herein shall mean:

(a) "Unit Area" is defined as those lands described in Exhibit "B" and depicted on Exhibit "A" hereof, and such land is hereby designated and recognized as constituting the Unit Area, containing 5,129.44 acres, more or less, in Eddy County, New Mexico.

(b) "Division" is defined as the Oil Conservation Division of the Department of Energy and Minerals of the State of New Mexico.

(c) "Authorized Officer" or "A.O." is an employee of the Bureau of Land Management who has been delegated the required authority to act on behalf of the BLM.

(d) "Secretary" is defined as the Secretary of the Interior of the United States of America, or his duly authorized delegate.

(e) "Department" is defined as the Department of the Interior of the United States of America.

(f) "Proper BLM Office" is defined as the Bureau of Land Management office having jurisdiction over the federal lands included in the Unit Area.

(g) "Unitized Formation" shall mean that interval underlying the Unit Area, the vertical limits of which extend from the top of the Seven Rivers Formation to the base of the San Andres Formation or 5,000 feet beneath the surface, whichever is lesser.

(h) "Unitized Substances" are all oil, gas, gaseous substances, sulphur contained in gas, condensate, distillate and all associated and constituent liquid or liquefiable hydrocarbons, other than outside substances, within and produced from the Unitized Formation.

(i) "Tract" is each parcel of land described as such and given a Tract number in Exhibit "C".

(j) "Tract Participation" is defined as the percentage of participation shown on Exhibit "C" for allocating Unitized Substances to a Tract under this Agreement.

(k) "Unit Participation" is the sum of the percentages obtained by multiplying the Working Interest of a Working Interest Owner in each Tract by the Tract Participation of such Tract.

(l) "Working Interest" is the right to search for, produce and acquire Unitized Substances whether held as an incident of ownership of mineral fee simple title, under an oil and gas lease, operating agreement, or otherwise held, which interest is chargeable with and obligated to pay or bear, either in cash or out of production, or otherwise, all or a portion of the cost of drilling, developing and producing the Unitized Substances from the Unitized Formation and operations thereof hereunder. Provided that any royalty interest created out of a working interest subsequent to the execution of this Agreement by the owner of the working interest shall continue to be subject to such working interest burdens and obligations.

(m) "Working Interest Owner" is any party hereto owning a Working Interest, including a carried working interest owner, holding an interest in Unitized Substances by virtue of a lease, operating agreement, fee title or otherwise. The owner of oil and gas rights that are free of lease or other instrument creating a Working Interest in another shall be regarded as a Working Interest Owner to the extent of seven-eighths (7/8) of his interest in Unitized Substances, and as a Royalty Owner with respect to his remaining one-eighth (1/8) interest therein.

(n) "Royalty Interest" or "Royalty" is an interest other than a Working Interest in or right to receive a portion of the Unitized Substances or the proceeds thereof and includes the royalty interest reserved by the lessor or by an oil and gas lease and any overriding royalty interest, oil payment interest, net profit contracts, or any other payment or burden which does not carry with it the right to search for and produce unitized substances.

(o) "Royalty Owner" is the owner of a Royalty Interest.

(p) "Unit Operating Agreement" is the agreement entered into by and between the Unit Operator and the Working Interest Owners as provided in Section 9, infra, and shall be styled "Unit Operating Agreement, Burch-Keely Unit, Eddy County, New Mexico".

(q) "Oil and Gas Rights" is the right to explore, develop and operate lands within the Unit Area for the production of Unitized Substances, or to share in the production so obtained or the proceeds thereof.

(r) "Outside Substances" is any substance obtained from any source other than the Unitized Formation and injected into the Unitized Formation.

(s) "Unit Manager" is any person or corporation appointed by Working Interest Owners to perform the duties of Unit Operator until the selection and qualification of a successor Unit Operator as provided for in Section 7 hereof.

(t) "Unit Operator" is the party designated by Working Interest Owners under the Unit Operating Agreement to conduct Unit Operations.

(u) "Unit Operations" is any operation conducted pursuant to this Agreement and the Unit Operating Agreement.

(v) "Unit Equipment" is all personal property, lease and well equipment, plants, and other facilities and equipment

taken over or otherwise acquired for the joint account for use in Unit Operations.

(w) "Unit Expense" is all costs, expense, or indebtedness incurred by Working Interest Owners or Unit Operator pursuant to this Agreement and the Unit Operating Agreement for or on account of Unit Operations.

(x) "Effective Date" is the date determined in accordance with Section 24, or as redetermined in accordance with Section 39.

(y) "Formations" shall mean all vertical intervals underlying the Unit Area other than those included within the Unitized Formation.

Section 3. EXHIBITS. The following exhibits are incorporated herein by reference: Exhibit "A" attached hereto is a map showing the Unit Area and the boundaries and identity of tracts and leases in said Unit Area to the extent known to the Unit Operator. Exhibit "B" attached hereto sets out calculations and factors utilized in calculating the tract participation factor for each Tract. Exhibit "C" attached hereto is a schedule showing, to the extent known to the Unit Operator, the acreage comprising each Tract, percentages and kind of ownership of oil and gas interests in all land in the Unit Area, and Tract Participation of each Tract. However, nothing herein or in said schedule or map shall be construed as a representation by any party hereto as to the ownership of any interest other than such interest or interests as are shown in said map or schedule as owned by such party. The shapes and descriptions of the respective Tracts have been established by using the best information available. Each Working Interest Owner is responsible for supplying Unit Operator with accurate information relating to each Working Interest Owner's interest. If it subsequently appears that any Tract, because of diverse royalty or working interest ownership on the Effective Date hereof, should be divided into more than one Tract, or when any revision is requested by the A.O., or any correction of any error other than mechanical miscalculations or clerical is needed, then the Unit Operator, with the approval of the Working Interest owners, may correct the mistake by revising the exhibits to conform to the facts. The revision shall not include any reevaluation of engineering or geological interpretations used in determining Tract Participation. Each such revision of an exhibit made prior to thirty (30) days after the Effective Date shall be effective as of the Effective Date. Each other such revision of an exhibit shall be effective at 8:00 a.m. on the first day of the calendar month next following the filing for record of the revised exhibit or on such other date as may be determined by Working Interest Owners and set forth in the revised exhibit. Copies of such revision with not less than four copies shall be filed with the A.O. In any such revision, there shall be no retroactive allocation or adjustment of Unit Expenses or of interests in the Unitized Substances produced, or proceeds thereof.

Section 4. EXPANSION. The above described Unit Area may, with the approval of the A.O., when practicable be expanded to include therein any additional Tract, Tracts or Formations regarded as reasonably necessary or advisable for the purposes of this Agreement provided however, in such expansion there shall be no retroactive allocation or adjustment of Unit Expense or of interests in the Unitized Substances produced, or proceeds thereof. Pursuant to Subsection (b), the Working Interest Owners may agree upon an adjustment of investment by reason of the expansion. Such expansion shall be effected in the following manner:

(a) The Working Interest Owner or Owners of a Tract, Tracts or Formations desiring to bring such Tract, Tracts or

Formations into this unit, shall file an application therefor with Unit Operator requesting such admission.

(b) Unit Operator shall circulate a notice of the proposed expansion to each Working Interest Owner in the Unit Area and in the Tract or Formations proposed to be included in the unit, setting out the basis for admission, the Tract participation to be assigned to each Tract in the enlarged Unit Area and other pertinent data. After negotiation (at a Working Interest Owners meeting or otherwise), if at least three Working Interest Owners having in the aggregate seventy-five percent (75%) of the Unit Participation then in effect have agreed to inclusion of such Tract, Tracts or Formations in the Unit Area, then Unit Operator shall:

(1) After obtaining preliminary concurrence by the A.O., prepare a notice of proposed expansion describing the contemplated changes in the boundaries or Unitized Formation of the Unit Area, the reason therefore, the basis for admission of the additional Tract, Tracts or Formations, the Tract Participation to be assigned thereto and the proposed effective date thereof; and

(2) Deliver copies of said notice to the A.O. at the Proper BLM Office, each Working Interest Owner and to the last known address of each lessee and lessor whose interests are affected, advising such parties that thirty (30) days will be allowed for submission to the Unit Operator of any objection to such proposed expansion; and

(3) File, upon the expiration of said thirty (30) day period as set out in (2) immediately above with the A.O. the following: (a) evidence of mailing or delivering copies of said notice of expansion; (b) an application for approval of such expansion; (c) an instrument containing the appropriate joinders in compliance with the participation requirements of Section 14, and Section 32, infra; and (d) a copy of all objections received along with the Unit Operator's response thereto.

The expansion shall, after due consideration of all pertinent information and approval by the A.O., become effective as of the date prescribed in the notice thereof, preferably the first day of the month subsequent to the date of notice. The revised Tract Participation of the respective Tracts included within the Unit Area prior to such enlargement shall remain the same ratio one to another.

Section 5. UNITIZED LAND. All land committed to this Agreement as to the Unitized Formation shall constitute land referred to herein as "unitized land" or "land subject to this agreement". Nothing herein shall be construed to unitize, pool, or in any way affect the oil, gas and other minerals contained in or that may be produced from any formation other than the Unitized Formation as defined in Section 2 (g) of this Agreement.

Section 6. UNIT OPERATOR. Marbob Energy Corporation is hereby designated the Unit Operator, and by signing this instrument as Unit Operator, agrees and consents to accept the duties and obligations of Unit Operator for the operation, development, and production of Unitized Substances as herein provided. Whenever reference is made herein to the Unit Operator, such reference means the Unit Operator acting in that capacity and not as an owner of interests in Unitized Substances, when such interests are owned by it and the term "Working Interest Owner" when used herein shall include or refer to the Unit Operator as the owner of a Working Interest when such an interest is owned by it.

Unit Operator shall have a lien upon the interests of Working Interest Owners in the Unit Area to the extent provided in the Unit Operating Agreement.

Section 7. RESIGNATION OR REMOVAL OF UNIT OPERATOR. Unit Operator shall have the right to resign at any time, but such resignation shall not become effective so as to release Unit Operator from the duties and obligations of Unit Operator and terminate Unit Operator's rights as such for a period of six (6) months after written notice of intention to resign has been given by Unit Operator to all Working Interest Owners, and the A.O., unless a new Unit Operator shall have taken over and assumed the duties and obligations of Unit Operator prior to the expiration of said period.

The Unit Operator shall, upon default or failure in the performance of its duties and obligations hereunder, be subject to removal by Working Interest Owners having in the aggregate eighty percent (80%) or more of the Unit Participation then in effect, exclusive of the Working Interest Owner who is the Unit Operator. Such removal shall be effective upon notice thereof to the A.O.

In all such instances of effective resignation or removal, until a successor to Unit Operator is selected and approved as hereinafter provided, the Working Interest Owners shall be jointly responsible for the performance of the duties of the Unit Operator and shall, no later than thirty (30) days before such resignation or removal becomes effective, appoint a Unit Manager to represent them in any action to be taken hereunder.

The resignation or removal of Unit Operator under this Agreement shall not terminate its right, title or interest as the owner of a Working Interest or other interest in Unitized Substances, but upon the resignation or removal of Unit Operator becoming effective, such Unit Operator shall deliver possession of all wells, equipment, books and records, materials, appurtenances and any other assets used in connection with the Unit Operations to the new duly qualified successor Unit Operator or to the Unit Manager, if no such new Unit Operator is elected. Nothing herein shall be construed as authorizing the removal of any material, equipment or appurtenances needed for the preservation of any wells. Nothing herein contained shall be construed to relieve or discharge any Unit Operator or Unit Manager who resigns or is removed hereunder from any liability or duties accruing or performable by it prior to the effective date of such resignation or removal.

Section 8. SUCCESSOR UNIT OPERATOR. Whenever the Unit Operator shall tender its resignation as Unit Operator or shall be removed as hereinabove provided, the Working Interest Owners shall select a successor Unit Operator as herein provided. Such selection shall not become effective until (a) a Unit Operator so selected shall accept in writing the duties and responsibilities of Unit Operator, and (b) the selection shall have been approved by the A.O. If no successor Unit Operator or Unit Manager is selected and qualified as herein provided, the A.O., at their election, may declare this Agreement terminated.

In selecting a successor Unit Operator, the affirmative vote of three or more Working Interest Owners having a total of sixty-five percent (65%) or more of the total Unit Participation shall prevail; provided that if any one Working Interest Owner has a Unit Participation of more than thirty-five percent (35%), its negative vote or failure to vote shall not be regarded as sufficient unless supported by the vote of one or more other Working Interest Owners having a total Unit Participation of at least five percent (5%). If the Unit Operator who is removed, votes only to succeed itself or fails to vote, the successor Unit Operator may be selected by the affirmative vote of the owners of at least seventy-five percent (75%) of the Unit Participation remaining after excluding the Unit Participation of Unit Operator so removed.

Section 9. ACCOUNTING PROVISIONS AND UNIT OPERATING AGREEMENT. Costs and expenses incurred by Unit Operator in conducting Unit Operations hereunder shall be paid, apportioned among and borne by the Working Interest Owners in accordance with the Unit Operating Agreement. Such Unit Operating Agreement shall also provide the manner in which the Working Interest Owners shall be entitled to receive their respective proportionate and allocated share of the benefits accruing hereto in conformity with their underlying operating agreements, leases or other contracts and such other rights and obligations as between Unit Operator and the Working Interest Owners as may be agreed upon by the Unit Operator and the Working Interest Owners; however, no such Unit Operating Agreement shall be deemed either to modify any of the terms and conditions of this Agreement or to relieve the Unit Operator of any right or obligation established under this Agreement, and in case of any inconsistency or conflict between this Agreement, and the Unit Operating Agreement, this Agreement shall prevail. Copies of any Unit Operating Agreement executed pursuant to this Section shall be filed with the A.O. at the Proper BLM Office as required prior to approval of this Agreement.

Section 10. RIGHTS AND OBLIGATIONS OF UNIT OPERATOR. Except as otherwise specifically provided herein, the exclusive right, privilege and duty of exercising any and all rights of the parties hereto including surface rights which are necessary or convenient for prospecting for, producing, storing, allocating and distributing the Unitized Substances are hereby delegated to and shall be exercised by the Unit Operator as herein provided. Upon request, acceptable evidence of title to said rights shall be deposited with said Unit Operator, and together with this Agreement, shall constitute and define the rights, privileges and obligations of Unit Operator. Nothing herein, however, shall be construed to transfer title to any land or to any lease or operating agreement, it being understood that under this Agreement the Unit Operator, in its capacity as Unit Operator, shall exercise the rights of possession and use vested in the parties hereto only for the purposes herein specified.

Section 11. PLAN OF OPERATIONS. It is recognized and agreed by the parties hereto that all of the land subject to this Agreement is reasonably proved to be productive of Unitized Substances and that the object and purpose of this Agreement is to formulate and to put into effect an improved recovery project in order to effect additional recovery of Unitized Substances, prevent waste and conserve natural resources. Unit Operator shall have the right to inject into the Unitized Formation any substances for secondary recovery or enhanced recovery purposes in accordance with a plan of operation approved by the Working Interest Owners, the A.O., and the Division, including the right to drill and maintain injection wells on the Unitized Land and completed in the Unitized Formation, and to use abandoned well or wells producing from the Unitized Formation for said purpose. Subject to like approval, the Plan of Operation may be revised as conditions may warrant.

The initial Plan of Operation shall be filed with the A.O. and the Division, with the filing of this Unit Agreement for final approval. Said initial plan of operations and all revisions thereof shall be as complete and adequate as the A.O. the Division may determine to be necessary for timely operation consistent herewith. Upon approval of this Agreement and the initial plan by the A.O. and the Division, said plan, and all subsequently approved plans, shall constitute the operating obligations of the Unit Operator under this Agreement for the period specified therein. Thereafter, from time to time before the expiration of any existing plan, the Unit Operator shall submit for like approval a plan for an additional specified

period of operations. After such operations are commenced, reasonable diligence shall be exercised by the Unit Operator in complying with the obligations of the approved Plan of Operation.

Notwithstanding anything to the contrary herein contained, should the Unit Operator fail to commence Unit Operations for the secondary recovery of Unitized Substances from the Unit Area within eighteen (18) months after the effective date of this Agreement, or any extension thereof approved by the A.O., this Agreement shall terminate automatically as of the date of default.

Section 12. USE OF SURFACE AND USE OF WATER. The parties to the extent of their rights and interests, hereby grant to Unit Operator the right to use as much of the surface, including the water thereunder, of the Unitized Land as may reasonably be necessary for Unit Operations.

Unit Operator's free use of water or brine or both for Unit Operations, shall not include any water from any well, lake, pond or irrigation ditch of a surface owner, unless approval for such use is granted by the surface owner.

Unit Operator shall pay the surface owner(s) for damages to growing crops, fences, improvements and structures on the Unitized Land that result from Unit Operations, and such payments shall be considered as items of unit expense to be borne by all the Working Interest Owners of lands subject hereto.

Section 13. TRACT PARTICIPATION. In Exhibit "C" attached hereto, there are listed and numbered the various Tracts within the Unit Area, and set forth opposite each Tract are figures which represent the Tract Participation, during Unit Operations if all Tracts in the Unit Area qualify as provided herein. The Tract Participation of each Tract as shown in Exhibit "C" was determined in accordance with the following formula:

$$\text{Tract Participation} = A/B \times .50 + C/D \times .125 + E/F \times .125 + .25 \times G/H$$

- A = the Tract Cumulative Oil Production for each Tract from the Unitized Formation as of December 31, 1992.
- B = the Unit Total Cumulative Oil Production from the Unitized Formation as of December 31, 1992.
- C = the Future Oil Reserves from Continued Operations from the Unitized Formation for each Tract, commencing December 31, 1992.
- D = the Future Oil Reserves from Continued Operations from the Unitized Formation for all Unit Tracts, commencing December 31, 1992.
- E = the amount of oil produced from the Unitized Formation from each Tract from January 1, 1992, through December 31, 1992.
- F = the amount of oil produced from the Unitized Formation from all Unit Tracts from January 1, 1992 through December 31, 1992.
- G = the Future Oil Reserves estimated to be produced by Unit Operations from the Unitized Formation for each Unit Tract from January 1, 1993 to the exhaustion of operations.
- H = the Future Oil Reserves estimated to be produced by Unit Operations from the Unitized Formation for all

Unit Tracts from January 1, 1993 to the exhaustion of operations.

In the event less than all Tracts are qualified on the Effective Date hereof, the Tract Participation shall be calculated on the basis of all such qualified Tracts rather than all Tracts in the Unit Area.

Section 14. TRACTS QUALIFIED FOR PARTICIPATION. On and after the Effective Date hereof, the Tracts within the Unit Area which shall be entitled to participation in the production of Unitized Substances shall be those Tracts more particularly described in Exhibit "C" that corner or have a common boundary (Tracts separated only by a public road or a railroad right-of-way shall be considered to have a common boundary), and that otherwise qualify as follows:

(a) Each tract as to which Working Interest Owners owning one hundred percent (100%) of the Working Interest have become parties to this Agreement and as to which Royalty Owners owning seventy-five percent (75%) or more of the Royalty Interest have become parties to this Agreement.

(b) Each Tract as to which Working Interest Owners owning one hundred percent (100%) of the Working Interest have become parties to this Agreement, and as to which Royalty Owners owning less than seventy-five percent (75%) of the Royalty Interest have become parties to this Agreement, and as to which (1) the Working Interest Owner who operates the Tract and Working Interest Owners owning at least seventy-five percent (75%) of the remaining Working Interest in such Tract have joined in a request for the inclusion of such Tract, and as to which (2) Working Interest Owners owning at least seventy-five percent (75%) of the combined Unit Participation in all Tracts that meet the requirements of Section 14(a) above have voted in favor of the inclusion of such tract.

(c) Each Tract as to which Working Interest Owners owning less than one hundred percent (100%) of the Working Interest have become parties to this Agreement, regardless of the percentage of Royalty Interest therein that is committed hereto; and as to which (1) the Working Interest Owner who operates the Tract and Working Interest Owners owning at least seventy-five percent (75%) of the remaining Working Interest in such Tract who have become parties to this Agreement, have joined in a request for inclusion of such Tract, and have executed and delivered an indemnity agreement, indemnifying and agreeing to hold harmless the other owners of committed Working Interests, their successors and assigns, against all claims and demands that may be made by the owners of Working Interests in such Tract who are not parties to this Agreement, and which arise out of the inclusion of the Tract; and as to which (2) Working Interest Owners owning at least seventy-five percent (75%) of the Unit Participation in all Tracts that meet the requirements of Section 14 (a) and 14 (b) have voted in favor of the inclusion of such Tract and to accept the indemnity agreement. Upon the inclusion of such a Tract, the Tract Participations which would have been attributed to the nonsubscribing owners of Working Interest in such Tract, had they become parties to this Agreement and the Unit Operating Agreement, shall be attributed to the Working Interest Owners in such Tract who have become parties to such agreements, and joined in the indemnity agreement, in proportion to their respective Working Interests in the Tract.

If on the Effective Date of this Agreement there is any Tract or Tracts which have not been effectively committed to or made subject to this Agreement by qualifying as above provided, then such Tract or Tracts shall not be entitled to participate hereunder. Unit Operator shall, when submitting this Agreement for final approval by the A.O., file therewith a schedule of

those tracts which have been committed and made subject to this Agreement and are entitled to participate in Unitized Substances. Said schedule shall set forth opposite each such committed Tract the lease number or assignment number, the owner of record of the lease, and the percentage participation of such tract which shall be computed according to the participation formula set forth in Section 13 (Tract Participation) above. This schedule of participation shall be revised Exhibit "B" and upon approval thereof by the A.O., shall become a part of this Agreement and shall govern the allocation of production of Unitized Substances until a new schedule is approved by the A.O.

Section 15.A. ALLOCATION OF UNITIZED SUBSTANCES. All Unitized Substances produced and saved (less, save and except any part of such Unitized Substances used in conformity with good operating practices on unitized land for drilling, operating, camp and other production or development purposes and for injection or unavoidable loss in accordance with a Plan of Operation approved by the A.O.) shall be apportioned among and allocated to the qualified Tracts in accordance with the respective Tract Participations effective hereunder during the respective periods such Unitized Substances were produced, as set forth in the schedule of participation in Exhibit "B". The amount of Unitized Substances so allocated to each tract, and only that amount (regardless of whether it be more or less than the amount of the actual production of Unitized Substances from the well or wells, if any, on such Tract) shall, for all intents, uses and purposes, be deemed to have been produced from such Tract.

The Unitized Substances allocated to each Tract shall be distributed among, or accounted for, to the parties entitled to share in the production from such Tract in the same manner, in the same proportions, and upon the same conditions, as they would have participated and shared in the production from such Tracts, or in the proceeds thereof, had this Agreement not been entered into; and with the same legal force and effect.

No Tract committed to this Agreement and qualified for participation as above provided shall be subsequently excluded from participation hereunder on account of depletion of Unitized Substances.

If the Working Interest and/or the Royalty Interest in any Tract are divided with respect to separate parcels or portions of such Tract and owned now or hereafter in severalty by different persons, the Tract Participation shall in the absence of a recordable instrument executed by all owners in such Tract and furnished to Unit Operator fixing the divisions of ownership, be divided among such parcels or portions in proportion to the number of surface acres in each.

Section 15.B. TAKING UNITIZED SUBSTANCES IN KIND. The Unitized Substances allocated to each Tract shall be delivered in kind to the respective parties entitled thereto by virtue of the ownership of oil and gas rights therein. Each such party shall have the right to construct, maintain and operate all necessary facilities for that purpose within the Unitized Area, provided the same are so constructed, maintained and operated as not to interfere with Unit Operations. Subject to Section 17 hereof, any extra expenditure incurred by Unit Operator by reason of the delivery in kind of any portion of the Unitized Substances shall be borne by the party taking delivery. In the event any Working Interest Owner shall fail to take or otherwise adequately dispose of its proportionate share of the production from the Unitized Formation, then so long as such condition continues, Unit Operator, for the account and at the expense of the Working Interest Owner of the Tract or Tracts concerned, and in order to avoid curtailing the operation of the Unit Area, may, but shall not be required to, sell or otherwise dispose of such production to itself or to others, provided that all contracts of sale by

Unit Operator of any other party's share of Unitized Substances shall be only for such reasonable periods of time as are consistent with the minimum needs of the industry under the circumstances, but in no event shall any such contract be for a period in excess of one year, and at not less than the prevailing market price in the area for like production, and the account of such Working Interest Owner shall be charged therewith as having received such production. The net proceeds, if any, of the Unitized Substances so disposed of by Unit Operator shall be paid to the Working Interest Owner of the Tract or Tracts concerned. Notwithstanding the foregoing, Unit Operator shall not make a sale into interstate commerce of any Working Interest Owner's share of gas production without first giving such Working Interest Owner sixty (60) days' notice of such intended sale.

Any Working Interest Owner receiving in kind or separately disposing of all or any part of the Unitized Substances allocated to any Tract, or receiving the proceeds therefrom if the same is sold or purchased by Unit Operator, shall be responsible for the payment of all royalty, overriding royalty and production payments due thereon, and each such party shall hold each other Working Interest Owner harmless against all claims, demands and causes of action by owners of such royalty, overriding royalty and production payments.

If, after the Effective Date of this Agreement, there is any Tract, Tracts or Formation that are subsequently committed hereto, as provided in Section 4 (Expansion) hereof, or any Tract or Tracts within the Unit Area not committed hereto as of the Effective date hereof but which are subsequently committed hereto under the provisions of Section 14 (Tracts Qualified for Participation) and Section 32 (Nonjoinder and Subsequent Joinder); or if any Tract is excluded from this Agreement as provided for in Section 21 (Loss of Title), the schedule of participation as shown in Exhibit "C" shall be revised by the Unit Operator; and the revised Exhibit "C", upon approval by the A.O., shall govern the allocation of production on and after the effective date thereof until a revised schedule is approved as hereinabove provided.

Section 16. OUTSIDE SUBSTANCES. If gas obtained from formations not subject to this Agreement is introduced into the Unitized Formation for use in repressuring, stimulating of production or increasing ultimate recovery which shall be in conformity with a Plan of Operation first approved by the A.O., a like amount of gas with appropriate deduction for loss or depletion from any cause may be withdrawn from unit wells completed in the Unitized Formation royalty free as to dry gas, but not royalty free as to the products extracted therefrom; provided that such withdrawal shall be at such time as may be provided in the approved Plan of Operations or as otherwise may be consented to or prescribed by the A.O. as conforming to good petroleum engineering practices and provided further that such right of withdrawal shall terminate on the termination date of this Agreement.

Section 17. ROYALTY SETTLEMENT. The United States of America and all Royalty Owners who, under an existing contract, are entitled to take in kind a share of the substances produced from any Tract unitized hereunder, shall continue to be entitled to such right to take in kind their share of the Unitized Substances allocated to such Tract, and Unit Operator shall make deliveries of such Royalty share taken in kind in conformity with the applicable contracts, laws and regulations. Settlement for Royalty not taken in kind shall be made by Working Interest Owner responsible therefor under existing contracts, laws and regulations on or before the last day of each month for Unitized Substances produced during the preceding calendar month; provided, however, that nothing herein contained shall operate to relieve the lessees of any land from their respective lease

obligations for the payment of any Royalty due under the leases, except that such Royalty shall be computed on Unitized Substances as allocated to each Tract in accordance with the terms of this Agreement. With respect to Federal leases committed hereto on which the royalty rate depends upon the daily average production per well, such average production shall be determined in accordance with the operating regulations pertaining to Federal leases as though the committed Tracts were included in a single consolidated lease.

If the amount of production or the proceeds thereof accruing to any Royalty Owner (except the United States of America) in a Tract depends upon the average production per well or the average pipeline runs per well from such Tract during any period of time, then such production shall be determined from and after the effective date hereof by dividing the quantity of Unitized Substances allocated hereunder to such Tract during such period of time by the number of wells located thereon capable of producing Unitized Substances as of the Effective Date hereof, provided that any Tract not having any well so capable of producing Unitized Substances on the Effective Date hereof shall be considered as having one such well for the purpose of this provision.

All Royalty due the United States of America and the other Royalty Owners hereunder shall be computed and paid on the basis of all Unitized Substances allocated to the respective Tract or Tracts committed hereto, in lieu of actual production from such Tract or Tracts.

With the exception of Federal and State requirements to the contrary, Working Interest Owners may use or consume Unitized Substances for Unit Operations and no Royalty, overriding royalty, production or other payments shall be payable on account of Unitized Substances used, lost, or consumed in Unit Operations.

Each Royalty Owner (other than the United States of America) that executes this Agreement represents and warrants that it is the owner of a Royalty Interest in a Tract or Tracts within the Unit Area as its interest appears in Exhibit "B" attached hereto. If any Royalty Interest in a Tract or Tracts should be lost by title failure or otherwise in whole or in part, during the term of this Agreement, then the Royalty Interest of the party representing himself to be the owner thereof shall be reduced proportionately and the interests of all parties shall be adjusted accordingly.

Section 18. RENTAL SETTLEMENT. Rentals or minimum Royalties due on the leases committed hereto shall be paid by Working Interest Owners responsible therefor under existing contracts, laws and regulations provided that nothing herein contained shall operate to relieve the lessees of any land from their respective lease obligations for the payment of any rental or minimum Royalty in lieu thereof, due under their leases. Rental for lands of the State of New Mexico subject to this Agreement, if any, shall be paid at the rate specified in the respective leases from the State of New Mexico. Rental or minimum royalty for lands of the United States of America subject to this Agreement shall be paid at the rate specified in the respective leases from the United States of America, unless such rental or minimum Royalty is waived, suspended or reduced by law or by approval of the Secretary of his duly authorized representative.

Section 19. CONSERVATION. Operations hereunder and production of Unitized Substances shall be conducted to provide for the most economical and efficient recovery of said substances without waste, as defined by or pursuant to Federal and State laws and regulations.

Section 20. DRAINAGE. The Unit Operator shall take all reasonable and prudent measures to prevent drainage of Unitized Substances from unitized land by wells on land not subject to this Agreement.

The Unit Operator, upon approval by the Working Interest Owners, and the A.O., is hereby empowered to enter into a borderline agreement or agreements with working interest owners of adjoining lands not subject to this Agreement with respect to operation in the border area for the maximum economic recovery, conservation purposes and proper protection of the parties and interest affected.

Section 21. LOSS OF TITLE. In the event title to any Tract of unitized land shall fail and the true owner cannot be induced to join in this Agreement, such Tract shall be automatically regarded as not committed hereto, and there shall be such readjustment of future costs and benefits as may be required on account of the loss of such title. In the event of a dispute as to title to any Royalty, Working Interest, or other interest subject thereto, payment or delivery on account thereof may be withheld without liability for interest until the dispute is finally settled; provided, that, as to State or Federal lands or leases, no payments or funds due the United States or the State of New Mexico shall be withheld, but such funds shall be deposited as directed by the A.O. (as the case may be) to be held as unearned money pending final settlement of the title dispute, and then applied as earned or returned in accordance with such final settlement.

If the title or right of any party claiming the right to receive in kind all or any portion of the Unitized Substances allocated to a Tract is in dispute, Unit Operator at the direction of Working Interest Owners shall either:

(a) require that the party to whom such Unitized Substances are delivered or to whom the proceeds thereof are paid furnish security for the proper accounting therefor to the rightful owner if the title or right of such party fails in whole or in part, or

(b) withhold and market the portion of Unitized Substances with respect to which title or right is in dispute, and impound the proceeds thereof until such time as the title or right thereto is established by a final judgment of a court of competent jurisdiction or otherwise to the satisfaction of Working Interest Owners, whereupon the proceeds so impounded shall be paid to the party rightfully entitled thereto.

Each Working Interest Owner shall indemnify, hold harmless, and defend all other Working Interest Owners against any and all claims by any party against the interest attributed to such Working Interest Owner on Exhibit "B".

Unit Operator as such is relieved from any responsibility for any defect or failure of any title hereunder.

Section 22. LEASES AND CONTRACTS CONFORMED AND EXTENDED. The terms, conditions and provisions of all leases, subleases and other contracts relating to exploration, drilling, development or operation for oil or gas on lands committed to this Agreement are hereby expressly modified and amended to the extent necessary to make the same conform to the provisions hereof, but otherwise to remain in full force and effect, and the parties hereto hereby consent that the Secretary shall, and by his approval hereof, or by the approval hereof by a duly authorized representative, does hereby establish, alter, change or revoke the drilling, producing, rental, minimum Royalty and Royalty requirements of

Federal leases committed hereto and the regulations in respect thereto to conform said requirements to the provisions of this Agreement.

Without limiting the generality of the foregoing, all leases, subleases and contracts are particularly modified in accordance with the following:

(a) The development and operation of lands subject to this Agreement under the terms hereof shall be deemed full performance of all obligations for development and operation with respect to each Tract subject to this Agreement, regardless of whether there is any development of any Tract of the Unit Area, notwithstanding anything to the contrary in any lease, operating agreement or other contact by and between the parties hereto, or their respective predecessors in interest, or any of them.

(b) Drilling, producing or improved recovery operations performed hereunder shall be deemed to be performed upon and for the benefit of each Tract, and no lease shall be deemed to expire by reason of failure to drill or produce wells situated on the land therein embraced.

(c) Suspension of drilling or producing operations within the Unit Area pursuant to direction or consent of the A.O., or their duly authorized representatives, shall be deemed to constitute such suspension pursuant to such direction or consent as to each Tract within the Unitized Area.

(d) Each lease, sublease, or contract relating to the exploration, drilling, development, or operation for oil and gas which by its terms might expire prior to the termination of this Agreement, is hereby extended beyond any such term so provided therein, so that it shall be continued in full force and effect for and during the term of this Agreement.

(e) The segregation of any Federal lease committed to this Agreement is governed by the following provision in the fourth paragraph of Section 17(j) of the Mineral Leasing Act, as amended by the Act of September 2, 1960 (74 Stat. 781-784): "Any (Federal) lease heretofore or hereafter committed to any such (unit) plan embracing lands that are in part within and in part outside of the area covered by any such plan shall be segregated into separate leases as to the lands committed and the lands not committed as of the effective date of unitization; Provided, however, that any such lease as to the nonunitized portion shall continue in force and effect for the term thereof but for not less than two years from the date of such segregation and so long thereafter as oil or gas is produced in paying quantities."

Section 23. COVENANTS RUN WITH LAND. The covenants herein shall be construed to be covenants running with the land with respect to the interest of the parties hereto and their successors in interest until this Agreement terminates, and any grant, transfer or conveyance of interest in land or leases subject hereto shall be and hereby is conditioned upon the assumption of all privileges and obligations hereunder by the grantee, transferee or other successor in interest. No assignment or transfer of any Working Interest subject hereto shall be binding upon Unit Operator until the first day of the calendar month after Unit Operator is furnished with the original, or acceptable photostatic or certified copy, of the recorded instrument or transfer; and no assignment or transfer of any Royalty Interest subject hereto shall be binding upon the Working Interest Owner responsible therefor until the first day of the calendar month after said Working Interest Owner is furnished with the original, or acceptable photostatic or certified copy, of the recorded instrument or transfer.

Section 24. EFFECTIVE DATE AND TERM. This Agreement shall become binding upon each party who executes or ratifies it as of the date of execution or ratification by such party and shall become effective on the first day of the calendar month next following the approval of this Agreement by the A.O.

If this Agreement does not become effective on or before January 1, 1994, it shall ipso facto expire on said date (hereinafter called "Expiration Date") and thereafter be of no further force or effect, unless prior thereto this Agreement has been executed or ratified by Working Interest Owners owning a combined Participation of at least seventy five percent (75%); and at least seventy-five percent (75%) of such Working Interest Owners committed to this Agreement have decided to extend Expiration Date for a period not to exceed one (1) year (hereinafter called "Extended Expiration Date"). If Expiration Date is so extended and this Agreement does not become effective on or before Extended Expiration Date, it shall ipso facto expire on Extended Expiration Date and thereafter be of no further force and effect.

Unit Operator shall file for record within thirty (30) days after the Effective Date of this Agreement, in the office of the County Clerk of Eddy County, New Mexico, where a counterpart of this Agreement has become effective according to its terms and stating further the effective date.

The terms of this Agreement shall be for and during the time that Unitized Substances are produced from the unitized land in paying quantities and so long thereafter as drilling, reworking or other operations (including improved recovery operations) are prosecuted thereon without cessation of more than ninety (90) consecutive days unless sooner terminated as herein provided.

This Agreement may be terminated with the approval of the A.O. and by Working Interest Owners owning eighty percent (80%) of the Unit Participation then in effect whenever such Working Interest Owners determine that Unit Operations are no longer profitable, or in the interest of conservation. Upon approval, such termination shall be effective as of the first day of the month after said Working Interest Owners' determination. Notice of any such termination shall be filed by Unit Operator in the office of the County Clerk of Eddy County, New Mexico, within thirty (30) days of the effective date of termination.

Upon termination of this Agreement, the parties hereto shall be governed by the terms and provisions of the lease and contracts affecting the separate Tracts just as if this Agreement had never been entered into.

Notwithstanding any other provision in the lease unitized under this Agreement, Royalty Owners hereby grant Working Interest Owners a period of six months after termination of this Agreement in which to salvage, sell, distribute or otherwise dispose of the personal property and facilities used in connection with Unit Operations.

Section 25. RATE OF PROSPECTING, DEVELOPMENT AND PRODUCTION. All production and the disposal thereof shall be in conformity with allocations and quotas made or fixed by any duly authorized person or regulatory body under any Federal or State statute. The A.O. is hereby vested with authority to alter or modify from time to time, in his discretion, the rate of prospecting and development and within the limits made or fixed by the Division to alter or modify the quantity and rate of production under this Agreement, such authority being hereby limited to alteration or modification in the public interest, the purpose thereof and the public interest to be served thereby to be stated in the order of alteration or modification.

Powers in this Section vested in the A.O shall only be exercised after notice to Unit Operator and opportunity for hearing to be held not less than fifteen (15) days from notice, and thereafter subject to administrative appeal before becoming final.

Section 26. NONDISCRIMINATION. Unit Operator in connection with the performance of work under this Agreement relating to leases of the United States, agrees to comply with all of the provisions of Section 202(1) to (7) inclusive of Executive Order 11246, (30 F.R. 12319), which are hereby incorporated by reference in this Agreement.

Section 27. APPEARANCES. Unit Operator shall have the right to appear for or on behalf of any interests affected hereby before the Department, and the Division, and to appeal from any order issued under the rules and regulations of the Department or the Division, or to apply for relief from any of said rules and regulations or in any proceedings relative to operations before the Land Commissioner, the Department or the Division or any other legally constituted authority; provided, however, that any other interested party shall also have the right at his or its own expense to be heard in any such proceeding.

Section 28. NOTICES. All notices, demands, objections or statements required hereunder to be given or rendered to the parties hereto shall be deemed fully given if made in writing and personally delivered to the party or parties or sent by postpaid certified or registered mail, addressed to such party or parties at their last known address set forth in connection with the signatures hereto or to the ratification or consent hereof or to such other address as any such party or parties may have furnished in writing to the party sending the notice, demand or statement.

Section 29. NO WAIVER OF CERTAIN RIGHTS. Nothing in this Agreement contained shall be construed as a waiver by any party hereto of the right to assert any legal or constitutional right or defense as to the validity or invalidity of any law of the State wherein said Unitized Lands are located, or regulations issued thereunder in any way affecting such party, or as a waiver by any such party of any right beyond his or its authority to waive; provided, however, each party hereto covenants that it will not resort to any action to partition the unitized land or the Unit Equipment.

Section 30. EQUIPMENT AND FACILITIES NOT FIXTURES ATTACHED TO REALTY. Each Working Interest Owner has heretofore placed and used on its Tract or Tracts committed to this Agreement various well and lease equipment and other property, equipment and facilities. It is also recognized that additional equipment and facilities may hereafter be placed and used upon the Unitized Land as now or hereafter constituted. Therefore, for all purposes of this Agreement, any such equipment shall be considered to be personal property and not fixtures attached to realty. Accordingly, said well and lease equipment and personal property is hereby severed from the mineral estates affected by this Agreement, and it is agreed that any such equipment and personal property shall be and remain personal property of the Working Interest Owners for all purposes.

Section 31. UNAVOIDABLE DELAY. All obligations under this Agreement requiring the Unit Operator to commence or continue improved recovery operations or to operate on or produce Unitized Substances from any of the lands covered by this Agreement shall be suspended while, but only so long as, the Unit Operator, despite the exercise of due care and diligence, is prevented from complying with such obligations, in whole or in part, by strikes, acts of God, Federal, State, or municipal law or agency,

unavoidable accident, uncontrollable delays in transportation, inability to obtain necessary materials or equipment in open market, or other matters beyond the reasonable control of the Unit Operator whether similar to matters herein enumerated or not.

Section 32. NONJOINER AND SUBSEQUENT JOINER. Joinder by any Royalty Owner, at any time, must be accompanied by appropriate joinder of the corresponding Working Interest Owner in order for the interest of such Royalty Owner to be regarded as effectively committed. Joinder to this Agreement by a Working Interest Owner, at any time, must be accompanied by appropriate joinder to the Unit Operating Agreement in order for such interest to be regarded as effectively committed to this Agreement.

Any oil and gas interest in the Unitized Formations not committed hereto prior to submission of this Agreement to the A.O. for final approval may thereafter be committed hereto upon compliance with the applicable provisions of this Section and Section 14 (Tracts Qualified for Participation) hereof, at any time up to the Effective Date hereof on the same basis of Tract Participation as provided in Section 13, by the owner or owners thereof subscribing, ratifying, or consenting in writing to this Agreement and, if the interest is a Working Interest, by the owner of such interest subscribing also to the Unit Operating Agreement.

It is understood and agreed, however, that from and after the Effective Date hereof the right of subsequent joinder as provided in this Section shall be subject to such requirements or approvals and on such basis as may be agreed upon by Working Interest Owners owning not less than sixty-five percent (65%) of the Unit Participation then in effect, and approved by the A.O. Such subsequent joinder by a proposed Working Interest Owner must be evidenced by his execution or ratification of this Agreement and the Unit Operating Agreement and, where State or Federal land is involved, such joinder must be approved by the A.O. Such joinder by a proposed Royalty Owner must be evidenced by his execution, ratification or consent of this Agreement and must be consented to in writing by the Working Interest Owner responsible for the payment of any benefits that may accrue hereunder in behalf of such proposed Royalty Owner. Except as may be otherwise herein provided, subsequent joinder to this Agreement shall be effective as of the first day of the month following the filing with the A.O. of duly executed counterparts of any and all documents necessary to establish effective commitment of any Tract or interest to this Agreement, unless objection to such joinder by the A.O., is duly made sixty (60) days after such filing.

Section 33. COUNTERPARTS. This Agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties and may be ratified or consented to by separate instrument in writing, specifically referring hereto, and shall be binding upon all those parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document, and regardless of whether or not it is executed by all other parties owning or claiming an interest in the land within the described Unit Area. Furthermore, this Agreement shall extend to and be binding on the parties hereto, their successors, heirs and assigns.

Section 34. JOINER IN DUAL CAPACITY. Execution as herein provided by any party as either a Working Interest Owner or a Royalty Owner shall commit all interests owned or controlled by such party; provided, that if the party is the owner of a Working Interest, he must also execute the Unit Operating Agreement.

Section 35. TAXES. Each party hereto shall, for its own account, render and pay its share of any taxes levied against or measured by the amount or value of the Unitized Substances produced from the unitized land; provided, however, that if it is required or if it be determined that the Unit Operator or the several Working Interest Owners must pay or advance said taxes for the account of the parties hereto, it is hereby expressly agreed that the parties so paying or advancing said taxes shall be reimbursed therefor by the parties hereto, including Royalty Owners, who may be responsible for the taxes on their respective allocated share of said Unitized Substances. No taxes shall be charged to the United States or to the State of New Mexico, nor to any lessor who has a contract with a lessee which requires his lessee to pay such taxes.

Section 36. NO PARTNERSHIP. The duties, obligations and liabilities of the parties hereto are intended to be several and not joint or collective. This Agreement is not intended to create, and shall not be construed to create, an association or trust, or to impose a partnership duty, obligation or liability with regard to any one or more of the parties hereto. Each party hereto shall be individually responsible for its own obligations as herein provided.

Section 37. PRODUCTION AS OF THE EFFECTIVE DATE. Unit Operator shall make a proper and timely gauge of all leases and other tanks within the Unit Area in order to ascertain the amount of merchantable oil above the pipeline connection, in such tanks as of 7:00 a.m. on the Effective Date hereof. All such oil which has then been produced in accordance with established allowables shall be and remain the property of the Working Interest Owner entitled thereto, the same as if the unit had not been formed; and the responsible Working Interest Owner shall promptly remove said oil from the unitized land. Any such oil not so removed shall be sold by Unit Operator for the account of such Working Interest Owners, subject to the payment of all Royalty to Royalty Owners under the terms hereof. The oil that is in excess of the prior allowable of the wells from which it was produced shall be regarded as Unitized Substances produced after Effective Date hereof.

If, as of the Effective Date hereof, any Tract is overproduced with respect to the allowable of the wells on that Tract and the amount of over-production has been sold or otherwise disposed of, such over-production shall be regarded as a part of the Unitized Substances produced after the Effective Date hereof and shall be charged to such Tract as having been delivered to the parties entitled to Unitized Substances allocated to such Tract.

Section 38. NO SHARING OF MARKET. This Agreement is not intended to provide and shall not be construed to provide, directly or indirectly, for any cooperative refining, joint sale or marketing of Unitized Substances.

Section 39. STATUTORY UNITIZATION. If and when Working Interest Owners owning at least a seventy-five percent (75%) Unit Participation and Royalty Owners owning at least seventy-five percent (75%) of the Royalty Interest have become parties to this Agreement or have approved this Agreement in writing and such Working Interest Owners have also become parties to the Unit Operating Agreement, Unit Operator may make application to the Division for statutory unitization of the uncommitted interests pursuant to the Statutory Unitization Act (Chapter 65, Article 14, N.M.S., 1953 Annotated). If such application is made and statutory unitization is approved by the Division, then effective as of the date of the Division's order approving statutory unitization, this Agreement and/or the Unit Operating Agreement shall automatically be revised and/or amended in accordance with the following:

(1) Section 14 of this Agreement shall be revised by substituting for the entire said section the following:

"Section 14. TRACTS QUALIFIED FOR PARTICIPATION. On and after the Effective Date hereof, all Tracts within the Unit Area shall be entitled to participation in the production of Unitized Substances."

(2) Section 24 of this Agreement shall be revised by substituting for the first three paragraphs of said section the following:

Section 24. EFFECTIVE DATE AND TERM. This Agreement shall become effective on the first day of the calendar month next following the effective date of the Division's order approving statutory unitization upon the terms and conditions of this Agreement, as amended (if any amendment is necessary) to conform to the Division's order; approval of this Agreement, as so amended, by the A.O. and the filing by Unit Operator of this Agreement or notice thereof for record in the office of the County Clerk of Eddy County, New Mexico. Unit Operator shall not file this Agreement or notice thereof for record, and hence this Agreement shall not become effective, unless within ninety (90) days after the date all other prerequisites for effectiveness of this Agreement have been satisfied, such filing is approved by Working Interest Owners owning a combined Unit Participation of at least sixty-five percent (65%) as to all Tracts within the Unit Area."

"Unit Operator shall, within thirty (30) days after the Effective Date of this Agreement, file for record in the office of the County Clerk of Eddy County, New Mexico, a certificate to the effect that this Agreement has become effective in accordance with its terms, therein identifying the Division's order approving statutory unitization and stating the Effective Date."

(3) This Agreement and/or the Unit Operating Agreement shall be amended in any and all respects necessary to conform to the Division's order approving statutory unitization.

Any and all amendments of this Agreement and/or the Unit Operating Agreement that are necessary to conform said agreements to the Division's order approving statutory unitization shall be deemed to be hereby approved in writing by the parties hereto without any necessity for further approval by said parties, except as follows:

(a) If any amendment of this Agreement has the effect of reducing any Royalty Owner's participation in the production of Unitized Substances, such Royalty Owner shall not be deemed to have hereby approved the amended agreement without the necessity of further approval in writing by said Royalty Owner; and

(b) If any amendment of this Agreement and/or the Unit Operating Agreement has the effect of reducing any Working Interest Owner's participation in the production of Unitized Substances or increasing such Working Interest Owner's share of Unit Expense, such Working Interest Owner shall not be deemed to have hereby approved the amended agreements without the necessity of further approval in writing by said Working Interest Owner.

Executed as of the date shown for each of the parties hereto.

STATE OF NEW MEXICO)
 : ss.
COUNTY OF EDDY)

The foregoing instrument was acknowledged before me
this 1st day of July, 1993 by John R. Gray,
Trustee of the John R. Gray Trust.

Misti McLurg
Notary Public

My Commission Expires:
March 19, 1995

STATE OF NEW MEXICO)
 : ss.
COUNTY OF EDDY)

The foregoing instrument was acknowledged before me
this 1st day of July, 1993 by Raye Miller.

Misti McLurg
Notary Public

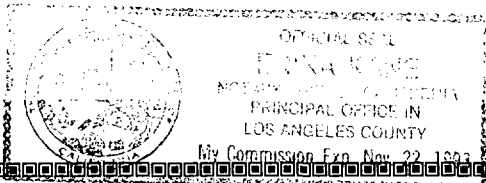
My Commission Expires:
March 19, 1995

STATE OF)
 : ss.
COUNTY OF)

The foregoing instrument was acknowledged before me
this _____ day of _____ July, 1993 by J. T. Thompson.

Notary Public

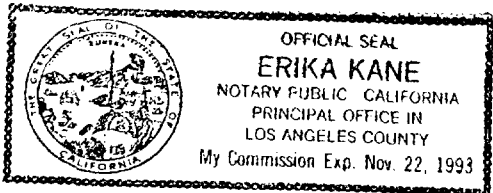
My Commission Expires:



ALL-PURPOSE ACKNOWLEDGMENT

State of CALIFORNIA
County of LOS ANGELES
On 07-02-93 before me, ERIKA KANE, NOTARY PUBLIC
DATE NAME, TITLE OF OFFICER - E.G. "JANE DOE, NOTARY PUBLIC"
personally appeared J. T. THOMPSON
NAME(S) OF SIGNER(S)

personally known to me • OR • proved to me on the basis of satisfactory evidence
to be the person(s) whose name(s) is/are
subscribed to the within instrument and
acknowledged to me that he/she/they
executed the same in his/her/their authorized
capacity(ies), and that by his/her/their
signature(s) on the instrument the person(s),
or the entity upon behalf of which the
person(s) acted, executed the instrument.



Witness my hand and official seal.

Erika Kane
SIGNATURE OF NOTARY

OPTIONAL SECTION

CAPACITY CLAIMED BY SIGNER

Though statute does not require Notary to fill in
the data below, doing so may prove invaluable
to persons relying on the document.

- INDIVIDUAL
- CORPORATE OFFICER(S)
- TITLE(S) _____
- PARTNER(S) LIMITED GENERAL
- ATTORNEY-IN-FACT
- TRUSTEE(S)
- GUARDIAN/CONSERVATOR
- OTHER: _____

SIGNER IS REPRESENTING:

NAME OF PERSON(S) OR ENTITY(IES)

OPTIONAL SECTION

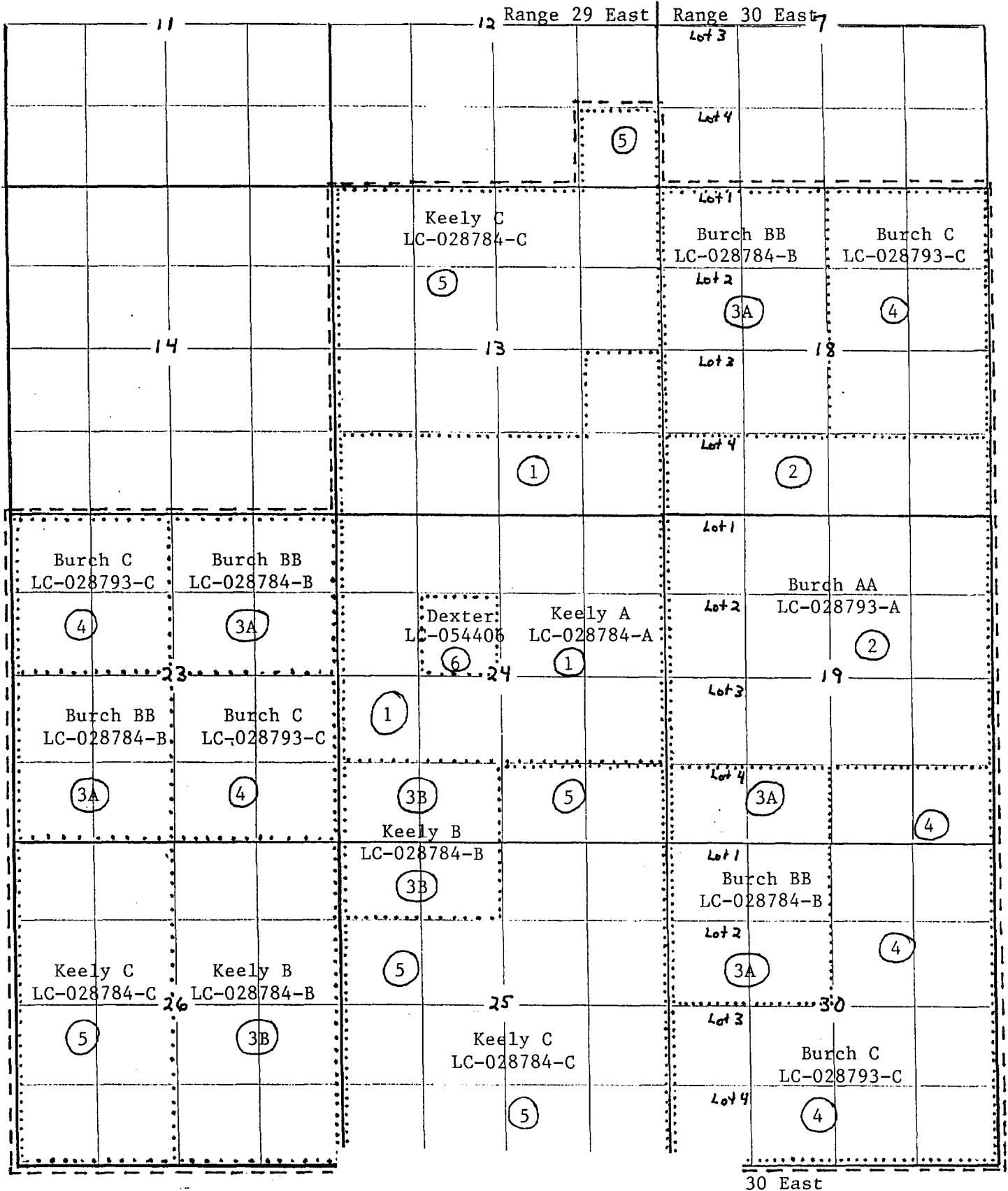
THIS CERTIFICATE MUST BE ATTACHED TO
THE DOCUMENT DESCRIBED AT RIGHT:

Title or Type of Document _____
Number of Pages _____ Date of Document _____
Signer(s) Other than Named Above _____

Though the data requested here is not required by law,
it could prevent fraudulent reattachment of this form.

EXHIBIT A

TOWNSHIP 17 South RANGE 29,30 East COUNTY Eddy STATE New Mexico



Legend

- Unit Boundary
- Tract Boundary
- 2- Section Number
- ⑨ Tract Number

EXHIBIT "B"
SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION OF THE
BURCH/KEELY UNIT AREA
EDDY COUNTY, NEW MEXICO

MARCH 13, 1993

| TRACT NO. AND TRACT NAME | DESCRIPTION OF LAND | ACRES | SERIAL NO. AND EFFECTIVE DATE | BASIC ROYALTY OWNER AND PERCENTAGE | LESSEE OF RECORD | OVERRIDING ROYALTY OWNER AND PERCENTAGE | WORKING INTEREST OWNER AND PERCENTAGE | PARTICIPATION OF TRACT IN UNIT |
|--------------------------|--|--------|-------------------------------|------------------------------------|--------------------------------|--|---|--------------------------------|
| 1 Keely A | T17S-R29E, N.M.P.M. Sec. 13: NE/4 SE/4, S/2 S/2 Sec. 24: N/2 NW/4, SW/4 NW/4, NE/4, N/2 S/2 | 640.00 | LC-028784-A (HBP) | U.S.A. (5%) | Phillips Oil Company (100.00%) | <ul style="list-style-type: none"> Wilbur John Acree - .000736500 ORRI Chester J. Acree and Jean Acree, Trustees of the Acree Family Trust u/r/a dated 9-30-88 - .000736500 ORRI Mrs. Buena Barker - .005000000 ORRI Hugh Ross Burch - .000224000 ORRI June Burch - .000781000 ORRI Childress Royalty Co. - .001171900 ORRI Robt. Christian Dexter - .000263700 ORRI Robt. F. Dexter - .001171900 ORRI Robt. E. Downer - .000267900 ORRI Barbara K. Frankenfield - .000039100 ORRI Higgins Trust Inc. - .016875000 ORRI Dorothy G. Kemper - .001041700 ORRI A.D. Kennedy & Ruby Kennedy - .003125000 ORRI Rolla L. Long, Jr. - .007500000 ORRI Marshall & Winston, Inc. - .015000000 ORRI Jack W. McCaw - .001041600 ORRI Carol L. McCutcheon - .000235000 ORRI Leo Vernon Mock & Lucile Mock, Trustees of the Mock Family Trust, u/r/a dated 5-20-91 - .000669700 ORRI Carol Jean D. Purcell - .000263700 ORRI Mrs. C.A. Russell - .002500000 ORRI Sabine Royalty Trust, NationsBank of Texas, N.A., Escrow Agent - .005000000 ORRI Albert Smith & Dorothy Smith - .000050200 ORRI Mary Ann Stokes - .000050300 ORRI Sandra Leigh Terry - .000039100 ORRI Susan Lynn Terry - .000039100 ORRI Dolores J. Thomas - .001113300 ORRI Margaret Louise Treat - .000200900 ORRI | <ul style="list-style-type: none"> Marbob Energy Corp 23.75% Pitch Energy Corp 23.75% J.R. Gray Trust 47.5% Raye Miller 2.5% J. T. Thompson 2.5% | 9.7227% |

2 Burch AA

TITS-R30E, N.M.P.M.
Sec 18: Lot 4,
SE/4 SW/4, S/2 SE/4
Sec 19: Lots 1,2,3, NE/4,
E/2 NW/4, NE/4 SW/4,
N/2 SE/4

629,700

LC-028793-A
(HBP)

U.S.A.
(5%)

Phillips Petro. Corp.
(100.00%)

| | | | |
|--|--------------|------|--------|
| First City Texas Houston, N.A. Trustees | | | |
| U/W Marguerite Smith Walker | | | |
| Trust 10038500 | - .002500000 | ORRI | |
| Charlene M. Ward, Testamentary Trustee | | | |
| under the Will of E.H.Ward, deceased for | | | |
| the benefit of | | | |
| Jennie Ward Vuksich | - .001041700 | ORRI | |
| Charlene M. Ward, Testamentary Trustee | | | |
| under the Will of E.H.Ward, deceased for | | | |
| the benefit of | | | |
| Stephen Sterling Ward | - .001041700 | ORRI | |
| Charlene M. Ward, Testamentary Trustee | | | |
| under the Will of E.H.Ward, deceased for | | | |
| the benefit of | | | |
| Sara Ward Sims | - .001041600 | ORRI | |
| Kurt A. Weber | - .000050200 | ORRI | |
| Virginia Weber | - .000050200 | ORRI | |
| Betty B. White | - .001041700 | ORRI | |
| James T. Wyman and Frederick Winston, | | | |
| Trustees under the Will of Francisca S. | | | |
| Winston | - .003750000 | ORRI | |
| Raye Miller | - .005000000 | ORRI | |
| David G. Martin | - .002500000 | ORRI | |
| Aline Bjer | - .000006900 | ORRI | 23.75% |
| Sidney Mourning | - .000055600 | ORRI | 23.75% |
| Mack Purcell | - .000166600 | ORRI | 47.5 % |
| Gary R. Purcell | - .000027800 | ORRI | 2.5 % |
| Thomas G. Purcell | - .000027800 | ORRI | 2.5 % |
| Helen Reed | - .000166600 | ORRI | |
| Hazel Turner | - .000027800 | ORRI | |
| Frank W. Addis | - .000430600 | ORRI | |
| Frank A. Addis | - .000027800 | ORRI | |
| Roy C. Andrews | - .000027800 | ORRI | |
| NationsBank of Texas, N.A., Independent | | | |
| Executor and Trustee U/W | | | |
| of Selma E. | | | |
| Trust #5188 | - .002685300 | ORRI | |
| Peggy F. Ashenbrenner | - .000006900 | ORRI | |
| Betty Jean Banks | - .000013900 | ORRI | |
| Braille Institute of America, | | | |
| Agency #631-00 | - .002314700 | ORRI | |
| Leona L. Bryant | - .002500000 | ORRI | |
| Maxine Cole | - .000006900 | ORRI | |
| Robin W. Crouse, Jr. | - .002500000 | ORRI | |
| Ronald K. DeFord | - .005000000 | ORRI | |
| Mr. Edward Dreesen, Jr. | - .000300000 | ORRI | |

12.6826%

3A Burch BB T17S-R29E, N.M.P.M. 784.52 LC-028784-B U.S.A. Phillips Oil Company
 Sec 23: NE/4, SW/4 (HBP) (12.5-32%) (100%)

Ingrid Dreesen Powell, Trustee for the
 Betty Kyte Dreesen Irrevocable Trust of 12/23/58 - .001900000 ORRI
 Valley Sue Freeman - .001250000 ORRI
 Higgins Trust Inc. - .005000000 ORRI
 David B. Kyte - .002500000 ORRI
 Clyde Le Force, Jr. - .000013900 ORRI
 Max Le Force - .000006900 ORRI
 Mrs. Walter Le Force - .000013900 ORRI
 James R. LeForce - .000006900 ORRI
 Rolla L. Long, Jr. - .002500000 ORRI
 Judy Addis Mack - .000430600 ORRI
 Marshall & Winston, Inc. - .005000000 ORRI
 Wayne McCann - .005000000 ORRI
 Richard Lee Mourning - .000013900 ORRI
 Robt. Alan Mourning - .000013900 ORRI
 Roger William Mourning - .000013900 ORRI
 Ronald Euguen Mourning - .000006900 ORRI
 Betty Jane Pettigrew - .000006900 ORRI
 Mrs. Ingrid Powell - .000300000 ORRI
 Robert R. Purcell - .000055600 ORRI
 Frank H. Purcell Trust - .000055600 ORRI
 Alice Rankin - .000027800 ORRI
 B. F. Rose, III - .001250000 ORRI
 First City Texas Houston, N.A. Trustee
 U/W Marguerite Smith - .002500000 ORRI
 Walker Trust 10038500 - .010000000 ORRI
 W. G. Welter - .010000000 ORRI
 United New Mexico Trust Company, Trustee
 for George H. & Lois M. Williams - .005000000 ORRI
 Donald R. Wilson - .000833300 ORRI
 James T. Wyman and Frederick Winston, Trustees under the Will of Francisca S. Winston - .015000000 ORRI
 Raye Miller - .005000000 ORRI
 David G. Martin - .002500000 ORRI
 Raye Miller - .005000000 ORRI
 David G. Martin - .002500000 ORRI

Marbob Energy Corp 23.75%
 Pitch Energy Corp 23.75%
 J.R. Gray Trust 47.5%
 Raye P. Miller 2.5%
 J. T. Thompson 2.5%

| | | | | | | | | | | | |
|----|---------|--|-----------|--|-----------------------------------|--|--|--|--|---|----------|
| 3B | Keely B | <u>T17S-R30E, N.M.P.M.</u> Sec. 18: Lots 1,2 and 3, E/2 NW/4, NE/4 SW/4 Sec. 19: Lot 4, SE/4 SW/4 Sec. 30: Lots 1 & 2, E/2 NW/4 | 480.00 | LC-028784-B (Formerly LC-028793(b) (HBP) | U.S.A. (12.5-32%) | Phillips Oil Company (100%) | Raye Miller David G. Martin | -.00500000 ORRI -.00250000 ORRI | Marbob Energy Corp Pitch Energy Corp J.R. Gray Trust Raye P. Miller J. T. Thompson | 23.75% 23.75% 47.5% 2.5% 2.5% | 14.4570% |
| 4 | Burch C | <u>T17S-R29E, N.M.P.M.</u> Sec. 23: NW/4, SE/4 <u>T17S-R30E, N.M.P.M.</u> Sec. 18: NE/4, N/2 SE/4 Sec. 19: S/2 SE/4 Sec. 30: Lots 3,4, E/2 SW/4, E/2 | 1,115.220 | LC-028793-C (HBP) | U.S.A. (sliding Schedule D) | Phillips Pet. Corp. (100%) | Wilbur John Acree Chester J. Acree and Jean C. Acree, Trustees of the Acree Family Trust u/t/a 9-30-88 Wilma Connor Robert C. Dexter Robert F. Dexter Robert E. Downer Leo Vernon Mock & Lucile Mock, Trustees of the Mock Family Trust u/t/a dated 5/20/91 Carol Jean D. Purcell Albert Smith & Dorothy Smith Dorothy Smith Mary Ann Stokes Dolores J. Thomas Margaret Louise Treat Kurt A. Weber Virginia Weber Raye Miller David G. Martin | -.003273900 ORRI -.003273800 ORRI -.012500000 ORRI -.001171900 ORRI -.005208300 ORRI -.001190500 ORRI -.002976200 ORRI -.001171900 ORRI -.000223200 ORRI -.012500000 ORRI -.000223200 ORRI -.004947900 ORRI -.000892800 ORRI -.000223200 ORRI -.000223200 ORRI -.005000000 ORRI -.025000000 ORRI | Marbob Energy Corp Pitch Energy Corp J.R. Gray Trust Raye P. Miller J. T. Thompson | 23.75% 23.75% 47.5% 2.5% 2.5% | 20.3547% |
| 5 | Keely C | <u>T17S-R29E, N.M.P.M.</u> Sec. 12: SE/4 SE/4 Sec. 13: N/2, N/2 SW/4, NW/4 SE/4 | 1,440.00 | LC-028784-C (HBP) | U.S.A. (Sliding Schedule D) | General American Oil Company (now Phillips Petro. Corporation) (100%) | Wilbur John Acree Chester J. Acree and Jean C. Acree, Trustees of the Acree Family Trust u/t/a dated 9-30-88 | -.003273700 ORRI -.003273700 ORRI | Marbob Energy Corp Pitch Energy Corp J.R. Gray Trust Raye P. Miller | 23.75% 23.75% 47.5% 2.5% | 25.9897% |

Sec. 24: S/2 SE/4
 Sec. 25: E/2, S/2 NW/4,
 SW/4
 Sec. 26: W/2

6 Dexter TT7S-R29E, N.M.P.M. 40.00 LC-054406 U.S.A. General American Oil
 Sec. 24: SE/4 NW/4 (HBP) (12.5-32%) Company (now Phillips
 Petroleum Corporation
 (100%)
 Raye Miller
 David G. Martin
 Raye Miller
 David G. Martin
 .005000000 ORRI Martob Energy Corp 23.75%
 .025000000 ORRI Pitch Energy Corp 23.75%
 J.R. Gray Trust 47.5 %
 Raye P. Miller 2.5 %
 J. T. Thompson 2.5 %

Wilma Connor - .012500000 ORRI J.T. Thompson 2.5 %
 Robt. Christian Dexter - .001171900 ORRI
 Robt. F. Dexter - .005208300 ORRI
 Robt. E. Downer - .001190600 ORRI
 Leo Vernon Mock & Lucile Mock, Trustees
 of the Mock Family Trust, n/t/a dated
 5-20-81 - .002976200 ORRI
 Carol Jean D. Purcell - .001171900 ORRI
 Albert Smith &
 Dorothy Smith - .000223200 ORRI
 Dorothy Smith - .012500000 ORRI
 Mary Ann Stokes - .000223200 ORRI
 Dolores J. Thomas - .004948100 ORRI
 Margaret Louise Treat - .000892800 ORRI
 Kurt A. Weber - .000223200 ORRI
 Virginia Weber - .000223200 ORRI
 Raye Miller - .005000000 ORRI
 David G. Martin - .002500000 ORRI

SUMMARY OF ACREAGE:

| | <u>ACRES</u> | <u>% OF UNIT</u> |
|---------|-----------------|------------------|
| Federal | 5,129.44 | 100% |
| State | -0- | -0- |
| Fee | -0- | -0- |
| | <u>5,129.44</u> | <u>100%</u> |

EXHIBIT "C"

TRACT PARTICIPATION FACTORS
BURCH-KEELY UNIT, GRAYBURG JACKSON FIELD
EDDY COUNTY, NEW MEXICO

| TRACT | LEASE | A CUMULATIVE OIL PRODUCTION AT 12/31/92 | | C CONTINUED OPERATIONS FUTURE RESERVES | | E 1992 (12 MONTHS) PRODUCTION | | G UNIT OPERATIONS FUTURE RESERVES | | TRACT PARTICIPATION |
|-------|------------------|---|-----------------|--|-----------------|--|-----------------|---|-----------------|------------------------|
| | | STB* | TRACT FACTOR | STB | TRACT FACTOR | STB | TRACT FACTOR | STB | TRACT FACTOR | |
| 2 | Burch AA Federal | 3,001,929 | 0.160037 | 85,763 | 0.057668 | 8,852 | 0.049707 | 773,999 | 0.133544 | |
| 3A | Burch BB Federal | 3,104,923 | 0.165527 | 218,047 | 0.146618 | 27,311 | 0.153361 | 910,814 | 0.157150 | |
| 4 | Burch C Federal | 2,512,394 | 0.133939 | 503,813 | 0.338770 | 62,370 | 0.350230 | 1,169,648 | 0.201808 | |
| 6 | Dexter Federal | 155,580 | 0.008294 | 8,865 | 0.005961 | 1,135 | 0.006373 | 62,492 | 0.010782 | |
| 1 | Keely A Federal | 2,104,061 | 0.112170 | 104,660 | 0.070375 | 13,336 | 0.074887 | 532,850 | 0.091937 | |
| 3B | Keely B Federal | 2,540,262 | 0.135425 | 252,169 | 0.169562 | 29,783 | 0.167242 | 805,800 | 0.139031 | |
| 5 | Keely C Federal | 5,338,616 | 0.284608 | 313,863 | 0.211046 | 35,296 | 0.198200 | 1,540,235 | 0.265748 | |
| | | 18,757,765 | 1.000000 | 1,487,180 | 1.000000 | 178,083 | 1.000000 | 5,795,838 | 1.000000 | |
| | | | | B | | D | | F | | H |
| 2 | Burch AA Federal | | 0.080018 | | 0.007209 | | 0.006213 | | 0.033386 | 0.126876 |
| 3A | Burch BB Federal | | 0.082764 | | 0.018327 | | 0.019170 | | 0.039288 | 0.159549 |
| 4 | Burch C Federal | | 0.066970 | | 0.042346 | | 0.043779 | | 0.050452 | 0.203547 |
| 6 | Dexter Federal | | 0.004147 | | 0.000745 | | 0.000797 | | 0.002695 | 0.008384 |
| 1 | Keely A Federal | | 0.056085 | | 0.008797 | | 0.009361 | | 0.022984 | 0.097227 |
| 3B | Keely B Federal | | 0.067712 | | 0.021195 | | 0.020905 | | 0.034758 | 0.144570 |
| 5 | Keely C Federal | | 0.142304 | | 0.026381 | | 0.024775 | | 0.066437 | 0.259897 |
| | | | 0.500000 | | 0.125000 | | 0.125000 | | 0.250000 | 1.000000 |

*Includes Grayburg Paddock production - now inactive.

TRACT

PARTICIPATION

UNIT OPERATING AGREEMENT
BURCH-KEELY UNIT
EDDY COUNTY, NEW MEXICO

THIS AGREEMENT, entered into as of the 1ST day of July, 1993 by and between the parties who have signed the original of this instrument, a counterpart thereof, or other instrument agreeing to become a party hereto.

W I T N E S S E T H:

WHEREAS, the parties hereto as Working Interest Owners have executed, as of the date hereof, an Agreement entitled "Unit Agreement, Burch-Keely Unit, Eddy County, New Mexico", herein referred to as "Unit Agreement", which, among other things, provides for a separate agreement to be entered into by Working Interest Owners to provide for Unit Operations as therein defined.

NOW, THEREFORE, in consideration of the mutual agreements herein set forth, it is agreed as follows:

ARTICLE 1

CONFIRMATION OF UNIT AGREEMENT

1.1 Confirmation of Unit Agreement. The Unit Agreement is hereby confirmed and by reference made a part of this Agreement. The definitions in the Unit Agreement are adopted for all purposes of this Agreement. If there is any conflict between the Unit Agreement and this Agreement, the Unit Agreement shall govern.

Article 2

EXHIBITS

2.1 Exhibits.

2.1.1 Exhibits A, B, and C, of the Unit Agreement are incorporated herein by reference.

2.1.2 Exhibit D, attached hereto, is the Accounting Procedure applicable to Unit Operations. If there is any conflict between this Agreement and Exhibit D, this Agreement shall govern.

2.1.3 Exhibit E, attached hereto, contains insurance provisions applicable to Unit Operations.

2.2 Revision of Exhibits. Whenever Exhibits A, B or C

revised, Exhibit D shall be revised accordingly and be effective as of the same date. Unit Operator shall also revise Exhibit D from time to time as required to conform to changes in ownership of which Unit Operator has been notified as provided in the Unit Agreement. When reference is made herein to an exhibit, it is to the exhibit as originally attached or, if revised, to the last revision.

ARTICLE 3

SUPERVISION OF OPERATIONS BY WORKING INTEREST OWNERS

3.1 Overall Supervision. Working Interest Owners shall exercise overall supervision and control of all matters pertaining to Unit Operations pursuant to this Agreement and the Unit Agreement. In the exercise of such authority, each Working Interest Owner shall act solely in its own behalf in the capacity of an individual owner and not on behalf of the owners as an entirety.

3.2 Specific Authorities and Duties. The matters with respect to which Working Interest Owners shall decide and take action shall include, but not be limited to, the following:

3.2.1 Method of Operation. The method of operation, including the type or types of pressure maintenance, secondary recovery, or other recovery program to be employed.

3.2.2 Drilling of Wells. The drilling of any well whether for production of Unitized Substances, for use as an injection well, or for other purposes.

3.2.3 Well Recompletions and Change of Status. The recompletion, abandonment, or permanent change of status of any well, or the use of any well for injection or other purposes.

3.2.4 Expenditures. The making of any single expenditure in excess of Fifty Thousand Dollars (\$50,000.00); however; approval by Working Interest Owners of the drilling, reworking, deepening, or plugging back of any well shall include approval of all necessary expenditures required therefor, and for completing, testing, and equipping the well, including necessary flow lines, separators, and lease tankage.

3.2.5 Disposition of Unit Equipment. The selling or otherwise disposing of any major item of surplus Unit Equipment, if the current price of new equipment similar thereto is Fifty Thousand Dollars (\$50,000.00) or more.

3.2.6 Appearance Before a Court or Regulatory Agency. The designating of a representative to appear before

any court or regulatory agency in matters pertaining to Unit Operations; however, such designation shall not prevent any Working Interest Owner from appearing in person or from designating another representative in its own behalf.

3.2.7 Inventories. The taking of periodic inventories under the terms of Exhibit D.

3.2.8 Technical Services. The authorizing of charges to the Joint Account for services by consultants or Unit Operator's technical personnel not covered by the overhead charges provided by Exhibit D.

3.1.9 Committees. The appointment of committee to study any problems in connection with Unit Operations.

3.1.10 Removal of Operator. The removal of Unit Operator and the selection of a successor.

3.1.11 Changes and Amendments. The changing of the Unit Area or the amending of this Agreement or the Unit Agreement as provided in Article 24 of the Unit Agreement.

3.1.12 Investment Adjustment. The adjustment and readjustment of investments.

3.1.13 Termination of Unit Agreement. The termination of the Unit Agreement.

ARTICLE 4

MANNER OF EXERCISING SUPERVISION

4.1 Designation of Representatives. Each Working Interest Owner shall inform Unit Operator in writing of the names and addresses of the representative and alternate who are authorized to represent and bind such Working Interest Owner with respect to Unit Operations. The representative or alternate may be changed from time to time by written notice to Unit Operator.

4.2 Meetings. All meetings of Working Interest Owners shall be called by Unit Operator upon its own motion or at the request of two (2) or more Working Interest Owners having a total Unit Participation then in effect of not less than Forty percent (40%). No meeting shall be called on less than fourteen (14) days' advance written notice, with agenda for the meeting attached. Working Interest Owners who attend the meeting may amend items included in the agenda and may act upon an amended

item or other items presented at the meeting. The representative of Unit Operator shall be chairman of each meeting.

4.3 Voting Procedure. Working Interest Owners shall decide all matters coming before them as follows:

4.3.1 Voting Interest. Each Working Interest Owner shall have a voting interest equal to its Unit Participation in effect at the time of the vote.

4.3.2 Vote Required. Unless otherwise provided herein or in the Unit Agreement, Working Interest Owners shall determine all matters by the affirmative vote of 2 or more Working Interest Owners having a combined voting interest of at least fifty percent (50%); however, should any one Working Interest Owner have more than thirty percent (30%) voting interest, its negative vote or failure to vote shall not defeat a motion, and such motion shall pass if approved by Working Interest Owners having a majority voting interest, unless three or more Working Interest Owners having a combined voting interest of at least fifty percent (50%) likewise vote against the motion or fail to vote.

4.3.3 Vote at Meeting by Nonattending Working Interest Owners. Any Working Interest Owner who is not represented at a meeting may vote on any agenda item by letter or telegram addressed to the representative of Unit Operator if its vote is received prior to the vote at the meeting, provided the agenda items are not amended.

4.3.4 Poll Votes. Working Interest Owners may vote on and decide, by letter or telegram, any matter submitted in writing to Working Interest Owners. If a meeting is requested, as provided in Section 4.2, within seven (7) days after a written proposal is sent to Working Interest Owners, the vote taken by letter or telegram shall become final. Unit Operator will give prompt notice of the results of such voting to all Working Interest Owners.

ARTICLE 5

INDIVIDUAL RIGHTS OF WORKING INTEREST OWNERS

5.1 Reservation of Rights. Working Interest Owners severally reserve to themselves all their rights, except as otherwise provided in this Agreement and the Unit Agreement.

5.2 Specific Rights. Each Working Interest Owner shall have among others, the following specific rights:

5.2.1 Access to Unit Area. Access to the Unit Area at all reasonable times to inspect Unit Operations, all wells, and the records and data pertaining thereto.

5.2.2 Reports. The right to receive from Unit Operator, upon written request, copies of all reports to any governmental agency, reports of crude oil runs and stocks, inventory reports, and all other information pertaining to Unit Operations. The cost of gathering and furnishing information not ordinarily furnished by Unit Operator to all Working Interest Owners shall be charged to the Working Interest Owners that requests the information.

5.2.3 Audits. The right to audit the accounts of Unit Operator pertaining to Unit Operations according to the provisions of Exhibit C.

ARTICLE 6

UNIT OPERATOR

6.1 Unit Operator. Marbob Energy Corporation is hereby designated as the initial Unit Operator.

6.2 Resignation or Removal. Unit Operator may resign at any time. Unit Operator may be removed at any time by the affirmative vote of Working Interest Owners having sixty percent (60%) or more of the voting interest remaining after excluding the voting interest of Unit Operator. Such resignation or removal shall not become effective for a period of three (3) months after the resignation or removal, unless a successor Unit Operator has taken over Unit Operations prior to the expiration of such period.

6.3 Selection of Successor. Upon the resignation or removal of Unit Operator, a successor Unit Operator shall be selected by Working Interest Owners. If the removed Unit Operator fails to vote or votes only to succeed itself, the successor Unit Operator shall be selected by the affirmative vote of Working Interest Owners having seventy percent (70%) or more of the voting interest remaining after excluding the voting interest of the removed Unit Operator.

ARTICLE 7

AUTHORITIES AND DUTIES OF UNIT OPERATOR

7.1 Exclusive Right to Operate Unit. Subject to the provisions of this Agreement and to instructions from Working Interest Owners, Unit Operator shall have the exclusive right and be obligated to conduct Unit Operations.

7.2 Workmanlike Conduct. Unit Operator shall conduct Unit Operations in a good and workmanlike manner as would a prudent operator under the same or similar circumstances. Unit Operator shall freely consult with Working Interest Owners and keep them informed of all matters which Unit Operator, in the exercise of its best judgment, considers important. Unit Operator shall not be liable to Working Interest Owners for damages, unless such damages result from its gross negligence or willful misconduct.

7.3 Liens and Encumbrances. Unit Operator shall endeavor to keep the lands and lease in the Unit Area and Unit Equipment free from all liens and encumbrances occasioned by Unit Operators, except the lien and security interest of Unit Operator and Working Interest Owners granted hereunder.

7.4 Employees. The number of employees used by Unit Operator in conducting Unit Operations, their selection, hours of labor, and compensation shall be determined by Unit Operator. Such employees shall be the employees of Unit Operator.

7.5 Records. Unit Operator shall keep correct books, accounts, and records of Unit Operations.

7.6 Reports to Working Interest Owners. Unit Operator shall furnish Working Interest Owners periodic reports of Unit Operations.

7.7 Reports to Governmental Authorities. Unit Operator shall make all reports to governmental authorities that it has the duty to make as Unit Operator.

7.8 Engineering and Geological Information. Unit Operator shall furnish to a Working Interest Owner, upon written request, a copy of all logs and other engineering and geological data pertaining to wells drilled for Unit Operations.

7.9 Expenditures. Unit Operator is authorized to make single expenditures not in excess of Fifty Thousand Dollars (\$50,000.00) without prior approval of Working Interest Owners. If an emergency occurs, Unit Operator may immediately make or incur such expenditures as in its opinion are required to deal with the emergency. Unit Operator shall report to Working Interest Owners, as promptly as possible, the nature of the emergency and the action taken.

7.10 Wells Drilled by Unit Operator. All wells drilled by Unit Operator shall be at the usual rates prevailing in the area.

ARTICLE 8

TAXES

8.1 Ad Valorem Taxes. Beginning with the first calendar year after the Effective Date hereof, Unit Operator shall make and file all necessary ad valorem tax renditions and returns with the proper taxing authorities with respect to all property of each Working Interest Owner used or held by Unit Operator for Unit Operations. Unit Operator shall settle assessments arising therefrom. All such ad valorem taxes shall be paid by Unit Operator and charged to the joint account; however, if the interest of a Working Interest Owner is subject to a separately assessed overriding royalty interests production payment, or other interest in excess of a one-eighth (1/8) royalty, such Working Interest Owner shall notify Unit Operator of such interest prior to the rendition date and shall be given credit for the reduction in taxes paid resulting therefrom.

8.2 Other Taxes. Each Working Interest Owner 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 its share of Unitized Substances.

ARTICLE 9

INSURANCE

9.1 Insurance. Unit Operator, with respect to Unit Operations, shall:

- (a) comply with the Workmen's Compensation Laws of the state,
- (b) carry Employer's Liability and other insurance required by the laws of the state, and
- (c) provide other insurance as set forth in Exhibit E.

ARTICLE 10

ADJUSTMENT OF INVESTMENTS

10.1 Personal Property Taken Over. Upon Effective Date, Working Interest Owners shall deliver to Unit Operator the following:

- 10.1.1 Wells. All wells completed in the Unitized

Formation.

10.1.2 Well and Lease Equipment. The casing and tubing in each well, the wellhead connections thereon, and all other lease and operating equipment that is used in the operation of such wells which Working Interest Owners determine is necessary or desirable for conducting Unit Operations.

10.1.3 Records. A copy of all production and well records for such wells.

10.2 Inventory and Evaluation of Personal Property. Working Interest Owners shall at Unit Expense inventory and evaluate, as determined by Working Interest Owners, the personal property taken over. Such inventory shall include and be limited to those items of equipment considered controllable under Exhibit D except, upon determination of Working Interest Owners, items considered noncontrollable may be included in the inventory in order to insure a more equitable adjustment of investment. Casing shall be included in the inventory for record purposes, but shall be excluded from evaluation and investment adjustment.

10.3 Investment Adjustment. Upon approval by Working Interest Owners of the inventory and evaluation, investments shall be adjusted as follows:

10.3.1 Initial Adjustment of Investments. Each Working Interest Owner shall be credited with the value, as determined in accordance with Section 10.2 above, of its interest in all personal property taken over by Unit Operator under Section 10.1.2 and charged with an amount equal to that obtained by multiplying the total value of all such personal property taken over by Unit Operator under Section 10.1.2 by such Working Interest Owner's Unit Participation, as shown in Exhibit B. If the charge against any Working Interest Owner is greater than the amount credited such Working Interest Owner, the resulting net charge shall be paid and in all other respects be treated as any other item of Unit Expense chargeable against such Working Interest Owner. If the credit to any Working Interest Owner is greater than the amount charged against such Working Interest Owner by Unit Operator out of funds received by it in settlement of the net charges described above.

10.4 General Facilities. The acquisition of warehouse, warehouse stocks, lease houses, camps, facility systems, and office buildings necessary for Unit Operations shall be by negotiation by the owners thereof and Unit Operator, subject to the approval of Working Interest Owners.

10.5 Ownership of Personal Property and Facilities. Each Working Interest Owner, individually, shall by virtue hereof own an undivided interest, equal to its Unit Participation, in all

personal property and facilities taken over or otherwise acquired by Unit Operator pursuant to this Agreement.

ARTICLE 11

UNIT EXPENSE

11.1 Basis of Charge to Working Interest Owners. Unit Operator initially shall pay all Unit Expense. Each Working Interest Owner shall reimburse Unit Operator for its share of unit operating expense in proportion to the respective Unit Participations of the parties hereto in effect at the time such expense was incurred.

11.2 Budgets. Before or as soon as practical after the Effective Date, Unit Operator shall prepare a budget of estimated Unit Expense for the remainder of the calendar year, and, on or before the first day of each September thereafter, shall prepare a budget for the ensuing calendar year. A budget shall set forth the estimated Unit Expense by quarterly periods. Budgets shall be estimates only, and shall be adjusted or corrected by Working Interest Owners and Unit Operator whenever an adjustment or correction is proper. A copy of each budget and adjusted budget shall be furnished promptly to each Working Interest Owner.

11.3 Advance Billings. Unit Operator shall have the right, without prejudice to other rights or remedies, to require Working Interest Owners to advance their respective shares of estimated Unit Expense by submitting to Working Interest Owners, on or before the 15th day of any month, an itemized estimate thereof for the succeeding month, with a request for payment in advance. Within fifteen (15) days after receipt of the estimate, each Working Interest Owner shall pay to Unit Operator its share of such estimate. Adjustments between estimated and actual Unit Expense shall be made by Unit Operator at the close of each calendar month, and the accounts of Working Interest Owners shall be adjusted accordingly.

11.4 Commingling of Funds. Funds received by Unit Operator under this Agreement need not be segregated or maintained by it as a separate fund, but may be commingled with its own funds.

11.5 Lien and Security Interest of Unit Operator and Working Interest Owners. Each Working Interest Owner grants to Unit Operator a lien upon its Oil and Gas Rights in each Tract, and a security interest in its share of Unitized Substances when extracted and its interest in all Unit Equipment, to secure payment of its share of Unit Expense, together with interest thereon at the rate of ten percent (10%) per annum. To the extent that Unit Operator has a security interest under the Uniform Commercial Code of the State, Unit 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 Unit 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 Working Interest Owner in the payment of its share of Unit Expense, Unit Operator shall have the right, without prejudice to other rights or remedies, to collect from the purchaser, the proceeds of such Working Interest Owner's share of Unitized Substances until the amount owed by such Working Interest Owner, plus interest, has been paid. Each purchaser shall be entitled to rely upon Unit Operator's written statement concerning the amount of any default. Unit Operator grants a like lien and security interest to the Working Interest Owners.

11.6 Unpaid Unit Expense. If any Working Interest Owner fails to pay its share of Unit Expense within sixty (60) days after rendition of a statement therefor by Unit Operator, each Working Interest Owner agrees, upon request by Unit Operator, to pay its proportionate part of the unpaid share of Unit Expense of the defaulting Working Interest Owners. Working Interest Owners that pay the share of Unit Expense of a defaulting Working Interest Owner shall be reimbursed by Unit Operator for the amount so paid, plus any interest collected thereon, upon receipt by Unit Operator of any past due amount collected from the defaulting Working Interest Owner. Any Working Interest Owner so paying a defaulting Working Interest Owner's share of Unit Expense shall, to obtain reimbursement thereof, be subrogated to the lien and other rights herein granted Unit Operator.

11.7 Uncommitted Royalty. Should an owner of a Royalty Interest in any Tract fail to become a party to the Unit Agreement, and, as a result thereof, the actual Royalty Interest payments with respect to such tract are more or less than the Royalty Interest payments computed on the basis of the Unitized Substances that are allocated to such Tract under the Unit Agreement, the difference shall be borne by or inure to the benefit of Working Interest Owners, in proportion to their respective Unit Participations at the time the Unitized Substances were produced; however, the difference to be borne by or inure to the benefit of Working Interest Owners shall not exceed an amount computed on the basis of one-eighth (1/8) of the difference between the Unitized Substances allocated to the Tract and the Unitized Substances produced from the Tract. Such adjustment shall be made by charges and credits to the joint account.

11.8 Rentals. The Working Interest Owners in each Tract shall pay all rentals, minimum royalty, advance rentals or delay rentals due under the lease thereon and shall concurrently submit to the Unit Operator evidence of payment.

11.9 Carved-out Interest. If any Working Interest Owner shall, after executing this agreement, create an overriding royalty, production payment, net proceeds interest, carried interest or any other interest out of its Working Interest, such carved-out interest shall be subject to the terms and provisions of this agreement, specifically including, but without limitation, Section 11.5 hereof entitled "Lien and Security Interest of Unit Operators and Working Interest Owners." If the Working Interest Owner creating such carved-out interest (a) fails to pay any Unit Expense chargeable to such Working Interest Owner under this agreement, and the production of Unitized Substances accruing to the credit of such Working Interest Owner is insufficient for that purpose, or (b) withdraws from this agreement under the terms and provisions of Article 17 hereof, the carved-out interest shall be chargeable with a pro rata portion of all Unit Expense incurred hereunder, the same as though such carved-out interest were a Working Interest, and Unit Operator shall have the right to enforce against such carved-out interest the lien and all other rights granted in Section 11.5 for the purpose of collecting the Unit Expense chargeable to the carved-out interest.

ARTICLE 12

NON-UNITIZED FORMATIONS

12.1 Right to Operate. Any Working Interest Owner that now has or hereafter acquires the right to drill for and produce oil, gas, or other minerals, from a formation underlying the Unit Area other than the Unitized Formation, shall have the right to do so notwithstanding this Agreement or the Unit Agreement. In exercising the right, however, the Working Interest Owner shall exercise care to prevent unreasonable interference with Unit Operations. No Working Interest Owner shall produce Unitized Substances through any well drilled or operated by it. If any Working Interest Owner drills any well into or through the Unitized Formation, the Unitized Formation shall be protected in a manner satisfactory to Working Interest Owners so that the production of Unitized Substances will not be affected adversely.

ARTICLE 13

TITLES

13.1 Warranty and Indemnity. Each Working Interest Owner represents and warrants that it is the owner of the respective working interests set forth opposite its name in Exhibit "B" of the Unit Agreement, and agrees to indemnify and hold harmless the

other Working Interest Owners from any loss due to failure, in whole or in part, of its title to any such interest, except failure of title arising out of Unit Operations; however, such indemnity and any liability for breach of warranty shall be limited to an amount equal to the net value that has been received from the sale or receipt of Unitized Substances attributed to the interest as to which title failed. Each failure of title will be deemed to be effective, insofar as this Agreement is concerned, as of 7:00 A.M. on the first day of the calendar month in which such failure is finally determined, and there shall be no retroactive adjustment of Unit Expense, or retroactive allocation of Unitized Substances or the proceeds therefrom as a result of title failure.

13.2 Failure Because of Unit Operations. The failure of title to any Working Interest in any Tract because of Unit Operations, including nonproduction from such Tract, shall not change the Unit Participation of the Working Interest Owner whose title failed in relation to the Unit Participation of the other Working Interest Owners at the time of the title failure.

ARTICLE 14

LIABILITY, CLAIMS, AND SUITS

14.1 Individual Liability. The duties, obligations, and liabilities of Working Interest Owners shall be several and not joint or collective; and nothing herein shall ever be construed as creating a partnership of any kind, joint venture, association, or trust among Working Interest Owners.

14.2 Settlements. Unit Operator may settle any single damage claim or suit involving Unit Operations if the expenditure does not exceed One Hundred Thousand Dollars (\$100,000.00) and if the payment is in complete settlement of such claim or suit. If the amount required for settlement exceeds the above amount, Working Interest Owners shall determine the further handling of the claim or suit, including delegation to the Unit Operator. All costs and expense of handling, settling, or otherwise discharging such claim or suit shall be an item of Unit Expense. If a claim is made against any Working Interest Owner or if any Working Interest Owner is sued on account of any matter arising from Unit Operations over which such Working Interest Owner individually has no control because of the rights given Working Interest Owners and Unit Operator by this Agreement and the Unit Agreement, the Working Interest Owner shall immediately notify Unit Operator, and the claim or suit shall be treated as any other claim or suit involving Unit Operations.

14.3 Litigation Involving Unit. All litigation, and all settlements or liability of damages arising thereunder, involving

or arising out of Unit Operations (specifically including but not limited to actions by third parties claiming damages by virtue of Unit Operations) shall be deemed a Unit Expense under Article 11 hereof.

ARTICLE 15

LAWS AND REGULATIONS

15.1 Internal Revenue Provision. Notwithstanding any provisions herein that the rights and liabilities of the parties 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, then each of the parties hereto 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. Unit Operator is hereby authorized and directed to execute on behalf of each of the parties hereto such evidence of this election as may be required by the Secretary of 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 of the returns, statements, and the data required by Federal Regulations 1.761-2. Should there be any requirement that each party hereto further evidence this election, each party hereto agrees to 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. Each party hereto further agrees to 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 Unit Area is located, or any future income tax law 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 of the parties agrees to make such election as may be permitted, or required by such laws. In making this election, each of the parties states that the income derived by such party from the operations under this Agreement can be adequately determined without the computation of partnership taxable income.

ARTICLE 16

NOTICES

16.1 Notices. All notices required hereunder shall be in writing and shall be deemed to have been properly served when sent by mail or telegram to the address of the representative of each Working Interest Owner as furnished to Unit Operator in accordance with Article 4.

ARTICLE 17

WITHDRAWAL OF WORKING INTEREST OWNER

17.1 Withdrawal. A Working Interest Owner may withdraw from this Agreement by transferring, without warranty of title, either express or implied, to the other Working Interest Owners, all its Oil and Gas Rights exclusive of Royalty Interests, together with its interest in all Unit Equipment and in all wells used in Unit Operations, provided that such transfer shall not relieve such Working Interest Owner from any obligation or liability incurred prior to the first day of the month following receipt by Unit Operator of such transfer. The delivery of the transfer shall be made to Unit Operator for the transferees. The transferred interest shall be owned by the transferees in proportion to their respective Unit Participations. The transferees, in proportion to the respective interest so acquired, shall pay the transferor for its interest in Unit Equipment, the salvage value thereof less its share of the estimated cost of salvaging same and of plugging and abandoning all wells then being used or held for Unit Operations, as determined by Working Interest Owners. In the event such withdrawing owner's interest in the aforesaid salvage value is less than such owner's share of such estimated costs, the withdrawing owner, as a condition precedent to withdrawal, shall pay the Unit Operator, for the benefit of Working Interest Owners succeeding to its interest, a sum equal to the deficiency. Within sixty (60) days after receiving delivery of the transfer, Unit Operator shall render a final statement to the withdrawing owner for its share of Unit Expense, including any deficiency in salvage value, as determined by Working Interest Owners, incurred as of the first day of the month following the date of receipt of the transfer. Provided all Unit Expense, including any deficiency hereunder, due from the withdrawing owner has been paid in full within thirty (30) days after the rendering of such final statement by the Unit Operator, the date of transfer shall be the effective date, the withdrawing owner shall be relieved from all further obligations and liabilities hereunder and under the Unit Agreement, and the rights of the withdrawing Working Interest Owner hereunder and under the Unit Agreement shall cease insofar as they existed by virtue of the interest transferred.

ARTICLE 18

ABANDONMENT OF WELLS

18.1 Rights of Former Owners. If Working Interest Owners decide to permanently abandon any well within the Unit Area prior to termination of the Unit Agreement, Unit Operator shall give written notice thereof to the Working Interest Owners of the Tract on which the well is located, and they shall have the option for a period of sixty (60) days after the sending of such notice to notify Unit Operator in writing of their election to take over and own the well. Within ten (10) days after the Working Interest Owners of the tract have notified Unit Operator of their election to take over the well, they shall pay Unit Operator, for credit to the joint account, the amount determined by Working Interest Owners to be the net salvage value of the casing and equipment in and on the well. The Working Interest Owners of the Tract, by taking over the well, agree to seal off the Unitized formation, and upon abandonment to plug the well in compliance with applicable laws and regulations.

18.2 Plugging. If the Working Interest Owners of a Tract do not elect to take over a well located within the Unit Area that is proposed for abandonment, Unit Operator shall plug and abandon the well in compliance with applicable laws and regulations.

ARTICLE 19

EFFECTIVE DATE AND TERM

19.1 Effective date. This Agreement shall become effective when the Unit Agreement becomes effective.

19.2 Term. This Agreement shall continue in effect so long as the Unit Agreement remains in effect, and thereafter until (a) all unit wells have been plugged and abandoned or turned over to Working Interest Owners in accordance with Article 20, (b) all Unit Equipment and real property acquired for the joint account have been disposed of by Unit Operator in accordance with instructions of Working Interest Owners; and (c) there has been a final accounting.

ARTICLE 20

ABANDONMENT OF OPERATIONS

20.1 Termination. Upon termination of the Unit Agreement, the following will occur:

20.1.1 Oil and Gas Rights. Oil and Gas Rights in and to each separate Tract shall no longer be affected by this Agreement, and thereafter the parties shall be governed by the terms and provisions of the leases, contracts and other instruments affecting the separate Tracts.

20.1.2 Right to Operate. Working Interest Owners of any Tract that desire to take over and continue to operate wells located thereon may do so by paying Unit Operator, for credit to the joint account, the net salvage values, as determined by Working Interest Owners, of the casing and equipment in and on the wells taken over and by agreeing upon abandonment to plug each well in compliance with applicable laws and regulations.

20.1.3 Salvaging Wells. Unit Operator shall salvage as much of the casing and equipment in or on wells not taken over by Working Interest Owners of separate Tracts as can economically and reasonably be salvaged, and shall cause the wells to be plugged and abandoned in compliance with applicable laws and regulations.

20.1.4. Cost of Abandonment. The cost of abandonment of Unit Operations shall be Unit Expense.

20.1.5. Distribution of Assets. Working Interest Owners shall share in the distribution of Unit Equipment, or the proceeds thereof, in proportion to their Unit Participation.

ARTICLE 21

EXECUTION

21.1 Original, Counterpart, or Other Instrument. An owner of a Working Interest may become a party to this Agreement by signing the original of this instrument, and counterpart thereof, or other instrument agreeing to become a party hereto. The signing of any such instrument shall have the same effect as if all parties had signed the same instrument.

ARTICLE 22

SUCCESSORS AND ASSIGNS

22.1 Successors and Assigns. This Agreement shall extend to, be binding upon, and inure to the benefit of the parties hereto and their respective heirs, devisees, legal representatives, successors, and assigns, and shall constitute a covenant running with the lands, leases, and interests covered hereby.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the date opposite their respective signatures.

MARBOB ENERGY CORPORATION

Date: July 1, 1993

By: Raye Miller
Attorney-in-Fact Raye Miller

PITCH ENERGY CORPORATION

Date: July 1, 1993

By: John R. Gray
Its: _____

JOHN R. GRAY, TRUSTEE OF THE JOHN R. GRAY TRUST, u/t/a dated October 3, 1984

Date: July 1, 1993

By: John R. Gray
John R. Gray, Trustee

RAYE MILLER

Date: July 1, 1993

Raye Miller

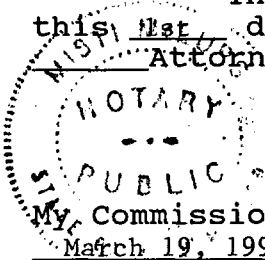
J. T. THOMPSON

Date: July 7, 1993

J. T. Thompson

STATE OF NEW MEXICO)
 : ss.
COUNTY OF EDDY)

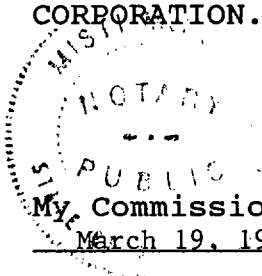
The foregoing instrument was acknowledged before me this 1st day of July, 1993 by Raye Miller Attorney-in-Fact on behalf of MARBOB ENERGY CORPORATION.



Misti McLurg
Notary Public

STATE OF NEW MEXICO)
): ss.
COUNTY OF EDDY)

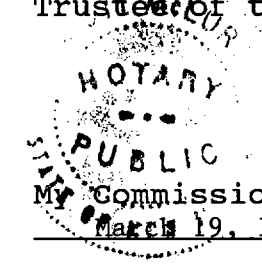
The foregoing instrument was acknowledged before me
this 1st day of July, 1993 by John R. Gray
President on behalf of PITCH ENERGY
CORPORATION.



Misti McLurg
Notary Public

STATE OF NEW MEXICO)
): ss.
COUNTY OF EDDY)

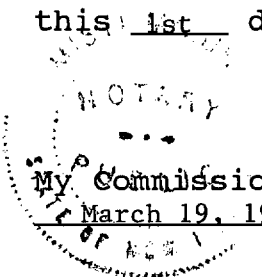
The foregoing instrument was acknowledged before me
this ~~1st~~ day of July, 1993 by John R. Gray,
Trustee of the John R. Gray Trust.



Misti McLurg
Notary Public

STATE OF NEW MEXICO)
): ss.
COUNTY OF EDDY)

The foregoing instrument was acknowledged before me
this 1st day of July, 1993 by Raye Miller.



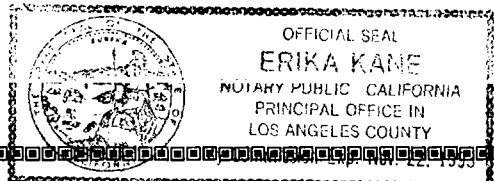
Misti McLurg
Notary Public

STATE OF)
)
) : ss.
COUNTY OF)

The foregoing instrument was acknowledged before me
this _____ day of _____, 1993 by J. T. Thompson.

Notary Public

My Commission Expires:



ALL-PURPOSE ACKNOWLEDGMENT

State of CALIFORNIA

County of LOS ANGELES

On 07-02-93 before me, ERIKA KANE, NOTARY PUBLIC
DATE NAME, TITLE OF OFFICER - E.G. "JANE DOE, NOTARY PUBLIC"

personally appeared J. T. THOMPSON
NAME(S) OF SIGNER(S)

personally known to me • OR • proved to me on the basis of satisfactory evidence to be the person~~s~~ whose name~~s~~ is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she~~/~~they~~ executed the same in his/~~her~~/~~their~~ authorized capacity~~(ies)~~, and that by his/~~her~~/~~their~~ signature~~s~~ on the instrument the person~~s~~ or the entity upon behalf of which the person~~s~~ acted, executed the instrument.



Witness my hand and official seal.

Erika Kane
SIGNATURE OF NOTARY

OPTIONAL SECTION

CAPACITY CLAIMED BY SIGNER

Though statute does not require Notary to fill in the data below, doing so may prove invaluable to persons relying on the document.

- INDIVIDUAL
- CORPORATE OFFICER(S)
- TITLE(S)
 PARTNER(S) LIMITED GENERAL
- ATTORNEY-IN-FACT
- TRUSTEE(S)
- GUARDIAN/CONSERVATOR
- OTHER: _____

SIGNER IS REPRESENTING:

NAME OF PERSON(S) OR ENTITY(IES)

OPTIONAL SECTION

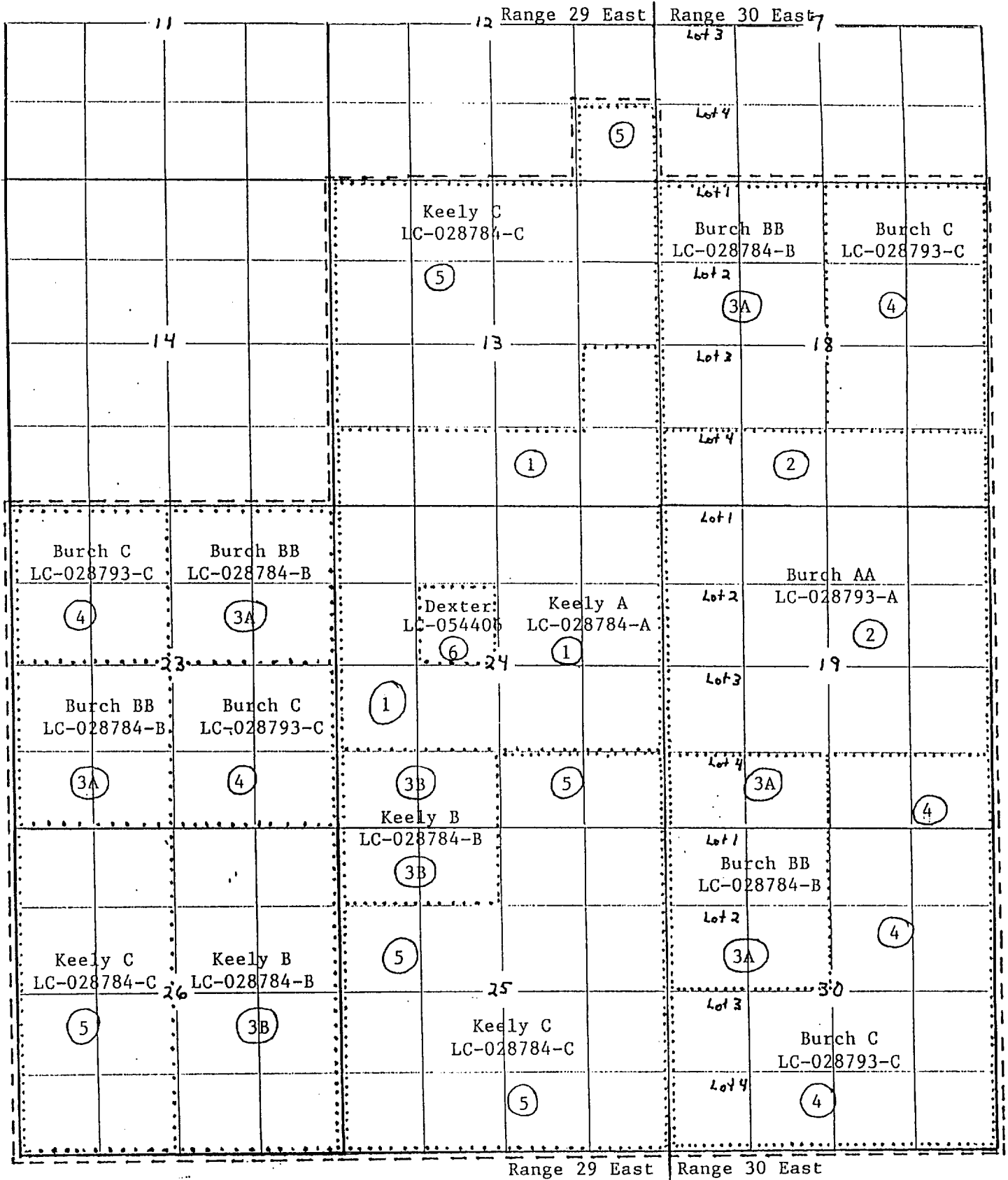
THIS CERTIFICATE MUST BE ATTACHED TO THE DOCUMENT DESCRIBED AT RIGHT:

Title or Type of Document _____
Number of Pages _____ Date of Document _____
Signer(s) Other than Named Above _____

Though the data requested here is not required by law, it could prevent fraudulent reattachment of this form.

EXHIBIT A

TOWNSHIP 17 South RANGE 29,30 East COUNTY Eddy STATE New Mexico



Legend

- Unit Boundary
- Tract Boundary
- 2- Section Number
- ⑤ Tract Number

BURCH-KEELY UNIT
TOTAL UNIT ACREAGE 5129.44

TT7S-R30E, N.M.P.M.
Sec. 18, Lot 4,
SE/4 SW/4, S/2 SE/4
Sec. 19, Lots 1,2,3, NE/4,
E/2 NW/4, NE/4 SW/4,
N/2 SE/4

629.700

LC-028793-A
(HBP)

U.S.A.
(5%)

Phillips Petro. Corp.
(100.00%)

| | | | | |
|--|--------------|------|--------------------|--------|
| First City Texas Houston, N.A. Trustees | | | | |
| U/W Marguerite Smith Walker | | | | |
| Trust 10038500 | - .002500000 | ORRI | | |
| Charlene M. Ward, Testamentary Trustee | | | | |
| under the Will of E.H.Ward, deceased for | | | | |
| the benefit of | | | | |
| Jennie Ward Vaksich | - .001041700 | ORRI | | |
| Charlene M. Ward, Testamentary Trustee | | | | |
| under the Will of E.H.Ward, deceased for | | | | |
| the benefit of | | | | |
| Stephen Sterling Ward | - .001041700 | ORRI | | |
| Charlene M. Ward, Testamentary Trustee | | | | |
| under the Will of E.H.Ward, deceased for | | | | |
| the benefit of | | | | |
| Sara Ward Sims | - .001041600 | ORRI | | |
| Kurt A. Weber | - .000050200 | ORRI | | |
| Virginia Weber | - .000050200 | ORRI | | |
| Betty B. White | - .001041700 | ORRI | | |
| James T. Wymann and Frederick Winston, | | | | |
| Trustees under the Will of Francisca S. | | | | |
| Winston | - .003750000 | ORRI | | |
| Raye Miller | - .005000000 | ORRI | | |
| David G. Martin | - .002500000 | ORRI | | |
| Aline Beyer | - .000006900 | ORRI | Marbob Energy Corp | 23.75% |
| Sidney Mounning | - .000055600 | ORRI | Pitch Energy Corp | 23.75% |
| Mack Purcell | - .000166600 | ORRI | J.R. Gray Trust | 47.5 % |
| Gary R. Purcell | - .000027800 | ORRI | Raye P. Miller | 2.5 % |
| Thomas G. Purcell | - .000027800 | ORRI | J.T. Thompson | 2.5 % |
| Helen Reed | - .000166600 | ORRI | | |
| Hazel Turner | - .000027800 | ORRI | | |
| Frank W. Addis | - .000430600 | ORRI | | |
| Frank A. Addis | - .000027800 | ORRI | | |
| Roy C. Andrews | - .000027800 | ORRI | | |
| NationsBank of Texas, N.A., Independent | | | | |
| Executor and Trustee U/W | | | | |
| of Selma E. | | | | |
| Trust #5188 | - .002685300 | ORRI | | |
| Peggy F. Ashbrenner | - .000006900 | ORRI | | |
| Betty Jean Banks | - .000013900 | ORRI | | |
| Braille Institute of America, | | | | |
| Agency #631-00 | - .002314700 | ORRI | | |
| Leona L. Bryant | - .002500000 | ORRI | | |
| Maxine Cole | - .000006900 | ORRI | | |
| Robin W. Crouse, Jr. | - .002500000 | ORRI | | |
| Ronald K. Deford | - .005000000 | ORRI | | |
| Mr. Edward Dreesen, Jr. | - .000300000 | ORRI | | |

3A Burch BB T17S-R29E, N.M.P.M. 784.52 LC-028784-B U.S.A. Phillips Oil Company
 Sec. 23: NE/4, SW/4 (HBP) (12.5-32%) (100%)

Ingrid Dresssen Powell, Trustee for the
 Betty Kyle Dresssen Irrevocable Trust of 12/23/58 - .001900000 ORRI
 Valley Sue Freeman - .001250000 ORRI
 Higgins Trust Inc. - .005000000 ORRI
 David B. Kyle - .002500000 ORRI
 Clyde Le Force, Jr. - .000013900 ORRI
 Max Le Force - .000006900 ORRI
 Mrs. Walter Le Force - .000013900 ORRI
 James R. LeForce - .000006900 ORRI
 Rolla L. Long, Jr. - .002500000 ORRI
 Judy Addis Mack - .000430600 ORRI
 Marshall & Winston, Inc. - .005000000 ORRI
 Wayne McCann - .005000000 ORRI
 Richard Lee Mourning - .000013900 ORRI
 Robt. Alan Mourning - .000013900 ORRI
 Roger William Mourning - .000013900 ORRI
 Ronald Eugene Mourning - .000013900 ORRI
 Betty Jane Pettigrew - .000006900 ORRI
 Mrs. Ingrid Powell - .000300000 ORRI
 Robert R. Purcell - .000055600 ORRI
 Frank H. Purcell Trust - .000055600 ORRI
 Alice Rankin - .000027800 ORRI
 B. F. Rose, III - .001250000 ORRI
 First City Texas Houston, N.A. Trustee
 U/W Marguerite Smith - .002500000 ORRI
 Walker Trust 10038500 - .010000000 ORRI
 W. G. Welter - .010000000 ORRI
 United New Mexico Trust Company, Trustee
 for George H. & Lois M. Williams - .005000000 ORRI
 Donald R. Wilson - .000833300 ORRI
 James T. Wyman and Frederick Winston, Trustees under the Will of Francisca S. Winston - .015000000 ORRI
 Raye Miller - .005000000 ORRI
 David G. Martin - .002500000 ORRI

Raye Miller - .005000000 ORRI Marbob Energy Corp 23.75%
 David G. Martin - .002500000 ORRI Pich Energy Corp 23.75%
 J.R. Gray Trust 47.5 %
 Raye P. Miller 2.5 %
 J. T. Thompson 2.5 %

15.9549%

T17S-R30E, N.M.P.M.
 Sec. 18: Lots 1, 2 and 3,
 E/2 NW/4, NE/4 SW/4
 Sec. 19: Lot 4, SE/4 SW/4
 Sec. 30: Lots 1 & 2, E/2 NW/4

3B Keely B 480.00
 T17S-R29E, N.M.P.M.
 Sec. 24: S/2 SW/4
 Sec. 25: N/2 NW/4
 Sec. 26: E/2

LC-028784-B
 (formerly LC-028793(b)) (12.5-32%)
 (HBP)

Phillips Oil Company
 (100%)
 Raye Miller
 David G. Martin

-.00500000 ORRI Marbob Energy Corp 23.75%
 -.00250000 ORRI Pitch Energy Corp 23.75%
 J.R. Gray Trust 47.5 %
 Raye P. Miller 2.5 %
 J. T. Thompson 2.5 %

14.4570%

4 Burch C 1,115.220
 T17S-R29E, N.M.P.M.
 Sec. 23: NW/4, SE/4

T17S-R30E, N.M.P.M.
 Sec. 18: NE/4, N/2 SE/4
 Sec. 19: S/2 SE/4
 Sec. 30: Lots 3, 4, E/2 SW/4,
 E/2

LC-028793-C
 (HBP) U.S.A.
 (sliding Schedule D)

Phillips Pet. Corp.
 (100%)

Wilbur John Acree
 Chester J. Acree and Jean C. Acree,
 Trustees of the Acree Family Trust
 u/v/a 9-30-88
 Wilma Connor
 Robert C. Dexter
 Robert F. Dexter
 Robert E. Downer
 Leo Vernon Mock & Lucile Mock, Trustees
 of the Mock Family Trust u/v/a dated
 5/20/91
 Carol Jean D. Purcell
 Albert Smith &
 Dorothy Smith
 Dorothy Smith
 Mary Ann Stokes
 Dolores J. Thomas
 Margaret Louise Treat
 Kurt A. Weber
 Virginia Weber
 Raye Miller
 David G. Martin

-.003273900 ORRI Marbob Energy Corp 23.75%
 -.003273800 ORRI Pitch Energy Corp 23.75%
 -.01250000 ORRI J.R. Gray Trust 47.5 %
 -.001171900 ORRI Raye P. Miller 2.5 %
 -.005208300 ORRI J. T. Thompson 2.5 %
 -.001190500 ORRI
 -.002976200 ORRI
 -.001171900 ORRI
 -.000223200 ORRI
 -.012500000 ORRI
 -.000223200 ORRI
 -.004947900 ORRI
 -.000892800 ORRI
 -.000223200 ORRI
 -.000223200 ORRI
 -.005000000 ORRI
 -.025000000 ORRI

20.3547%

5 Keely C 1,440.00
 T17S-R29E, N.M.P.M.
 Sec. 12: SE/4 SE/4
 Sec. 13: N/2, N/2 SW/4,
 NW/4 SE/4

LC-028784-C
 (HBP) U.S.A.
 (Sliding Schedule D)

General American Oil
 Company (now Phillips
 Petro. Corporation)
 (100%)
 Wilbur John Acree
 Chester J. Acree and Jean C. Acree,
 Trustees of the Acree Family Trust
 u/v/a dated 9-30-88

-.003273700 ORRI Marbob Energy Corp 23.75%
 Pitch Energy Corp 23.75%
 J.R. Gray Trust 47.5 %
 Raye P. Miller 2.5 %

25.9897%

Sec. 24: S/2 SE/4
 Sec. 25: E/2, S/2 NW/4,
 SW/4
 Sec. 26: W/2

6 Dexter T17S-R29E, N.M.P.M.
 Sec. 24: SE/4 NW/4 40.00 LC-054406 U.S.A.
 (HBP) (12.5-32%)
 General American Oil
 Company (now Phillips
 Petroleum Corporation
 (100%))

Wilma Connor - .012500000 ORRI J.T. Thompson 2.5 %
 Robt Christian Dexter - .001171900 ORRI
 Robt F. Dexter - .005208300 ORRI
 Robt E. Downer - .001190600 ORRI
 Leo Vernon Mock & Lucile Mock, Trustees
 of the Mock Family Trust, u/s/a dated
 5-20-81 - .002976200 ORRI
 Carol Jean D. Purcell - .001171900 ORRI
 Albert Smith &
 Dorothy Smith - .000223200 ORRI
 - .012500000 ORRI
 Mary Ann Stokes - .000223200 ORRI
 Dolores J. Thomas - .004948100 ORRI
 Margaret Louise Treat - .000892800 ORRI
 Kurt A. Weber - .000223200 ORRI
 Virginia Weber - .000223200 ORRI
 Raye Miller - .005000000 ORRI
 David G. Martin - .002500000 ORRI
 Raye Miller - .005000000 ORRI Mathob Energy Corp 23.75%
 David G. Martin - .025000000 ORRI Pitch Energy Corp 23.75%
 J.R. Gray Trust 47.5 %
 Raye P. Miller 2.5 %
 J. T. Thompson 2.5 %

8384%

SUMMARY OF ACREAGE:

| | <u>ACRES</u> | <u>% OF UNIT</u> |
|---------|-----------------|------------------|
| Federal | 5.129.44 | 100% |
| State | -0- | -0- |
| Fee | -0- | -0- |
| | <u>5.129.44</u> | <u>100%</u> |

EXHIBIT "C"
 TRACT PARTICIPATION FACTORS
 BURCH-KEELY UNIT, GRAYBURG JACKSON FIELD
 EDDY COUNTY, NEW MEXICO

| TRACT | LEASE | A | | C | | E | | G | | TRACT PARTICIPATION |
|-------|------------------|---------------------------------------|--------------|----------------------------|--------------|-----------------|--------------|---------------------------------|--------------|---------------------|
| | | CUMULATIVE OIL PRODUCTION AT 12/31/92 | TRACT FACTOR | OPERATIONS FUTURE RESERVES | TRACT FACTOR | 1992 PRODUCTION | TRACT FACTOR | UNIT OPERATIONS FUTURE RESERVES | TRACT FACTOR | |
| | | STB* | | STB | | STB | | STB | | |
| 2 | Burch AA Federal | 3,001,929 | 0.160037 | 85,763 | 0.057668 | 8,852 | 0.049707 | 773,999 | 0.133544 | |
| 3A | Burch BB Federal | 3,104,923 | 0.165527 | 218,047 | 0.146618 | 27,311 | 0.153361 | 910,814 | 0.157150 | |
| 4 | Burch C Federal | 2,512,394 | 0.133939 | 503,813 | 0.338770 | 62,370 | 0.350230 | 1,169,648 | 0.201808 | |
| 6 | Dexter Federal | 155,580 | 0.008294 | 8,865 | 0.005961 | 1,135 | 0.006373 | 62,492 | 0.010782 | |
| 1 | Keely A Federal | 2,104,061 | 0.112170 | 104,660 | 0.070375 | 13,336 | 0.074887 | 532,850 | 0.091937 | |
| 3B | Keely B Federal | 2,540,262 | 0.135425 | 252,169 | 0.169562 | 29,783 | 0.167242 | 805,800 | 0.139031 | |
| 5 | Keely C Federal | 5,338,616 | 0.284608 | 313,863 | 0.211046 | 35,296 | 0.198200 | 1,540,235 | 0.265748 | |
| | | 18,757,765 | 1.000000 | 1,437,180 | 1.000000 | 178,083 | 1.000000 | 5,795,838 | 1.000000 | |
| | | B | | D | | F | | H | | |
| | | A/B x .50 | + | C/D x .125 | + | E/F x .125 | + | G/H x .25 | | TRACT PARTICIPATION |
| 2 | Burch AA Federal | 0.080018 | | 0.007209 | | 0.006213 | | 0.033386 | | 0.126826 |
| 3A | Burch BB Federal | 0.082764 | | 0.018327 | | 0.019170 | | 0.039288 | | 0.159549 |
| 4 | Burch C Federal | 0.066970 | | 0.042346 | | 0.043779 | | 0.050452 | | 0.203547 |
| 6 | Dexter Federal | 0.004147 | | 0.000745 | | 0.000797 | | 0.002695 | | 0.008384 |
| 1 | Keely A Federal | 0.056085 | | 0.008797 | | 0.009361 | | 0.022984 | | 0.097227 |
| 3B | Keely B Federal | 0.067712 | | 0.021195 | | 0.020905 | | 0.034758 | | 0.144570 |
| 5 | Keely C Federal | 0.142304 | | 0.026381 | | 0.024775 | | 0.066437 | | 0.259897 |
| | | 0.500000 | | 0.125000 | | 0.125000 | | 0.250000 | | 1.000000 |

*Includes Grayburg Paddock production - now inactive.

EXHIBIT " D "

Attached to and made a part of THAT CERTAIN UNIT OPERATING AGREEMENT DATED
IDENTIFIED AS THE BURCH-KEELY UNIT

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.

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

A. 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 within fifteen (15) days after receipt of the billing or by the first day of the month for which the advance is required, whichever is later. Operator shall adjust each monthly billing to reflect advances received from the Non-Operators.

B. Each Non-Operator shall pay its proportion of all bills within ³⁰~~fifteen (15)~~ days after receipt. If payment is not made within such time, the unpaid balance shall bear interest monthly at the prime rate in effect at Prime rate in effect at Nations Bank on the first day of the month in which delinquency occurs plus 1% 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.

1 5. Audits

2
3 A. A Non-Operator, upon notice in writing to Operator and all other Non-Operators, shall have the right to audit
4 Operator's accounts and records relating to the Joint Account for any calendar year within the twenty-four
5 (24) month period following the end of such calendar year; provided, however, the making of an audit shall not
6 extend the time for the taking of written exception to and the adjustments of accounts as provided for in
7 Paragraph 4 of this Section I. Where there are two or more Non-Operators, the Non-Operators shall make
8 every reasonable effort to conduct a joint audit in a manner which will result in a minimum of inconvenience
9 to the Operator. Operator shall bear no portion of the Non-Operators' audit cost incurred under this
10 paragraph unless agreed to by the Operator. The audits shall not be conducted more than once each year
11 without prior approval of Operator, except upon the resignation or removal of the Operator, and shall be made
12 at the expense of those Non-Operators approving such audit.

13
14 B. The Operator shall reply in writing to an audit report within 180 days after receipt of such report.

15
16 6. Approval By Non-Operators

17
18 Where an approval or other agreement of the Parties or Non-Operators is expressly required under other sections of
19 this Accounting Procedure and if the agreement to which this Accounting Procedure is attached contains no
20 contrary provisions in regard thereto, Operator shall notify all Non-Operators of the Operator's proposal, and the
21 agreement or approval of a majority in interest of the Non-Operators shall be controlling on all Non-Operators.
22

23
24 II. DIRECT CHARGES

25
26 Operator shall charge the Joint Account with the following items:

27
28 1. Ecological and Environmental

29
30 Costs incurred for the benefit of the Joint Property as a result of governmental or regulatory requirements to satisfy
31 environmental considerations applicable to the Joint Operations. Such costs may include surveys of an ecological or
32 archaeological nature and pollution control procedures as required by applicable laws and regulations.
33

34 2. Rentals and Royalties

35
36 Lease rentals and royalties paid by Operator for the Joint Operations.
37

38 3. Labor

39
40 A. (1) Salaries and wages of Operator's field employees directly employed on the Joint Property in the conduct of
41 Joint Operations.

42
43 (2) Salaries of First Level Supervisors in the field.

44
45 (3) Salaries and wages of Technical Employees directly employed on the Joint Property if such charges are
46 excluded from the overhead rates.

47
48 (4) Salaries and wages of Technical Employees either temporarily or permanently assigned to and directly
49 employed in the operation of the Joint Property if such charges are excluded from the overhead rates.
50

51 B. Operator's cost of holiday, vacation, sickness and disability benefits and other customary allowances paid to
52 employees whose salaries and wages are chargeable to the Joint Account under Paragraph 3A of this Section II.
53 Such costs under this Paragraph 3B may be charged on a "when and as paid basis" or by "percentage assessment"
54 on the amount of salaries and wages chargeable to the Joint Account under Paragraph 3A of this Section II. If
55 percentage assessment is used, the rate shall be based on the Operator's cost experience.
56

57 C. Expenditures or contributions made pursuant to assessments imposed by governmental authority which are
58 applicable to Operator's costs chargeable to the Joint Account under Paragraphs 3A and 3B of this Section II.
59

60 D. Personal Expenses of those employees whose salaries and wages are chargeable to the Joint Account under
61 Paragraph 3A of this Section II.
62

63 4. Employee Benefits

64
65 Operator's current costs of established plans for employees' group life insurance, hospitalization, pension, retirement,
66 stock purchase, thrift, bonus, and other benefit plans of a like nature, applicable to Operator's labor cost chargeable to the
67 Joint Account under Paragraphs 3A and 3B of this Section II shall be Operator's actual cost not to exceed the percent
68 most recently recommended by the Council of Petroleum Accountants Societies.
69
70

1 5. Material

2
3 Material purchased or furnished by Operator for use on the Joint Property as provided under Section IV. Only such
4 Material shall be purchased for or transferred to the Joint Property as may be required for immediate use and is
5 reasonably practical and consistent with efficient and economical operations. The accumulation of surplus stocks shall be
6 avoided.

7
8 6. Transportation

9
10 Transportation of employees and Material necessary for the Joint Operations but subject to the following limitations:

11
12 A. If Material is moved to the Joint Property from the Operator's warehouse or other properties, no charge shall be
13 made to the Joint Account for a distance greater than the distance from the nearest reliable supply store where like
14 material is normally available or railway receiving point nearest the Joint Property unless agreed to by the Parties.

15
16 B. If surplus Material is moved to Operator's warehouse or other storage point, no charge shall be made to the Joint
17 Account for a distance greater than the distance to the nearest reliable supply store where like material is normally
18 available, or railway receiving point nearest the Joint Property unless agreed to by the Parties. No charge shall be
19 made to the Joint Account for moving Material to other properties belonging to Operator, unless agreed to by the
20 Parties.

21
22 C. In the application of subparagraphs A and B above, the option to equalize or charge actual trucking cost is
23 available when the actual charge is \$400 or less excluding accessorial charges. The \$400 will be adjusted to the
24 amount most recently recommended by the Council of Petroleum Accountants Societies.

25
26 7. Services

27
28 The cost of contract services, equipment and utilities provided by outside sources, except services excluded by Paragraph
29 10 of Section II and Paragraph i, ii, and iii, of Section III. The cost of professional consultant services and contract
30 services of technical personnel directly engaged on the Joint Property if such charges are excluded from the overhead
31 rates. The cost of professional consultant services or contract services of technical personnel not directly engaged on the
32 Joint Property shall not be charged to the Joint Account unless previously agreed to by the Parties.

33
34 8. Equipment and Facilities Furnished By Operator

35
36 A. Operator shall charge the Joint Account for use of Operator owned equipment and facilities at rates commensurate
37 with costs of ownership and operation. Such rates shall include costs of maintenance, repairs, other operating
38 expense, insurance, taxes, depreciation, and interest on gross investment less accumulated depreciation not to
39 exceed NationsBank's prime rate per annum. Such rates shall not exceed average commercial
40 rates currently prevailing in the immediate area of the Joint Property.

41
42 B. In lieu of charges in paragraph 8A above, Operator may elect to use average commercial rates prevailing in the
43 immediate area of the Joint Property less 20%. For automotive equipment, Operator may elect to use rates
44 published by the Petroleum Motor Transport Association.

45
46 9. Damages and Losses to Joint Property

47
48 All costs or expenses necessary for the repair or replacement of Joint Property made necessary because of damages or
49 losses incurred by fire, flood, storm, theft, accident, or other cause, except those resulting from Operator's gross
50 negligence or willful misconduct. Operator shall furnish Non-Operator written notice of damages or losses incurred as
51 soon as practicable after a report thereof has been received by Operator.

52
53 10. Legal Expense

54
55 Expense of handling, investigating and settling litigation or claims, discharging of liens, payment of judgements and
56 amounts paid for settlement of claims incurred in or resulting from operations under the agreement or necessary to
57 protect or recover the Joint Property, ~~except that no charge for services of Operator's legal staff or fees or expense of~~
58 ~~outside attorneys shall be made unless previously agreed to by the Parties. All other legal expense is considered to be~~
59 covered by the overhead provisions of Section III unless otherwise agreed to by the Parties, except as provided in Section
60 I, Paragraph 3.

61
62 11. Taxes

63
64 All taxes of every kind and nature assessed or levied upon or in connection with the Joint Property, the operation thereof,
65 or the production therefrom, and which taxes have been paid by the Operator for the benefit of the Parties. If the ad
66 valorem taxes are based in whole or in part upon separate valuations of each party's working interest, then
67 notwithstanding anything to the contrary herein, charges to the Joint Account shall be made and paid by the Parties
68 hereto in accordance with the tax value generated by each party's working interest.

1 12. Insurance

2
3 Net premiums paid for insurance required to be carried for the Joint Operations for the protection of the Parties. In the
4 event Joint Operations are conducted in a state in which Operator may act as self-insurer for Worker's Compensation
5 and/or Employers Liability under the respective state's laws, Operator may, at its election, include the risk under its self-
6 insurance program and in that event, Operator shall include a charge at Operator's cost not to exceed manual rates.
7

8 13. Abandonment and Reclamation

9
10 Costs incurred for abandonment of the Joint Property, including costs required by governmental or other regulatory
11 authority.
12

13 14. Communications

14
15 Cost of acquiring, leasing, installing, operating, repairing and maintaining communication systems, including radio and
16 microwave facilities directly serving the Joint Property. In the event communication facilities/systems serving the Joint
17 Property are Operator owned, charges to the Joint Account shall be made as provided in Paragraph 8 of this Section II.
18

19 15. Other Expenditures

20
21 Any other expenditure not covered or dealt with in the foregoing provisions of this Section II, or in Section III and which
22 is of direct benefit to the Joint Property and is incurred by the Operator in the necessary and proper conduct of the Joint
23 Operations.
24

25
26 III. OVERHEAD

27
28 1. Overhead - Drilling and Producing Operations

29
30 i. As compensation for administrative, supervision, office services and warehousing costs, Operator shall charge
31 drilling and producing operations on either:

- 32
33 (XX) Fixed Rate Basis, Paragraph 1A, or
34 () Percentage Basis, Paragraph 1B
35

36 Unless otherwise agreed to by the Parties, such charge shall be in lieu of costs and expenses of all offices and
37 salaries or wages plus applicable burdens and expenses of all personnel, except those directly chargeable under
38 Paragraph 3A, Section II. The cost and expense of services from outside sources in connection with matters of
39 taxation, traffic, accounting or matters before or involving governmental agencies shall be considered as included in
40 the overhead rates provided for in the above selected Paragraph of this Section III unless such cost and expense are
41 agreed to by the Parties as a direct charge to the Joint Account.
42

43 ii. The salaries, wages and Personal Expenses of Technical Employees and/or the cost of professional consultant
44 services and contract services of technical personnel directly employed on the Joint Property:

- 45
46 () shall be covered by the overhead rates, or
47 (XX) shall not be covered by the overhead rates.
48

49 iii. The salaries, wages and Personal Expenses of Technical Employees and/or costs of professional consultant services
50 and contract services of technical personnel either temporarily or permanently assigned to and directly employed in
51 the operation of the Joint Property:

- 52
53 () shall be covered by the overhead rates, or
54 (XX) shall not be covered by the overhead rates.
55

56 A. Overhead - Fixed Rate Basis

57
58 (1) Operator shall charge the Joint Account at the following rates per well per month:

59
60 Drilling Well Rate \$ 3,000.00
61 (Prorated for less than a full month)

62
63 Producing Well Rate \$ 300.00
64

65 (2) Application of Overhead - Fixed Rate Basis shall be as follows:

66
67 (a) Drilling Well Rate

68
69 (1) Charges for drilling wells shall begin on the date the well is spudded and terminate on the date
70 the drilling rig, completion rig, or other units used in completion of the well is released, whichever

1 is later, except that no charge shall be made during suspension of drilling or completion operations
2 for fifteen (15) or more consecutive calendar days.

- 3
4 (2) Charges for wells undergoing any type of workover or recompletion for a period of five (5)
5 consecutive work days or more shall be made at the drilling well rate. Such charges shall be
6 applied for the period from date workover operations, with rig or other units used in workover,
7 commence through date of rig or other unit release, except that no charge shall be made during
8 suspension of operations for fifteen (15) or more consecutive calendar days.

9
10 (b) Producing Well Rates

- 11 (1) An active well either produced or injected into for any portion of the month shall be considered as
12 a one-well charge for the entire month.
13
14 (2) Each active completion in a multi-completed well in which production is not commingled down
15 hole shall be considered as a one-well charge providing each completion is considered a separate
16 well by the governing regulatory authority.
17
18 (3) An inactive gas well shut in because of overproduction or failure of purchaser to take the
19 production shall be considered as a one-well charge providing the gas well is directly connected to
20 a permanent sales outlet.
21
22 (4) A one-well charge shall be made for the month in which plugging and abandonment operations
23 are completed on any well. This one-well charge shall be made whether or not the well has
24 produced except when drilling well rate applies.
25
26 (5) All other inactive wells (including but not limited to inactive wells covered by unit allowable, lease
27 allowable, transferred allowable, etc.) shall not qualify for an overhead charge.
28
29
30 (3) The well rates shall be adjusted as of the first day of April each year following the effective date of the
31 agreement to which this Accounting Procedure is attached. The adjustment shall be computed by multiplying
32 the rate currently in use by the percentage increase or decrease in the average weekly earnings of Crude
33 Petroleum and Gas Production Workers for the last calendar year compared to the calendar year preceding as
34 shown by the index of average weekly earnings of Crude Petroleum and Gas Production Workers as published
35 by the United States Department of Labor, Bureau of Labor Statistics, or the equivalent Canadian index as
36 published by Statistics Canada, as applicable. The adjusted rates shall be the rates currently in use, plus or
37 minus the computed adjustment.
38

39 ~~B. Overhead - Percentage Basis~~

- 40
41 (1) Operator shall charge the Joint Account at the following rates:

42 (a) Development

43 _____ Percent (____ %) of the cost of development of the Joint Property exclusive of costs
44 provided under Paragraph 10 of Section II and all salvage credits.

45 (b) Operating

46 _____ Percent (____ %) of the cost of operating the Joint Property exclusive of costs provided
47 under Paragraphs 2 and 10 of Section II, all salvage credits, the value of injected substances purchased
48 for secondary recovery and all taxes and assessments which are levied, assessed and paid upon the
49 mineral interest in and to the Joint Property.

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

51 For the purpose of determining charges on a percentage basis under Paragraph 1B of this Section III,
52 development shall include all costs in connection with drilling, re-drilling, deepening, or any remedial
53 operations on any or all wells involving the use of drilling rig and crew capable of drilling to the producing
54 interval on the Joint Property; also, preliminary expenditures necessary in preparation for drilling and
55 expenditures incurred in abandoning when the well is not completed as a producer, and original cost of
56 construction or installation of fixed assets, the expansion of fixed assets and any other project clearly
57 discernible as a fixed asset, except Major Construction as defined in Paragraph 2 of this Section III. All other
58 costs shall be considered as operating.
59

60
61
62
63
64
65
66 2. Overhead - Major Construction

67 To compensate Operator for overhead costs incurred in the construction and installation of fixed assets, the expansion of
68 fixed assets, and any other project clearly discernible as a fixed asset required for the development and operation of the
69 Joint Property, Operator shall either negotiate a rate prior to the beginning of construction, or shall charge the Joint
70

Account for overhead based on the following rates for any Major Construction project in excess of \$ 250,000.00 :

- A. 5% % of first \$100,000 or total cost if less, plus
B. 3% % of costs in excess of \$100,000 but less than \$1,000,000, plus
C. 2% % of costs in excess of \$1,000,000.

Total cost shall mean the gross cost of any one project. For the purpose of this paragraph, the component parts of a single project shall not be treated separately and the cost of drilling and workover wells and artificial lift equipment shall be excluded.

3. Catastrophe Overhead

To compensate Operator for overhead costs incurred in the event of expenditures resulting from a single occurrence due to oil spill, blowout, explosion, fire, storm, hurricane, or other catastrophes as agreed to by the Parties, which are necessary to restore the Joint Property to the equivalent condition that existed prior to the event causing the expenditures, Operator shall either negotiate a rate prior to charging the Joint Account or shall charge the Joint Account for overhead based on the following rates:

- A. 5% % of total costs through \$100,000; plus
B. 3% % of total costs in excess of \$100,000 but less than \$1,000,000; plus
C. 2% % of total costs in excess of \$1,000,000.

Expenditures subject to the overheads above will not be reduced by insurance recoveries, and no other overhead provisions of this Section III shall apply.

4. 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 reasons, 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 basis exclusive of cash discounts:

A. New Material (Condition A)

(1) Tubular Goods Other than Line Pipe

- (a) Tubular goods, sized 2½ inches OD and larger, except line pipe, shall be priced at Eastern mill published carload base prices effective as of date of movement plus transportation cost using the 80,000 pound carload weight basis to the railway receiving point nearest the Joint Property for which published rail rates for tubular goods exist. If the 80,000 pound rail rate is not offered, the 70,000 pound or 90,000 pound rail rate may be used. Freight charges for tubing will be calculated from Lorain, Ohio and casing from Youngstown, Ohio.

- (b) For grades which are special to one mill only, prices shall be computed at the mill base of that mill plus transportation cost from that mill to the railway receiving point nearest the Joint Property as provided above in Paragraph 2.A.(1)(a). For transportation cost from points other than Eastern mills, the 30,000

1 pound Oil Field Haulers Association interstate truck rate shall be used.

2
3 (c) Special end finish tubular goods shall be priced at the lowest published out-of-stock price, f.o.b. Houston,
4 Texas, plus transportation cost, using Oil Field Haulers Association interstate 30,000 pound truck rate,
5 to the railway receiving point nearest the Joint Property.

6
7 (d) Macaroni tubing (size less than 2 $\frac{3}{8}$ inch OD) shall be priced at the lowest published out-of-stock prices
8 f.o.b. the supplier plus transportation costs, using the Oil Field Haulers Association interstate truck rate
9 per weight of tubing transferred, to the railway receiving point nearest the Joint Property.

10
11 (2) Line Pipe

12
13 (a) Line pipe movements (except size 24 inch OD and larger with walls $\frac{3}{4}$ inch and over) 30,000 pounds or
14 more shall be priced under provisions of tubular goods pricing in Paragraph A.(1)(a) as provided above.
15 Freight charges shall be calculated from Lorain, Ohio.

16
17 (b) Line pipe movements (except size 24 inch OD and larger with walls $\frac{3}{4}$ inch and over) less than 30,000
18 pounds shall be priced at Eastern mill published carload base prices effective as of date of shipment,
19 plus 20 percent, plus transportation costs based on freight rates as set forth under provisions of tubular
20 goods pricing in Paragraph A.(1)(a) as provided above. Freight charges shall be calculated from Lorain,
21 Ohio.

22
23 (c) Line pipe 24 inch OD and over and $\frac{3}{4}$ inch wall and larger shall be priced f.o.b. the point of
24 manufacture at current new published prices plus transportation cost to the railway receiving point
25 nearest the Joint Property.

26
27 (d) Line pipe, including fabricated line pipe, drive pipe and conduit not listed on published price lists shall
28 be priced at quoted prices plus freight to the railway receiving point nearest the Joint Property or at
29 prices agreed to by the Parties.

30
31 (3) Other Material shall be priced at the current new price, in effect at date of movement, as listed by a reliable
32 supply store nearest the Joint Property, or point of manufacture, plus transportation costs, if applicable, to the
33 railway receiving point nearest the Joint Property.

34
35 (4) Unused new Material, except tubular goods, moved from the Joint Property shall be priced at the current
36 new price, in effect on date of movement, as listed by a reliable supply store nearest the Joint Property, or
37 point of manufacture, plus transportation costs, if applicable, to the railway receiving point nearest the Joint
38 Property. Unused new tubulars will be priced as provided above in Paragraph 2.A.(1) and (2).

39
40 B. Good Used Material (Condition B)

41
42 Material in sound and serviceable condition and suitable for reuse without reconditioning:

43
44 (1) Material moved to the Joint Property

45
46 At seventy-five percent (75%) of current new price, as determined by Paragraph A.

47
48 (2) Material used on and moved from the Joint Property

49
50 (a) At seventy-five percent (75%) of current new price, as determined by Paragraph A, if Material was
51 originally charged to the Joint Account as new Material or

52
53 (b) At sixty-five percent (65%) of current new price, as determined by Paragraph A, if Material was
54 originally charged to the Joint Account as used Material.

55
56 (3) Material not used on and moved from the Joint Property

57
58 At seventy-five percent (75%) of current new price as determined by Paragraph A.

59
60 The cost of reconditioning, if any, shall be absorbed by the transferring property.

61
62 C. Other Used Material

63
64 (1) Condition C

65
66 Material which is not in sound and serviceable condition and not suitable for its original function until
67 after reconditioning shall be priced at fifty percent (50%) of current new price as determined by
68 Paragraph A. The cost of reconditioning shall be charged to the receiving property, provided Condition
69 C value plus cost of reconditioning does not exceed Condition B value.

70

1 (2) Condition D

2
3 Material, excluding junk, no longer suitable for its original purpose, but usable for some other purpose
4 shall be priced on a basis commensurate with its use. Operator may dispose of Condition D Material
5 under procedures normally used by Operator without prior approval of Non-Operators.
6

7 (a) Casing, tubing, or drill pipe used as line pipe shall be priced as Grade A and B seamless line pipe
8 of comparable size and weight. Used casing, tubing or drill pipe utilized as line pipe shall be
9 priced at used line pipe prices.
10

11 (b) Casing, tubing or drill pipe used as higher pressure service lines than standard line pipe, e.g.
12 power oil lines, shall be priced under normal pricing procedures for casing, tubing, or drill pipe.
13 Upset tubular goods shall be priced on a non upset basis.
14

15 (3) Condition E

16
17 Junk shall be priced at prevailing prices. Operator may dispose of Condition E Material under
18 procedures normally utilized by Operator without prior approval of Non-Operators.
19

20 D. Obsolete Material

21
22 Material which is serviceable and usable for its original function but condition and/or value of such Material
23 is not equivalent to that which would justify a price as provided above may be specially priced as agreed to by
24 the Parties. Such price should result in the Joint Account being charged with the value of the service
25 rendered by such Material.
26

27 E. Pricing Conditions

28
29 (1) Loading or unloading costs may be charged to the Joint Account at the rate of twenty-five cents (25¢)
30 per hundred weight on all tubular goods movements, in lieu of actual loading or unloading costs
31 sustained at the stocking point. The above rate shall be adjusted as of the first day of April each year
32 following January 1, 1985 by the same percentage increase or decrease used to adjust overhead rates in
33 Section III, Paragraph 1.A.(3). Each year, the rate calculated shall be rounded to the nearest cent and
34 shall be the rate in effect until the first day of April next year. Such rate shall be published each year
35 by the Council of Petroleum Accountants Societies.
36

37 (2) Material involving erection costs shall be charged at applicable percentage of the current knocked-down
38 price of new Material.
39

40 3. Premium Prices

41
42 Whenever Material is not readily obtainable at published or listed prices because of national emergencies, strikes or other
43 unusual causes over which the Operator has no control, the Operator may charge the Joint Account for the required
44 Material at the Operator's actual cost incurred in providing such Material, in making it suitable for use, and in moving it
45 to the Joint Property; provided notice in writing is furnished to Non-Operators of the proposed charge prior to billing
46 Non-Operators for such Material. Each Non-Operator shall have the right, by so electing and notifying Operator within
47 ten days after receiving notice from Operator, to furnish in kind all or part of his share of such Material suitable for use
48 and acceptable to Operator.
49

50 4. Warranty of Material Furnished By Operator

51
52 Operator does not warrant the Material furnished. In case of defective Material, credit shall not be passed to the Joint
53 Account until adjustment has been received by Operator from the manufacturers or their agents.
54

55 V. INVENTORIES

56
57
58 The Operator shall maintain detailed records of Controllable Material.
59

60 1. Periodic Inventories, Notice and Representation

61
62 At reasonable intervals, inventories shall be taken by Operator of the Joint Account Controllable Material. Written notice
63 of intention to take inventory shall be given by Operator at least thirty (30) days before any inventory is to begin so that
64 Non-Operators may be represented when any inventory is taken. Failure of Non-Operators to be represented at an
65 inventory shall bind Non-Operators to accept the inventory taken by Operator.
66

67 2. Reconciliation and Adjustment of Inventories

68
69 Adjustments to the Joint Account resulting from the reconciliation of a physical inventory shall be made within six
70 months following the taking of the inventory. Inventory adjustments shall be made by Operator to the Joint Account for

1 overages and shortages, but, Operator shall be held accountable only for shortages due to lack of reasonable diligence.
2

3 **3. Special Inventories**
4

5 Special inventories may be taken whenever there is any sale, change of interest, or change of Operator in the Joint
6 Property. It shall be the duty of the party selling to notify all other Parties as quickly as possible after the transfer of
7 interest takes place. In such cases, both the seller and the purchaser shall be governed by such inventory. In cases
8 involving a change of Operator, all Parties shall be governed by such inventory.
9

10 **4. Expense of Conducting Inventories**
11

12 A. The expense of conducting periodic inventories shall not be charged to the Joint Account unless agreed to by the
13 Parties.
14

15 B. The expense of conducting special inventories shall be charged to the Parties requesting such inventories, except
16 inventories required due to change of Operator shall be charged to the Joint Account.
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EXHIBIT "E"

ATTACHED TO AND MADE A PART OF THAT CERTAIN UNIT OPERATING AGREEMENT DATED _____, 1993 IDENTIFIED AS THE BURCH-KEELY UNIT

INSURANCE

Operation shall, at the joint expense of the parties hereto at all times while operations are conducted hereunder, provide with responsible insurance companies, insurance as follows:

- a. Workmen's Compensation Insurance in accordance with the laws of the state in which the operating area is located, and Employer's Liability Insurance with limits of not less than \$100,000.00;
- b. Public Liability Insurance with respect to bodily injuries with limits of not less than \$100,000.00 as to any one person and \$300,000.00 as to any one accident; and Property Damage Liability Insurance with limits of not less than \$100,000.00 as to any one accident;
- c. Automobile Public Liability Insurance with respect to bodily injuries with limits of not less than \$100,000.00 as to any one person and \$500,000.00 as to any one accident; also, Automobile Public Liability Insurance with respect to Property Damage with limits of not less than \$100,000.00 as to any one accident; and
- d. Umbrella Liability with respect to excess over minimum scheduled liability policies of \$1,000,000.00.

Operator shall not provide, for the joint account of the parties hereto, insurance against the hazards of fire, windstorm, explosion, blowout, cratering, reservoir damage, pollution damage, or insurance other than that specified above.

It is understood that Operator does not warrant the financial responsibility of its insurance carrier, and except for willful negligence, Operator shall not be liable to Non-Operators for any loss resulting from insufficiency of the insurance carried, or of the insurer with whom carried. Operator shall not be liable to Non-Operators for any loss accruing by reason of the Operator's inability to obtain or maintain the above insurance, but Operator shall notify Non-Operators in writing, if it is unable to obtain or maintain such insurance.

EXHIBIT "F"

ATTACHED TO AND MADE A PART OF THAT CERTAIN UNIT OPERATING AGREEMENT DATED _____, 1993 IDENTIFIED AS THE BURCH-KEELY UNIT

Operator shall comply where applicable with the following clauses contained in 41 CFR:

- 60-1.4(a) (Equal Employment Opportunity);
- 1-12.803-10 (certification of non-segregated facilities);
- 60-250 (employment opportunity for veterans);
- 60-741 (employment opportunities for handicapped individuals);
- 1-1.710 (subcontracting with small business concerns);
- 1-1.805 (subcontracting with labor surplus area concerns);
- 1-1.1310 (subcontracting with minority business enterprises); and
- 1-1.2303-2 (environmental protection).

These clauses are incorporated herein by reference if and to the extent applicable to this contract by law, executive order, or regulation. Operator represents that he is in compliance with the reporting requirements of 41 CFR 60-1.7 and the Affirmative Action Program requirements of 41 CFR 60-1.40 and 60-2.

DOCKET: EXAMINER HEARING - THURSDAY - AUGUST 26, 1993
8:15 A.M. - MORGAN HALL, STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO

Dockets Nos. 26-93 and 27-93 are tentatively set for September 9, 1993 and September 23, 1993. Applications for hearing must be filed at least 23 days in advance of hearing date.

The following cases will be heard before Michael E. Stogner, Examiner or David R. Catanach, Alternate Examiner:

CASE 10687: (Continued from August 12, 1993, Examiner Hearing.)

Application of Mewbourne Oil Company for compulsory pooling, Eddy County, New Mexico. Applicant seeks an order pooling all mineral interests from 500 feet below the top of the San Andres formation to the base of the Morrow formation underlying the following described areas in Section 17, Township 18 South, Range 28 East, and in the following manner: the E/2 forming a standard 320-acre gas spacing and proration unit for any and all formations and/or pools developed on 320-acre spacing within said vertical extent; and the SE/4 forming a standard 160-acre gas spacing and proration unit for any and all formations and/or pools developed on 160-acre spacing within said vertical extent. Said unit is to be dedicated to its Illinois Camp "17" State Well No. 2, to be drilled at a standard location within said E/2 proration unit. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well. Said unit is located approximately 2 miles north of Illinois Camp.

CASE 10688: (Continued from July 15, 1993, Examiner Hearing.)

Application of Mewbourne Oil Company for compulsory pooling, Eddy County, New Mexico. Applicant seeks an order pooling all mineral interests from the base of the Abo formation to the base of the Morrow formation underlying the following described areas in Section 31, Township 17 South, Range 28 East, and in the following manner: the S/2 forming a standard 320-acre gas spacing and proration unit for any and all formations and/or pools developed on 320-acre spacing within said vertical extent; the SE/4 forming a standard 160-acre gas spacing and proration unit for any and all formations and/or pools developed on 160-acre spacing within said vertical extent; and the SW/4 SE/4 forming a standard 40-acre oil spacing and proration unit for any and all formations and/or pools developed on 40-acre spacing within said vertical extent. Said unit is to be dedicated to its Chalk Bluff "31" State Well No. 1, to be drilled at a standard location within said S/2 proration unit. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well. Said unit is located approximately 1 mile southwest of the Baylor Triangulation Station.

CASE 10760: (Continued from July 29, 1993, Examiner Hearing.)

Application of Breck Operating Corporation for compulsory pooling, San Juan County, New Mexico. Applicant seeks an order pooling all mineral interests in the Basin-Fruitland Coal Gas Pool underlying the W/2 of Section 20, Township 28 North, Range 10 West, forming a standard 320-acre gas spacing and proration unit for said pool developed within said vertical extent. Said unit is to be dedicated to its Kutz-Government Well No. 9, recompleted at an approved unorthodox location within said W/2 proration unit. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as the operator of the well and a charge for risk involved in drilling and completing said well. Said well is located approximately 5 miles southeast of Bloomfield, New Mexico.

CASE 10800: **Application of Merrion Oil & Gas Corporation for compulsory pooling, San Juan County, New Mexico.** Applicant seeks an order pooling all mineral interests from the surface to the base of the Basin-Fruitland Coal (Gas) formation, underlying the E/2 of Section 26, Township 26 North, Range 13 West, forming a standard 320-acre coal gas spacing and proration unit for any and all formations and/or pools developed on 320-acre spacing within said vertical extent, including the Basin-Fruitland Coal Gas Pool. Said unit is to be dedicated to its Serendipity Well No. 1 to be recompleted at a standard coal gas well location 1650 feet from the South line and 2310 feet from the East line of said Section 26. Also to be considered will be the cost of recompleting said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as the operator of the well and a charge for risk involved in recompleting said well. Said well is located approximately 3 miles southeast of the Chaco Gas Plant.

CASE 10801: Application of Merrion Oil & Gas Corporation for compulsory pooling, San Juan County, New Mexico. Applicant seeks an order pooling all mineral interests from the surface to the base of the Fruitland Sand formation, underlying the SW/4 of Section 22, Township 30 North, Range 12 West, forming a standard 160-acre gas spacing and proration unit for any and all formations and/or pools developed on 160-acre spacing within said vertical extent. Said unit is to be dedicated to its Osborn Well No. 1 to be recompleted at a standard gas well location 790 feet from the South line and 900 feet from the West line of said Section 22. Also to be considered will be the cost of recompleting said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as the operator of the well and a charge for risk involved in recompleting said well. Said well is located near Flora Vista, New Mexico.

CASE 10802: Application of Phillips Petroleum Company for an unorthodox oil well location, Eddy County, New Mexico. Applicant seeks approval of an unorthodox subsurface oil well location for its James "E" Federal Well No. 8 which was directionally drilled to an unorthodox subsurface location being a point at the top of the Cherry Canyon Formation 1970 feet from the South line and 1030 feet from the East line (Unit D) of Section 11, Township 22 South, Range 30 East, Cabin Lake-Delaware Pool. The NE/4 SE/4 of said Section 11 is to be dedicated to said well forming a standard 40-acre oil spacing unit. Said unit is located approximately 22 miles east of Carlsbad, New Mexico.

**CASES 10745
and 10754:** (Reopened)

Application of Meridian Oil Inc. to amend Division Order No. R-9920 and to reopen Cases 10754 and 10745, San Juan and Rio Arriba Counties, New Mexico. Applicant seeks to amend Division Order No. R-9920, dated July 9, 1993, entered in Cases 10721, 10722, 10723, 10724, and 10725 and to Reopen Cases 10745 and 10754 in order to present additional evidence. Specifically, applicant seeks to amend those provisions of Order No. R-9920 which established an economic limit for downhole commingling of production in certain wells in the Pictured Cliffs formation and the Basin-Fruitland Coal Gas Pool and to have said amendments applied to orders to be issued in Cases 10745 and 10754. These cases involve a total of seven wells located and described in Division Examiner dockets of April 22, 1993 and July 1, 1993.

CASE 10803: Application of Texaco Exploration and Production, Inc. for an unorthodox gas well location, Eddy County, New Mexico. Applicant seeks approval to drill its Dow "B" 33 Federal Well No. 2 as a gas well at an unorthodox location 660 feet from the North line and 2310 feet from the West line (Unit C) of Section 33, Township 17 South, Range 31 East, to test the Morrow formation. The W/2 of said Section 33 is to be dedicated to the well. Applicant further requests approval of the unorthodox location as to all prospective pools or formations including but not limited to the Morrow formation. Said well is located approximately 4 1/2 miles south of Maljamar, New Mexico.

CASE 10804: Application of Collins & Ware, Inc. for special pool rules, Eddy County, New Mexico. Applicant seeks the promulgation of special pool rules for the Happy Valley-Delaware Pool, located in the NE/4 NW/4 of Section 33, Township 22 South, Range 26 East, including a provision for a gas-oil ratio limitation of 10,000 cubic feet of gas per barrel of oil and a special oil allowable of 160 barrels per day. Said area is located approximately 5 miles southwest of Carlsbad, New Mexico.

CASE 10805: Application of Collins & Ware, Inc. for an unorthodox gas well location and simultaneous dedication, Eddy County, New Mexico. Applicant seeks approval of an unorthodox gas well location 710 feet from the South and East lines (Unit P) of Section 25, Township 23 South, Range 28 East, South Culebra Bluff-Atoka Gas Pool. In addition, the applicant seeks an exception to Division General Rule 104(c)(2) to allow the existing 320-acre gas spacing and proration unit comprising the S/2 of said Section 25 to be simultaneously dedicated in this pool to the proposed well and to the existing Ray "25" Well No. 1 located at a standard gas well location 897 feet from the South line and 1980 feet from the West line (Unit N) of said Section 25. Said unit is located approximately 3.5 miles east by southeast of Loving, New Mexico.

CASE 10791: (Continued from August 12, 1993, Examiner Hearing.)

Application of Yates Petroleum Corporation for an unorthodox gas well location, Eddy County, New Mexico. Applicant seeks approval to drill its Beauregard ANP State Com Well No. I to the Morrow formation, Illinois Camp-Morrow Gas Pool, at an unorthodox gas well location 660 feet from the North line and 1980 feet from the East line (Unit B) of Section 14, Township 18 South, Range 27 East. The E/2 of said Section 14 is to be dedicated to the well. Applicant further requests approval of the unorthodox location as to all prospective pools or formations including but not limited to the Morrow spaced on 320 acres. Said well is located approximately 4 miles northeast of Illinois Camp.

CASE 10806: Application of Kinlaw Oil Corporation for a high angle/horizontal directional drilling pilot project, special operating rules therefor, a non-standard oil proration unit, an unorthodox well location, and a special project oil allowable, Lea County, New Mexico. Applicant seeks to initiate a horizontal drilling project in the Devonian formation, Denton-Devonian Pool, underlying the NE/4 SE/4 of Section 35 and the NW/4 SW/4 of Section 36, Township 15 South, Range 37 East, thereby creating a non-standard 80-acre oil spacing and proration unit for said pool. Applicant proposes to re-enter its Magnolia Petroleum New Mexico "M" Well No. 1 which is at an orthodox location 1980 feet from the South line and 660 feet from the West line (Unit L) of said Section 36, kick-off from vertical in a southwesterly direction commencing to build angle at an appropriate rate to vertically and horizontally traverse the proposed producing area. Applicant further seeks the adoption of special operating provisions and rules within the project area including the designation of a target window such that the horizontal or producing portion of the wellbore shall be no closer than 330 feet to any boundary of the proration unit, and for a special project allowable. Said project is located approximately 9 miles east by northeast of Lovington, New Mexico.

CASE 10807: Application of Kinlaw Oil Corporation for a high angle/horizontal directional drilling pilot project, special operating rules therefor, a non-standard oil proration unit, an unorthodox well location, and a special project oil allowable, Lea County, New Mexico. Applicant seeks to initiate a horizontal drilling project in the Devonian formation, Denton-Devonian Pool underlying the SE/4 SE/4 of Section 35 and the SW/4 SW/4 of Section 36, Township 15 South, Range 37 East, thereby creating a non-standard 80-acre oil spacing and proration unit for said pool. Applicant proposes to re-enter its Shell Oil Company State "SDA" Well No. 1 which is at an orthodox location 660 feet from the South and West lines (Unit M) of said Section 36, kick-off from vertical in a northwesterly direction commencing to build angle at an appropriate rate to vertically and horizontally traverse the proposed producing area. Applicant further seeks the adoption of special operating provisions and rules within the project area including the designation of a target window such that the horizontal or producing portion of the wellbore shall be no closer than 330 feet to any boundary of the proration unit, and for a special project allowable. Said project is located approximately 9 miles east by northeast of Lovington, New Mexico.

CASE 10808: Application of Kinlaw Oil Corporation for a high angle/horizontal directional drilling pilot project and special operating rules therefor, Lea County, New Mexico. Applicant seeks to initiate a horizontal drilling project in the Devonian formation, Denton-Devonian Pool, underlying the SE/4 SW/4 of Section 36, Township 15 South, Range 37 East. Applicant proposes to re-enter its Shell Oil Company State "SDA" Well No. 2 which is at an orthodox location 660 feet from the South line and 1650 feet from the West line (Unit N) of said Section 36, kick-off from vertical in a southwesterly direction commencing to build angle at an appropriate rate to vertically and horizontally traverse the proposed producing area. Applicant further seeks the adoption of special operating provisions and rules within the project area including the designation of a target window such that the horizontal or producing portion of the wellbore shall be no closer than 330 feet to any boundary of the proration unit, and for a special project allowable. Said project is located approximately 10 miles east by northeast of Lovington, New Mexico.

CASE 10809: Application of Kinlaw Oil Corporation for a high angle/horizontal directional drilling pilot project, special operating rules therefor, a non-standard oil proration unit, an unorthodox well location, and a special project oil allowable, Lea County, New Mexico. Applicant seeks to initiate a horizontal drilling project in the Devonian formation, Denton-Devonian Pool, underlying the E/2 NE/4 of Section 5, Township 16 South, Range 38 East, thereby creating a non-standard 80-acre oil spacing and proration unit for said pool. Applicant proposes to re-enter its V.F. Petroleum Huber State Well No. 1 which is at an unorthodox surface location 330 feet from the North line and 1150 feet from the East line (Unit A) of said Section 5, kick-off from vertical in a southeasterly direction commencing to build angle at an appropriate rate to vertically and horizontally traverse the proposed producing area. Applicant further seeks the adoption of special operating provisions and rules within the project area including the designation of a target window such that the horizontal or producing portion of the wellbore shall be no closer than 330 feet to any boundary of the proration unit, and for a special project allowable. Said project is located approximately 2 miles east of Hobbs Army Airfield Aux. #1.

CASE 10717: (Continued from July 29, 1993, Examiner Hearing.)

Application of Davcro Inc. for salt water disposal, Lea County, New Mexico. Applicant seeks authority to re-enter the previously plugged and abandoned Cactus Drilling Corporation Sawyer Deep Well No. 1 located 330 feet from the South line and 2310 feet from the West line (Unit N) of Section 19, Township 9 South, Range 38 East, and utilize said well to dispose of produced salt water into the Sawyer-San Andres Associated Pool through the open-hole interval from approximately 5120 feet to 5600 feet. Said well is located approximately 4.5 miles east of Crossroads, New Mexico.

CASE 10749: (Continued from July 29, 1993, Examiner Hearing.)

Application of Devon Energy Corporation for pool creation and special pool rules, Eddy County, New Mexico. Applicant seeks the promulgation of special rules for the Ingle Wells-Delaware Pool located in portions of Sections 26 and 35 of Township 23 South, Range 31 East and in a portion of Section 2, Township 24 South, Range 31 East, including a provision for a gas-oil limitation of 5000 cubic feet of gas per barrel of oil. Said area is located approximately 2 miles west of mile marker 19 on highway 128.

CASE 10810: **Application of Marbob Energy Corporation for statutory unitization, Eddy County, New Mexico.** Applicant seeks an order unitizing, for the purpose of establishing a secondary recovery project, all mineral interests in the Grayburg-Jackson Pool, Seven Rivers, Queen, Grayburg and San Andres formations, underlying 5149.44 acres, more or less, of federal land comprising portions of Township 17 South, Ranges 29 and 30 East, to be designated the Burch-Keely Unit Area. To be considered will be those matters required by the New Mexico Statutory Unitization Act, Subsection 70-7-1 et seq., N.M.S.A. 1978, and other provisions of the unit agreement and unit operating agreement. Said unit area is located near Loco Hills, New Mexico.

CASE 10513: (Continued from July 15, 1993, Examiner Hearing.)

Application of Hanley Petroleum Inc. for determination of reasonable well costs, Lea County, New Mexico. Applicant, in the above-styled cause, as a working interest owner in the Santa Fe Energy Operating Partners, L.P. Kachina "8" Federal Well No. 2 located 1830 feet from the North line and 660 feet from the West line (Unit E) of Section 8, Township 18 South, Range 33 East, South Corbin-Wolfcamp Pool, which was drilled pursuant to the compulsory pooling provisions of Division Order Nos. R-9480, R-9480-A, and R-9480-B, all entered in Case Nos. 10211 and 10219, and to which is dedicated the W/2 NW/4 (Units D and E) of said Section 8, seeks an order ascertaining the reasonableness of actual well costs for the subject well. Said unit is located approximately 7.5 miles southeast by south of Maljamar, New Mexico.

CASE 10772: (Continued from August 12, 1993, Examiner Hearing.)

Application of Barber Oil Inc. for salt water disposal, Eddy County, New Mexico. Applicant seeks authority to utilize its Stovall-Wood Well No. 5 located 880 feet from the North line and 1580 feet from the West line (Unit C) of Section 20, Township 20 South, Range 30 East, to dispose of produced salt water into the Rustler Lime formation through the perforated interval from approximately 195 feet to 255 feet. Said well is located 2 miles northeast of the National Potash Company Mine.

CASE 10766: (Continued from August 12, 1993, Examiner Hearing.)

Application of David H. Arrington Oil & Gas Inc. for an unorthodox gas well location and non-standard gas spacing unit, Lea County, New Mexico. Applicant seeks authorization to drill a well at an unorthodox location 1980 feet from the North line and 1650 feet from the West line (Unit F) of Section 11, Township 21 South, Range 36 East, Eumont Gas Pool. Applicant also seeks authority to dedicate a non-standard spacing unit comprised of the SE/4 NW/4, S/2 NE/4 and the NW/4 SE/4 of said Section 11 to said well. Said unit is located approximately 1 mile east of Oil Center, New Mexico.

CASE 10795: (Continued from August 12, 1993, Examiner Hearing.)

Application of David H. Arrington Oil & Gas Inc. for an unorthodox gas well location and a non-standard spacing unit, Lea County, New Mexico. Applicant seeks authorization to drill its Foster Well No. 3 in the Eumont Gas Pool at an unorthodox gas well location 330 feet from the South and East lines (Unit P) of Section 34, Township 19 South, Range 36 East, to be dedicated to a non-standard 160-acre gas proration unit comprising the S/2 S/2 of said Section 34. Said area is approximately 1 mile northwest of the Warren Gas Co. Compressor Station.