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MAY 16 1939

CERTIFICATION - DETERMINATION

U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

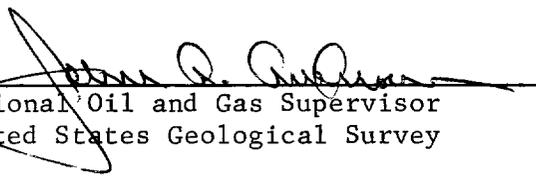
Pursuant to the authority vested in the Secretary of Interior, under the act approved February 25, 1920, 41 Stat. 437, as amended, 30 U. S. C. secs. 181, et seq., and delegated to the Oil and Gas Supervisor of the Geological Survey (33 F.R. 5812), I do hereby:

A. Approve the attached agreement for the development and operation of the BLACK RIVER UNIT AREA, State of New Mexico.

B. Certify and determine that the unit plan of development and operation contemplated in the attached agreement is necessary and advisable in the public interest for the purpose of more properly conserving the natural resources.

C. Certify and determine that the drilling, producing, rental, minimum royalty, and royalty requirements of all Federal leases committed to said agreement are hereby established, altered, changed, or revoked to conform with the terms and conditions of this agreement.

Dated May 27 1939.


Regional Oil and Gas Supervisor
United States Geological Survey

Contract Number 4-10-11-1971

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MAY 16 1969

U. S. GEOLOGICAL SURVEY
ROS WELL, NEW MEXICO

UNIT AGREEMENT

BLACK RIVER UNIT AREA

EDDY COUNTY, NEW MEXICO

UNIT AGREEMENT
BLACK RIVER UNIT AREA
EDDY COUNTY, NEW MEXICO

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UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
BLACK RIVER UNIT AREA, EDDY COUNTY, NEW MEXICO

NO. 14-00-0021-11571

THIS AGREEMENT entered into as of the 15th day of January, 1969, by and between the parties subscribing, ratifying, or consenting hereto, and herein referred to as the "parties hereto",

W I T N E S S E T H :

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., authorizes 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 Commissioner of Public Lands of the State of New Mexico is authorized by an Act of the Legislature (Sec. 7-11-39 N.M. Statutes 1953 Annotated) to consent to or approve this agreement on behalf of the State of New Mexico, insofar as it covers and includes lands and mineral interests of the State of New Mexico; and

WHEREAS, the Oil Conservation Commission of the State of New Mexico is authorized by an Act of the Legislature (Article 3, Chapter 65, Vol. 9, Part 2, 1953 Statutes), to approve this agreement and the conservation provisions hereof; and

WHEREAS, the parties hereto hold sufficient interests in the BLACK RIVER 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 interests in the below defined unit area, and agree severally among themselves as follows:

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 State of New Mexico and privately owned lands, 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 of New Mexico are hereby accepted and made a part of this agreement.

2. UNIT AREA: The following described land is hereby designated and recognized as constituting the unit area:

Township 25 South, Range 23 East, N.M.P.M.

Section 34 - S $\frac{1}{2}$ and NE $\frac{1}{4}$

Section 35 - All

Section 36 - All

Township 25 South, Range 24 East, N.M.P.M.

Section 31 - All

Township 26 South, Range 23 East, N.M.P.M.

Section 1 - All

Section 2 - All

Section 3 - All

Section 4 - All

Section 5 - All

Section 6 - E $\frac{1}{2}$ and SW $\frac{1}{4}$

Section 7 - All

Section 8 - All

Section 9 - All

Section 10 - All

Section 11 - All

Section 12 - All

Section 13 - All

Section 14 - All

Section 15 - All

Section 16 - All

Township 26 South, Range 24 East, N.M.P.M.

Section 6 - All

Section 7 - All

Section 18 - All

Containing 15,292.85 acres, more or less.

EXHIBIT "A" attached hereto is a map showing the unit area and the boundaries and identity of tracts and leases in said area to the extent known to the Unit Operator. EXHIBIT "B" attached hereto is a schedule

showing to the extent known to the Unit Operator the acreage, percentage and kind of ownership of oil and gas interests in all land in the unit area. 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. Exhibits "A" and "B" shall be revised by the Unit Operator whenever changes in the unit area render such revision necessary, or when requested by the Oil and Gas Supervisor, hereinafter referred to as "Supervisor", or when requested by the Commissioner of Public Lands of the State of New Mexico, hereinafter referred to as "Commissioner", and not less than seven copies of the revised exhibits shall be filed with the Supervisor, and two copies thereof shall be filed with the Commissioner, and one copy with the New Mexico Oil Conservation Commission, hereinafter referred to as "Commission".

The above described unit area shall, when practicable, be expanded to include therein any additional tract or tracts regarded as reasonably necessary or advisable for the purposes of this agreement, or shall be contracted to exclude lands not within any participating area whenever such expansion or contraction is necessary or advisable to conform with the purposes of this agreement. Such expansion or contraction shall be effected in the following manner:

(a) Unit Operator, on its own motion or on demand of the Director of the Geological Survey, hereinafter referred to as "Director", or on demand of the Commissioner, after preliminary concurrence by the Director, shall prepare a notice of proposed expansion or contraction describing the contemplated changes in the boundaries of the unit area, the reasons therefor, and the proposed effective date thereof, preferably the first day of a month subsequent to the date of notice.

(b) Said notice shall be delivered to the Supervisor, the Commissioner and the Commission and copies thereof mailed to the last known address of each working interest owner, lessee and lessor whose interests are affected, advising that 30 days will be allowed for submission to the Unit Operator of any objections.

(c) Upon expiration of the 30-day period provided in the pre-

ceding item (b) hereof, Unit Operator shall file with the Supervisor, the Commissioner and the Commission evidence of mailing of the notice of expansion or contraction and a copy of any objections thereto which have been filed with the Unit Operator, together with an application in sufficient number, for approval of such expansion or contraction and with appropriate joinders.

(d) After due consideration of all pertinent information, the expansion or contraction shall, upon approval by the Supervisor, the Commissioner and the Commission, become effective as of the date prescribed in the notice thereof.

(e) All legal subdivisions of lands (i.e. 40 acres by Government survey or its nearest lot or tract equivalent in instances of irregular surveys; however, unusually large lots or tracts shall be considered in multiples of 40 acres, or the nearest aliquot equivalent thereof), no parts of which are entitled to be in a participating area on or before the fifth anniversary of the effective date of the first initial participating area established under this unit agreement, shall be eliminated automatically from this agreement, effective as of said fifth anniversary. Such lands shall no longer be subject to this agreement, unless diligent drilling operations are in progress on unitized lands not entitled to participation on said fifth anniversary, in which event all such lands shall remain subject hereto for so long as such drilling operations are continued diligently, with not more than 90 days time elapsing between the completion of one such well and the commencement of the next such well. The time allowed for the commencement of the wells required by this section 2(e) shall expire 30 days after the expiration of any period of time during which drilling operations are prevented by a matter beyond the reasonable control of unit operator as set forth in the section hereof entitled "Unavoidable Delay". Determination of creditable "Unavoidable Delay" time shall be made by unit operator and subject to approval of the Supervisor and Commissioner. All legal subdivisions of lands not entitled to be in a participating area within 10 years after the effective date of the first initial participating area approved under this agreement shall be automatically eliminated from this agreement as of said tenth anniversary. All lands proved productive by diligent drilling operations after

the aforesaid 5-year period shall become participating in the same manner as during said 5-year period. However, when such diligent drilling operations cease, all nonparticipating lands shall be automatically eliminated effective as of the 91st day thereafter. The unit operator shall within 90 days after the effective date of any elimination hereunder, describe the area so eliminated to the satisfaction of the Supervisor and Commissioner and promptly notify all parties in interest. The Supervisor and Commissioner may modify the drilling requirements of this section by granting reasonable extensions of time when such action is warranted; however, such extensions of time shall be limited to a single extension.

If conditions warrant extension of the 10-year period specified in this subsection 2(e), a single extension of not to exceed 2 years may be accomplished by consent of the owners of 90 percent of working interests in the current nonparticipating unitized lands and the owners of 60 percent of basic royalty interests (exclusive of the basic royalty interests of the United States) of the nonparticipating unitized lands with approval of the Director and Commissioner, provided such extension application is submitted to the Director and Commissioner not later than 60 days prior to the expiration of said 10-year period.

Any expansion of the unit area pursuant to this section which embraces lands theretofore eliminated pursuant to this subsection 2(e) shall not be considered automatic commitment or recommitment of such lands.

3. UNITIZED LAND AND UNITIZED SUBSTANCES: All land committed to this agreement shall constitute land referred to herein as "unitized land" or "land subject to this agreement". All oil and gas in any and all formations of the unitized land are unitized under the terms of this agreement and herein are called "unitized substances".

4. UNIT OPERATOR: Monsanto Company with offices at Midland, Texas, is hereby designated as Unit Operator and by signature hereto as Unit Operator commits to this agreement all interests in unitized substances vested in it and agrees and consents to accept the duties and obligations of Unit Operator for the discovery, 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 owner of

an interest in unitized substances, and the term "working interest owner" when used herein shall include or refer to Unit Operator as the owner of a working interest when such an interest is owned by it.

5. RESIGNATION OR REMOVAL OF UNIT OPERATOR: Unit Operator shall have the right to resign at any time prior to the establishment of a participating area or areas hereunder, 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 months after notice of intention to resign has been served by Unit Operator on all working interest owners and the Supervisor, the Commissioner and Commission and until all wells then drilled hereunder are placed in a satisfactory condition for suspension or abandonment, whichever is required by the Supervisor as to Federal lands and by the Commission as to State and privately owned lands, unless a new unit operator shall have been selected and approved and shall have taken over and assumed the duties and obligations of Unit Operator prior to the expiration of said period.

Unit Operator shall have the right to resign in like manner and subject to like limitations, as above provided, at any time a participating area established hereunder is in existence, but in all instances of resignation or removal, until a successor unit operator is selected and approved as hereinafter provided, the working interest owners shall be jointly responsible for performance of the duties of unit operator, and shall not later than 30 days before such resignation or removal become effective appoint a common agent to represent them in any action to be taken hereunder.

The resignation of Unit Operator shall not release Unit Operator from any liability for any default by it hereunder occurring prior to the effective date of its resignation.

The Unit Operator may, upon default or failure in the performance of its duties or obligations hereunder, be subject to removal by the same percentage vote of the owners of working interests determined in like manner as herein provided for the selection of a new Unit Operator. Such removal shall be effective upon notice thereof to the Supervisor and the Commissioner.

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 equipment, materials and appurtenances used in conducting the unit operations and owned by the working interest owners to the new duly qualified successor Unit Operator or to the owners thereof if no such new Unit Operator is elected, to be used for the purpose of conducting unit operations hereunder. Nothing herein shall be construed as authorizing removal of any material, equipment and appurtenances needed for the preservation of any wells.

6. SUCCESSOR UNIT OPERATOR: Whenever the Unit Operator shall tender his or its resignation as Unit Operator or shall be removed as hereinabove provided, or a change of Unit Operator is negotiated by working interest owners, the owners of the working interests in the participating area or areas according to their respective acreage interests in such participating area or areas, or, until a participating area shall have been established, the owners of the working interests according to their respective acreage interests in all unitized land, shall by majority vote select a successor Unit Operator. Provided, that, if a majority but less than 75 percent of the working interests qualified to vote are owned by one party to this agreement, a concurring vote of one or more additional working interest owners shall be required to select a new operator. 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 filed with the Supervisor and approved by the Commissioner. If no successor Unit Operator is selected and qualified as herein provided, the Director and Commissioner at their election may declare this unit agreement terminated.

7. ACCOUNTING PROVISIONS AND UNIT OPERATING AGREEMENT: If the Unit Operator is not the sole owner of working interests, costs and expenses incurred by Unit Operator in conducting unit operations hereunder shall be paid and apportioned among and borne by the owners of working interests, all in accordance with the agreement or agreements entered into by and between the Unit Operator and the owners of working interests, whether one or more, separately or collectively. Any agreement or agreements entered into between

the working interest owners and the Unit Operator as provided in this section, whether one or more, are herein referred to as 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 independent contracts, and such other rights and obligations as between Unit Operator and the working interest owners as may be agreed upon by 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 unit agreement or to relieve the Unit Operator of any right or obligation established under this unit agreement, and in case of any inconsistency or conflict between the unit agreement and the unit operating agreement this unit agreement shall prevail. Three (3) true copies of any unit operating agreement executed pursuant to this section should be filed with the Supervisor and one (1) true copy with the Commissioner, prior to approval of this unit agreement by the Director.

8. 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 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. 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.

9. DRILLING TO DISCOVERY: Within six months after the effective date hereof, the Unit Operator shall begin to drill an adequate test well at a location approved by the Supervisor, if on Federal land, or by the Commissioner if on State land, unless on such effective date a well is being drilled

conformably with the terms hereof, and thereafter continue such drilling diligently until the Morrow formation has been tested or until at a lesser depth unitized substances shall be discovered which can be produced in paying quantities (to-wit: quantities sufficient to repay the costs of drilling and producing operations, with a reasonable profit) or the Unit Operator shall at any time establish to the satisfaction of the Supervisor if located on Federal lands, the Commissioner if located on State lands, or the Commission if located on fee lands, that further drilling of said well would be unwarranted or impracticable; provided, however, that Unit Operator shall not in any event be required to drill said well to a depth in excess of 7,900 feet. Until the discovery of a deposit of unitized substances capable of being produced in paying quantities, the Unit Operator shall continue drilling diligently one well at a time, allowing not more than six months between the completion of one well and the beginning of the next well, until a well capable of producing unitized substances in paying quantities is completed to the satisfaction of the Supervisor if on Federal lands, or the Commissioner if on State lands, or until it is reasonably proved that the unitized land is incapable of producing unitized substances in paying quantities in the formations drilled hereunder. Nothing in this section shall be deemed to limit the right of the Unit Operator to resign as provided in Section 5 hereof, or as requiring Unit Operator to commence or continue any drilling during the period pending such resignation becoming effective in order to comply with the requirements of this section. The Supervisor and Commissioner may modify the drilling requirements of this section by granting reasonable extensions of time when, in their opinion, such action is warranted.

Upon failure to commence any well provided for in this section within the time allowed, including any extension of time granted by the Supervisor and Commissioner, this agreement will automatically terminate; upon failure to continue drilling diligently any well commenced hereunder, the Supervisor and Commissioner may, after 15 days notice to the Unit Operator, declare this unit agreement terminated.

10. PLAN OF FURTHER DEVELOPMENT AND OPERATION: Within six months after completion of a well capable of producing unitized substances in paying quantities, the Unit Operator shall submit for the approval of the Supervisor and the Commissioner an acceptable plan of development and operation for the

unitized land which, when approved by the Supervisor and the Commissioner, shall constitute the further drilling and operating obligations of the Unit Operator under this agreement for the period specified herein. Thereafter, from time to time before the expiration of any existing plan, the Unit Operator shall submit for the approval of the Supervisor, Commissioner, and the Commission a plan for an additional specified period for the development and operation of the unitized land.

Any plan submitted pursuant to this section shall provide for the exploration of the unitized area and for the diligent drilling necessary for determination of the area or areas thereof capable of producing unitized substances in paying quantities in each and every productive formation and shall be as complete and adequate as the Supervisor and the Commissioner may determine to be necessary for timely development and proper conservation of the oil and gas resources of the unitized area and shall:

(a) specify the number and location of wells to be drilled and the proposed order and time for such drilling; and

(b) to the extent practicable, specify the operating practices regarded as necessary and advisable for proper conservation of natural resources.

Separate plans may be submitted for separate productive zones, subject to the approval of the Supervisor, Commissioner, and the Commission.

Plans shall be modified or supplemented when necessary to meet changed conditions or to protect the interests of all parties to this agreement. Reasonable diligence shall be exercised in complying with the obligations of the approved plan of development. The Supervisor and Commissioner are authorized to grant a reasonable extension of the six month period herein prescribed for submission of an initial plan of development where such action is justified because of unusual conditions or circumstances. After completion hereunder of a well capable of producing unitized substances in paying quantities, no further wells, except such as may be necessary to afford protection against operations not under this agreement or such as may be specifically approved by the Supervisor and the Commissioner shall be drilled except in accordance with a plan of development approved as herein provided.

11. PARTICIPATION AFTER DISCOVERY: Upon completion of a well capable of producing unitized substances in paying quantities, the Unit Operator shall, within the month of such completion, if practicable, or as soon thereafter as

required by the Supervisor or the Commissioner submit for approval by the Supervisor, Commissioner, and the Commission, a schedule, based on subdivisions of the public land survey or aliquot parts thereof, of all unitized land then regarded as reasonably proved to be productive of unitized substances in paying quantities; all lands in said schedule on approval of the Supervisor, Commissioner, and the Commission to constitute a participating area, effective as of the date of completion of such well or the effective date of the unit agreement, whichever is later. The acreages of both Federal and non-Federal lands shall be based upon appropriate computations from the courses and distances shown on the last approved public land survey as of the effective date of each initial participating area. Said schedule shall also set forth the percentage of unitized substances to be allocated as herein provided to each unitized tract in the participating area so established, and shall govern the allocation of production from and after the date the participating area becomes effective. A separate participating area shall be established in like manner for each separate pool or deposit of unitized substances or for any group thereof produced as a single pool or zone, and any two or more participating areas so established may be combined into one with the consent of the owners of all working interests in the lands within the participating areas so to be combined, on approval of the Director, Commissioner, and the Commission. The participating area or areas so established shall be revised from time to time, subject to like approval, whenever such action appears proper as a result of further drilling operations or otherwise, to include additional land then regarded as reasonably proved to be productive in paying quantities, or to exclude land then regarded as reasonably proved not to be productive in paying quantities and the schedule of allocation percentages shall be revised accordingly. The effective date of any revision shall be the first of the month in which is obtained the knowledge or information on which such revision is predicated; provided, however, that a more appropriate effective date may be used if justified by the Unit Operator and approved by the Supervisor, Commissioner, and the Commission. No land shall be excluded from a participating area on account of depletion of the unitized substances.

It is the intent of this section that a participating area shall represent the area known or reasonably estimated to be productive in paying quantities; but, regardless of any revision of the participating area, nothing

herein contained shall be construed as requiring any retroactive adjustment for production obtained prior to the effective date of the revision of the participating area.

In the absence of agreement at any time between the Unit Operator and the Supervisor, Commissioner, and the Commission as to the proper definition or re-definition of a participating area, or until a participating area has, or areas have, been established as provided herein, the portion of all payments affected thereby may be impounded in a manner mutually acceptable to the owners of working interests, the Supervisor and the Commissioner. Royalties due the United States and the State of New Mexico, which shall be determined by the Supervisor for Federal land and the Commissioner for State land and the amount thereof shall be deposited, as directed by the Supervisor and the Commissioner respectively, to be held as unearned money until a participating area is finally approved and then applied as earned or returned in accordance with a determination of the sum due as Federal and State royalty on the basis of such approved participating area.

Whenever it is determined, subject to the approval of the Supervisor as to wells drilled on Federal land, the Commissioner as to wells drilled on State land, and the Commission as to wells drilled on fee land, that a well drilled under this agreement is not capable of production in paying quantities and inclusion of the land on which it is situated in a participating area is unwarranted, production from such well shall, for the purposes of settlement among all parties other than working interest owners, be allocated to the spacing unit on which the well is located, unless such spacing is within the participating area established for the pool or deposit from which such production is obtained. Settlement for working interest benefits from such a well shall be made as provided in the unit operating agreement.

12. ALLOCATION OF PRODUCTION: All unitized substances produced from each participating area established under this agreement, except any part thereof used in conformity with good operating practices within the unitized area for drilling, operating, camp and other production or development purposes, for repressuring or recycling in accordance with a plan of development approved by the Supervisor, Commissioner, and Commission, or unavoidably lost, shall be deemed to be produced equally on an acreage basis from the several tracts of unitized land of the participating area established for such production and,

for the purpose of determining any benefits accruing under this agreement, each such tract of unitized land shall have allocated to it such percentage of said production as the number of acres of such tract included in said participating area bears to the total acres of unitized land in said participating area, except that allocation of production hereunder for purposes other than for settlement of the royalty, overriding royalty, or payment out of production obligations of the respective working interest owners, shall be on the basis prescribed in the unit operating agreement whether in conformity with the basis of allocation herein set forth or otherwise. It is hereby agreed that production of unitized substances from a participating area shall be allocated as provided herein regardless of whether any wells are drilled on any particular part or tract of said participating area. If any gas produced from one participating area is used for repressuring or recycling purposes in another participating area, the first gas withdrawn from such last mentioned participating area for sale during the life of this agreement shall be considered to be the gas so transferred until an amount equal to that transferred shall be so produced for sale and such gas shall be allocated to the participating area from which initially produced as constituted at the time of such final production.

13. DEVELOPMENT OR OPERATION OF NON-PARTICIPATING LAND OR FORMATIONS:

Any party hereto owning or controlling the working interest in any unitized land having thereon a regular well location may, with the approval of the Supervisor as to Federal land, the Commissioner as to State land, or the Commission as to privately owned land, at such party's sole risk, cost and expense, drill a well to test any formation for which a participating area has not been established or to test any formation for which a participating area has been established if such location is not within said participating area, unless within 90 days of receipt of notice from said party of his intention to drill the well the Unit Operator elects and commences to drill such a well in like manner as other wells are drilled by the Unit Operator under this agreement.

If any well drilled as aforesaid by a working interest owner results in production such that the land upon which it is situated may properly be included in a participating area, such participating area shall be established or enlarged as provided in this agreement and the well shall thereafter be operated by the Unit Operator in accordance with the terms of this agreement and the unit operating agreement.

If any well drilled as aforesaid by a working interest owner obtains production in quantities insufficient to justify the inclusion in a participating area of the land upon which such well is situated, such well may be operated and produced by the party drilling the same subject to the conservation requirements of this agreement. The royalties in amount or value of production from any such well shall be paid as specified in the underlying lease and agreements affected.

14. ROYALTY SETTLEMENT: The United States and any State and all royalty owners who, under existing contracts, are entitled to take in kind a share of the substances now unitized hereunder produced from any tract, shall hereafter be entitled to the right to take in kind their share of the unitized substances allocated to such tract, and Unit Operator, or in the case of the operation of a well by a working interest owner as herein in special cases provided for, such working interest owner, shall make deliveries of such royalty share taken in kind in conformity with the applicable contracts, laws and regulations. Settlement for royalty interest not taken in kind shall be made by working interest owners 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 royalties due under their leases.

If gas obtained from lands not subject to this agreement is introduced into any participating area hereunder, for use in repressuring, stimulation of production, or increasing ultimate recovery, which shall be in conformity with a plan first approved by the Supervisor and the Commissioner, a like amount of gas, after settlement as herein provided for any gas transferred from any other participating area and with due allowance for loss or depletion from any cause, may be withdrawn from the formation into which the gas was introduced, royalty free as to dry gas, but not as to the products extracted therefrom; provided that such withdrawal shall be at such time as may be provided in the plan of operations or as may otherwise be consented to by the Supervisor, the Commissioner, and the Commission as conforming to good petroleum engineering

practice; and provided further that such right of withdrawal shall terminate on the termination of this unit agreement.

Royalty due the United States shall be computed as provided in the operating regulations and paid in value or delivered in kind as to all unitized substances on the basis of the amounts thereof allocated to unitized Federal land as provided herein at the rates specified in the respective Federal leases, or at such lower rate or rates as may be authorized by law or regulation; provided, that for leases on which the royalty rate depends on the daily average production per well, said average production shall be determined in accordance with the operating regulations as though each participating area were a single consolidated lease.

Royalty due on account of State lands shall be computed and paid on the basis of all unitized substances allocated to such lands.

15. RENTAL SETTLEMENT: Rental or minimum royalties due on 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 or minimum royalty for lands of the United States subject to this agreement shall be paid at the rate specified in the respective leases from the United States unless such rental or minimum royalty is waived, suspended or reduced by law or by approval of the Secretary or his duly authorized representative.

Rentals on State of New Mexico lands subject to this agreement shall be paid at the rates specified in the respective leases.

With respect to any lease on other than Federal or State land containing provisions which would terminate such lease unless drilling operations were within the time therein specified commenced upon the land covered thereby or rentals paid for the privilege of deferring such drilling operations, the rentals required thereby shall, notwithstanding any other provisions of this agreement, be deemed to accrue and become payable during the term thereof as extended by this agreement and until the required drilling operations are commenced upon the land covered thereby or some portion of such land is included within a participating area.

16. 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 State or Federal law or regulation.

17. DRAINAGE: The Unit Operator shall take such measures as the Supervisor and Commissioner deem appropriate and adequate to prevent drainage of unitized substances from unitized land by wells on land not subject to this agreement, or, with prior consent of the Director and the Commissioner, pursuant to applicable regulations pay a fair and reasonable compensatory royalty, as determined by the Supervisor as to Federal lands and by the Commissioner as to State lands.

18. 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 as to Federal leases and the Commissioner as to State leases shall and each by his approval hereof, or by the approval hereof by his duly authorized representative, does hereby establish, alter, change, or revoke the drilling, producing, rental, minimum royalty and royalty requirements of Federal and State leases committed hereto and the regulations in respect thereto to conform said requirements to the provisions of this agreement, and, 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 and every separately owned tract subject to this agreement, regardless of whether there is any development of any particular tract of the unit area.

(b) Drilling and producing operations performed hereunder upon any tract of unitized land will be accepted and deemed to be performed upon and for the benefit of each and every tract of unitized land, 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 on all unitized

land pursuant to direction or consent of the Secretary and the Commissioner, or their duly authorized representatives, shall be deemed to constitute such suspension pursuant to such direction or consent as to each and every tract of unitized land. A suspension of drilling or producing operations on specified lands shall be applicable only to such lands.

(d) Each lease, sublease or contract relating to the exploration, drilling, development or operation for oil or gas of lands other than those of the United States or State of New Mexico committed to this agreement, 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) Any Federal lease for a fixed term of twenty (20) years or any renewal thereof or any part of such lease which is made subject to this agreement shall continue in force beyond the term provided therein until the termination hereof. Any other Federal lease committed hereto shall continue in force beyond the term so provided therein or by law as to the land committed so long as such lease remains subject hereto, provided that production is had in paying quantities under this unit agreement prior to the expiration date of the term of such lease, or in the event actual drilling operations are commenced on unitized land, in accordance with the provisions of this agreement, prior to the end of the primary term of such lease and are being diligently prosecuted at that time, such lease shall be extended for two years and so long thereafter as oil or gas is produced in paying quantities in accordance with the provisions of the Mineral Leasing Act Revision of 1960.

(f) Each sublease or contract relating to the operation and development of unitized substances from lands of the United States committed to this agreement, which by its terms would expire prior to the time at which the underlying lease, as extended by the immediately preceding paragraph, will expire, 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 the underlying lease as such term is herein extended.

(g) Any lease embracing lands of the State of New Mexico which is made subject to this agreement shall continue in force beyond the term pro-

vided therein as to the lands committed hereto until the termination hereof, subject to the provisions of subsection (e) of Section 2 and subsection (i) of this Section 18.

(h) The segregation of any Federal lease committed to this agreement is governed by the following provisions in the fourth paragraph of Sec. 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 non-unitized 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".

(i) Any lease embracing lands of the State of New Mexico having only a portion of its lands committed hereto, shall be segregated as to the portion committed and the portion not committed, and the provisions of such lease shall apply separately to such segregated portions commencing as of the effective date hereof; provided, however, notwithstanding any of the provisions of this agreement to the contrary any lease embracing lands of the State of New Mexico having only a portion of its lands committed hereto shall continue in full force and effect beyond the term provided therein as to all lands embraced in such lease, if oil or gas is discovered and is capable of being produced in paying quantities from some part of the lands embraced in such lease at the expiration of the secondary term of such lease; or if, at the expiration of the secondary term, the Lessee or the Unit Operator is then engaged in bona fide drilling or reworking operations on some part of the lands embraced in such lease, the same, as to all lands embraced therein, shall remain in full force and effect so long as such operations are being diligently prosecuted, and if they result in the production of oil or gas, said lease shall continue in full force and effect as to all of the lands embraced therein, so long thereafter as oil or gas in paying quantities is being produced from any portion of said lands.

(j) Any lease, other than a Federal or State lease, having

only a portion of its lands committed hereto shall be segregated as to the portion committed and the portion not committed, and the provisions of such lease shall apply separately to such segregated portions commencing as of the effective date hereof. In the event any such lease provides for a lump-sum rental payment, such payment shall be prorated between the portions so segregated in proportion to the acreage of the respective tracts.

19. 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, royalty, or other interest subject hereto shall be binding upon the Unit Operator until the first day of the calendar month after Unit Operator is furnished with the original, photostatic or certified copy of the instrument of transfer.

20. EFFECTIVE DATE AND TERM: This agreement shall become effective upon approval by the Secretary and the Commissioner or their duly authorized representatives as of the date of approval by the Secretary and shall terminate five (5) years from said effective date unless:

(a) such date of expiration is extended by the Director and the Commissioner, or

(b) it is reasonably determined prior to the expiration of the fixed term or any extension thereof that the unitized land is incapable of production of unitized substances in paying quantities in the formations tested hereunder and after notice of intention to terminate the agreement on such ground is given by the Unit Operator to all parties in interest at their last known addresses, the agreement is terminated with the approval of the Supervisor and Commissioner, or

(c) a valuable discovery of unitized substances has been made or accepted on unitized land during said initial term or any extension thereof, in which event the agreement shall remain in effect for such term and so long as unitized substances can be produced in quantities sufficient to pay for the cost of producing same from wells on unitized land within any participating

area established hereunder and, should production cease, so long thereafter as diligent operations are in progress for the restoration of production or discovery of new production and so long thereafter as the unitized substances so discovered can be produced as aforesaid, or

(d) it is terminated as heretofore provided in this agreement.

This agreement may be terminated at any time by not less than 75 per centum, on an acreage basis, of the owners of working interests signatory hereto, with the approval of the Supervisor and Commissioner; notice of any such approval to be given by the Unit Operator to all parties hereto.

21. RATE OF PROSPECTING, DEVELOPMENT AND PRODUCTION: The Director is hereby vested with authority to alter or modify from time to time in his discretion the quantity and rate of production under this agreement when such quantity and rate is not fixed pursuant to Federal or State law or does not conform to any statewide voluntary conservation or allocation program, which is established, recognized and generally adhered to by the majority of operators in such state, 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. Without regard to the foregoing, the Director is also hereby vested with authority to alter or modify from time to time in his discretion the rate of prospecting and development and the quantity and rate of production under this agreement when such alteration or modification is in the interest of attaining the conservation objectives stated in this agreement and is not in violation of any applicable Federal or State law; provided, further, that no such alteration or modification shall be effective as to any land of the State of New Mexico, as to the rate of prospecting and developing in the absence of the specific written approval thereof by the Commissioner and as to any lands of the State of New Mexico or privately owned lands subject to this agreement as to the quantity and rate of production in the absence of specific written approval thereof by the Commission.

Powers in this section vested in the Director shall only be exercised after notice to Unit Operator and opportunity for hearing to be held not less than 15 days from notice.

22. CONFLICT OF SUPERVISION: Neither the Unit Operator nor the

working interest owners nor any of them shall be subject to any forfeiture, termination or expiration of any rights hereunder or under any leases or contracts subject hereto, or to any penalty or liability on account of delay or failure in whole or in part to comply with any applicable provision thereof to the extent that the Unit Operator, working interest owners or any of them are hindered, delayed or prevented from complying therewith by reason of failure of the Unit Operator to obtain in the exercise of due diligence, the concurrence of proper representatives of the United States and proper representatives of the State of New Mexico in and about any matters or things concerning which it is required herein that such concurrence be obtained. The parties hereto, including the Commission, agree that all powers and authority vested in the Commission in and by any provisions of this agreement are vested in the Commission and shall be exercised by it pursuant to the provisions of the laws of the State of New Mexico and subject in any case to appeal or judicial review as may now or hereafter be provided by the laws of the State of New Mexico.

23. APPEARANCES: Unit Operator shall, after notice to other parties affected, have the right to appear for and on behalf of any and all interests affected hereby before the Department of the Interior, the Commissioner of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Commission and to appeal from orders issued under the regulations of said Department, the Commission or Commissioner or to apply for relief from any of said regulations or in any proceedings relative to operations before the Department of the Interior, the Commissioner, or Commission, or any other legally constituted authority; provided, however, that any other interested party shall also have the right at his own expense to be heard in any such proceeding.

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

25. 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 of the United States, 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.

26. UNAVOIDABLE DELAY: All obligations under this agreement requiring the Unit Operator to commence or continue drilling 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 agencies, unavoidable accidents, uncontrollable delays in transportation, inability to obtain necessary materials in open market, or other matters beyond the reasonable control of the Unit Operator whether similar to matters herein enumerated or not.

27. NONDISCRIMINATION: In connection with the performance of work under this agreement, the operator agrees to comply with all of the provisions of Section 202 (1) to (7) inclusive, of Executive Order 11246, as amended (30 F.R. 12319), which are hereby incorporated by reference in this agreement.

28. 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 unit 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 as to any royalty, working interest, or other interests 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 Federal and State land or leases, no payments of funds due the United States or the State of New Mexico should be withheld, but such funds of the United States shall be deposited as directed by the Supervisor and such funds of the State of New Mexico shall be deposited as directed by the Commissioner 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.

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

29. NON-JOINDER AND SUBSEQUENT JOINDER: If the owner of any substantial interest in a tract within the unit area fails or refuses to subscribe or consent to this agreement, the owner of the working interest in that tract may withdraw said tract from this agreement by written notice to the Director, the Commissioner, and the Unit Operator prior to the approval of this agreement by the Director and Commissioner. Any oil or gas interests in lands within the unit area not committed hereto prior to submission of this agreement for final approval may thereafter be committed hereto by the owner or owners thereof subscribing or consenting to this agreement and, if the interest is a working interest, by the owner of such interest also subscribing to the unit operating agreement. After operations are commenced hereunder, the right of subsequent joinder, as provided in this section, by a working interest owner is subject to such requirements or approvals, if any, pertaining to such joinder as may be provided for in the unit operating agreement. After final approval hereof joinder by a non-working interest owner must be consented to in writing by the working interest owner committed hereto and responsible for the payment of any benefits that may accrue hereunder in behalf of such non-working interest. A non-working interest may not be committed to this unit agreement unless the corresponding working interest is committed hereto. Joinder to the unit agreement by a working interest owner, at any time, must be accompanied by appropriate joinder to the unit operating agreement, if more than one committed working interest owner is involved, in order for the interest to be regarded as committed to this unit agreement. Except as may otherwise herein be provided, subsequent joinders to this agreement shall be effective as of the first day of the month following the filing with the Supervisor and the Commissioner of duly executed counterparts of all or any papers necessary to establish effective commitment of any tract to this agreement unless objection to such joinder is duly made within 60 days by the Supervisor, provided, however, that as to State land all subsequent joinders must be approved by the Commissioner.

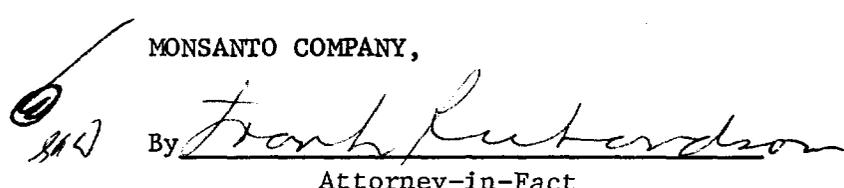
30. COUNTERPARTS: This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be

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 such 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 lands within the above described unit area.

31. NO PARTNERSHIP: It is expressly agreed that the relationship of the parties hereto is that of independent contractors and nothing in this agreement contained, express or implied, nor any operations conducted hereunder, shall create or be deemed to have created a partnership or association between the parties hereto or any of them.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be executed and have set opposite their respective names the date of execution.

ATTEST:

 MONSANTO COMPANY,
By Frank Puterbaugh
Attorney-in-Fact

Address: 1301 Post Oak Tower

5051 Westheimer, Houston, Texas 77027

Date: August 1, 1969

UNIT OPERATOR AND
WORKING INTEREST OWNER

WORKING INTEREST OWNERS

ATTEST:

CRA, INC.

By _____

Date: _____

Address: _____

ATTEST:

BEARD OIL COMPANY,

By _____

Date: _____

Address: _____

BRUCE ANDERSON

Date: _____

Address: _____

ATTEST:

GULF OIL CORPORATION,

By _____

Date: _____

Address: _____

ATTEST:

SUN OIL COMPANY,

By _____

Date: _____

Address: _____

ATTEST:

HUMBLE OIL & REFINING COMPANY,

By _____

Date: _____

Address: _____

ATTEST:

CITIES SERVICE OIL COMPANY,

By _____

Date: _____

Address: _____

ATTEST:

CABOT CORPORATION,

By _____

Date: _____

Address: _____

CHARLES N. ALLEN

Date: _____

Address: _____

PERRY A. POOLE

Date: _____

Address: _____

STATE OF TEXAS X
 X SS
COUNTY OF HARRIS X

The foregoing instrument was acknowledged before me this 1st
day of April, 1969, by Frank Richardson
ATTORNEY-IN-FACT of MONSANTO COMPANY, a Delaware Corporation, on behalf of
said corporation.

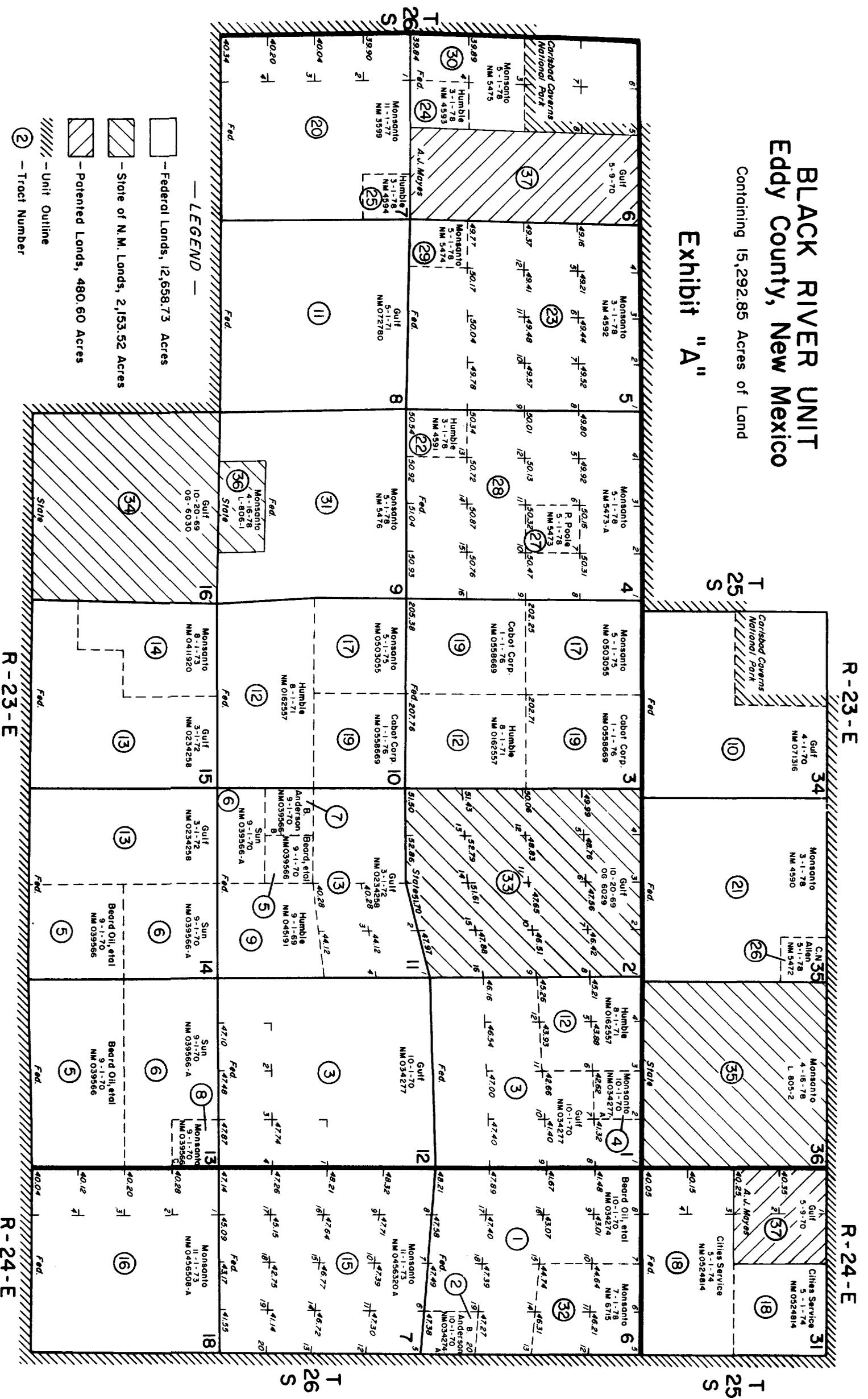
Mary F. Lipscomb
Notary Public

My Commission Expires:
June 1, 1969

BLACK RIVER UNIT Eddy County, New Mexico

Containing 15,292.85 Acres of Land

Exhibit "A"



— LEGEND —

- — Federal Lands, 12,658.73 Acres
- ▨ — State of N.M. Lands, 2,153.52 Acres
- ▩ — Patented Lands, 480.60 Acres
- Unit Outline
- ② — Tract Number

R-23-E

R-24-E

R-23-E

R-24-E

T 25 S

T 25 S

T 26 S

T 26 S

EXHIBIT 'B'
 SCHEDULE SHOWING ALL LANDS AND OWNERSHIP
 WITHIN THE UNIT AREA
BLACK RIVER UNIT, EDDY COUNTY, NEW MEXICO

Tract No.	Description	Acres	Lease Serial # and Expiration Date	Basic Royalty & Percentage	Lessee of Record and Percentage	Overriding Royalty and Percentage	Working Interest Ownership and Percentage
<u>FEDERAL LANDS</u>							
1.	T-26-S, R-24-E N.M.P.M. Section 6: Lots 7, 8, 9, 10 13, 14, 15, 16, 17, 18, 19	502.46	NM-034274 9/30/70	U.S.A. All	GRA, Inc. Beard Oil Co. 50%	Bruce Anderson 2%	GRA, Inc. Beard Oil Co. 50%
2.	T-26-S, R-24-E N.M.P.M. Section 6: Lot 20	47.38	NM-034274-A 9/30/70	U.S.A. All	Bruce Anderson	None	Bruce Anderson All
3.	T-26-S, R-23-E N.M.P.M. Section 1: Lots 1, 7, 8, 9, 10 11, 12, S $\frac{1}{2}$ S $\frac{1}{2}$; Section 12: All	1,142.67	NM-034277 9/30/70	U.S.A. All	Gulf Oil Corporation	Ed. C. Donohue per acre out of 5%	Gulf Oil Corporation All
4.	T-26-S, R-23-E N.M.P.M. Section 1: Lot 2	42.62	NM-034277-A 9/30/70	U.S.A. All	Monsanto Company	Ed. C. Donohue per acre out of 5%	Monsanto Company All
5.	T-26-S, R-23-E N.M.P.M. Section 11: NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 13: S $\frac{1}{2}$ Section 14: SE $\frac{1}{4}$	520.00	NM-039566 8/31/70	U.S.A. All	Beard Oil Co.	None	Beard Oil Co. All

Tract No.	Description	Acres	Lease Serial # and Expiration Date	Basic Royalty & Percentage	Lessee of Record and Percentage	Overriding Royalty and Percentage
6.	T-26-S, R-23-E N.M.P.M. Section 11: S $\frac{1}{2}$ SW $\frac{1}{4}$ Section 13: NW $\frac{1}{4}$ NE $\frac{1}{4}$ S $\frac{1}{2}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$ Section 14: NE $\frac{1}{4}$	520.00	NM-039566-A 8/31/70	U.S.A. All	Sun Oil Company	Eugenia Bate 3%
7.	T-26-S, R-23-E N.M.P.M. Section 11: NW $\frac{1}{4}$ SW $\frac{1}{4}$	40.00	NM-039566-B 8/31/70	U.S.A. All	Bruce Anderson	Eugenia Bate 3%
8.	T-26-S, R-23-E N.M.P.M. Section 13: NE $\frac{1}{4}$ NE $\frac{1}{4}$	40.00	NM-039566-C 8/31/70	U.S.A. All	Monsanto Company	Eugenia Bate 3%
9.	T-26-S, R-23-E N.M.P.M. Section 11: SE $\frac{1}{4}$	160.00	NM-045191 9/1/69	U.S.A. All	Stephen C. Helbing	Senemex, Inc. and) 3% Vola V. Horst)
10.	T-25-S, R-23-E N.M.P.M. Section 34: E $\frac{1}{2}$, SW $\frac{1}{4}$	480.00	NM-071316 4/1/70	U.S.A. All	Gulf Oil Corporation	Ed. B. Benjamin, Jr. W. Mente Benjamin \$300 per acre out o 3%
11.	T-26-S, R-23-E N.M.P.M. Section 8: All	640.00	NM-072780 5/1/71	U.S.A. All	Gulf Oil Corporation	S. Howard and) \$300 per H. R. Corder) acre out o 3%

*Humble will exercise promptly upon final the Unit Agreement

Tract No.	Description	Acres	Lease Serial # and Expiration Date	Basic Royalty & Percentage	Lessee of Record and Percentage	Overriding Royalty and Percentage	Working Interest Ownership and Percentage
12.	T-26-S, R-23-E N.M.P.M. Section 1: Lots 3,4,5,6 Section 3: SE $\frac{1}{4}$ Section 10: S $\frac{1}{2}$	706.04	NM-0162557 8/1/71	U.S.A. All	Humble Oil & Refining Co.	Chas. C. Langdon 3%	Humble Oil & Refining Co. All
13.	T-26-S, R-23-E N.M.P.M. Section 11: Lots 1,2,3,4, NW $\frac{1}{4}$ Section 14: W $\frac{1}{2}$ Section 15: E $\frac{1}{2}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$	1,088.80	NM-0234258 3/1/72	U.S.A. All	Gulf Oil Corporation	A. W. Rutter 3%	Gulf Oil Corporation All
14.	T-26-S, R-23-E N.M.P.M. Section 15: NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$	200.00	NM-0411920 8/1/73	U.S.A. All	Monsanto Company	W. H. Brown 5%	Monsanto Company All
15.	T-26-S, R-24-E N.M.P.M. Section 7: Lots 5 thru 20 (A11)	733.31	NM-0456320-A 11/1/73	U.S.A. All	Monsanto Company	Edward Poitevent \$750 per acre out of 5%	Monsanto Company All
16.	T-26-S, R-24-E N.M.P.M. Section 18: Lots 1,2,3,4, E $\frac{1}{2}$ W $\frac{1}{2}$, E $\frac{1}{2}$ (A11)	640.64	NM-0456508-A 11/1/73	U.S.A. All	Monsanto Company	Evelyn Lawwill Erving Wolf 3% 2%	Monsanto Company All
17.	T-26-S, R-23-E N.M.P.M. Section 3: NW $\frac{1}{4}$ Section 10: NW $\frac{1}{4}$	362.25	NM-0503055 5/1/75	U.S.A. All	Monsanto Company	John L. O'Brien 5%	Monsanto Company All

Tract No.	Description	Acres	Lease Serial # and Expiration Date	Basic Royalty & Percentage	Lessee of Record and Percentage	Overriding Royalty and Percentage	Working Interest Ownership and Percentage
18.	T-25-S, R-24-E N.M.P.M. Section 31: Lots 3,4, E $\frac{1}{2}$, E $\frac{1}{2}$ SW $\frac{1}{4}$	480.20	NM-0524814 5/1/74	U.S.A. All	Cities Service Oil Co.	Harry P. Smith 3% Yvona A. Stephens 2%	Cities Service Oil Company All
19.	T-26-S, R-23-E N.M.P.M. Section 3: NE $\frac{1}{4}$, SW $\frac{1}{4}$ Section 10: NE $\frac{1}{4}$	568.09	NM-0558669 1/1/76	U.S.A. All	Cabot Corporation	Joseph Homan 3% Yvona A. Stephens 2%	Cabot Corporation Assigned to Monsanto Co. 3/31/69 All
20.	T-26-S, R-23-E N.M.P.M. Section 7: Lots 1,2,3,4, SE $\frac{1}{4}$ NE $\frac{1}{4}$, W $\frac{1}{2}$ E $\frac{1}{2}$, E $\frac{1}{2}$ W $\frac{1}{2}$, E $\frac{1}{2}$ SE $\frac{1}{4}$	600.48	NM-3599 11/1/77	U.S.A. All	Monsanto Company	G. F. Muller \$750 per acre out of 5%	Monsanto Company All
21.	T-25-S, R-23-E N.M.P.M. Section 35: NW $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$	600.00	NM-4590 3/1/78	U.S.A. All	Monsanto Company	Howard G. Olsen 5%	Monsanto Company All
22.	T-26-S, R-23-E N.M.P.M. Section 4: Lot 13	50.54	NM-4591 3/1/78	U.S.A. All	Humble Oil & Refining Co.	Pauline F. Stevens 3%	Humble Oil & Refining Co. All
23.	T-26-S, R-23-E N.M.P.M. Section 5: Lots 1 thru 12, incl. SE $\frac{1}{4}$ SW $\frac{1}{4}$ S $\frac{1}{2}$ SE $\frac{1}{4}$	714.92	NM-4592 3/1/78	U.S.A. All	Monsanto Company	John H. Vagelos 5%	Monsanto Company All

Tract No.	Description	Acres	Lease Serial # and Expiration Date	Basic Royalty & Percentage	Lessee of Record and Percentage	Overriding Royalty and Percentage	Working Interest Ownership and Percentage
24.	T-26-S, R-23-E N.M.P.M. Section 6: SE $\frac{1}{4}$ SW $\frac{1}{4}$	40.00	NM-4593 3/1/78	U.S.A. All	Humble Oil & Refining Co.	Chas. A. Ledbetter 3%	Humble Oil & Refining Co.
25.	T-26-S, R-23-E Section 7: NE $\frac{1}{4}$ NE $\frac{1}{4}$	40.00	NM-4594 3/1/78	U.S.A. All	Humble Oil & Refining Co.	Otto G. Green 3%	Humble Oil & Refining Co.
26.	T-25-S, R-23-E N.M.P.M. Section 35: NE $\frac{1}{4}$ NE $\frac{1}{4}$	40.00	NM-5472 5/1/78	U.S.A. All	Chas. N. Allen	None	Chas. N. Allen
27.	T-26-S, R-23-E N.M.P.M. Section 4: Lot 7	50.32	NM-5473 5/1/78	U.S.A. All	Perry A. Poole	None	Perry A. Poole
28.	T-26-S, R-23-E N.M.P.M. Section 4: Lots 1,2,3,4,5, 6,8,9,10,11, 12,14,15,16	706.38	NM-5473-A 5/1/78	U.S.A. All	Monsanto Company	Perry A. Poole 5%	Monsanto Company
29.	T-26-S, R-23-E N.M.P.M. Section 5: SW $\frac{1}{4}$ SW $\frac{1}{4}$	40.00	NM-5474 5/1/78	U.S.A. All	Monsanto Company	Paula R. Wright 5%	Monsanto Company
30.	T-26-S, R-23-E N.M.P.M. Section 6: Lots 3,4, NE $\frac{1}{4}$ SW $\frac{1}{4}$	119.73	NM-5475 5/1/78	U.S.A. All	Monsanto Company	G. W. Allen 5%	Monsanto Company

Tract No.	Description	Acres	Lease Serial # and Expiration Date	Basic Royalty & Percentage	Lessee of Record and Percentage	Overriding Royalty and Percentage	Working Interest Ownership and Percentage
31.	T-26-S, R-23-E N.M.P.M. Section 9: N $\frac{1}{2}$, N $\frac{1}{2}$ S $\frac{1}{2}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$	560.00	NM-5476 5/1/78	U.S.A. All	Monsanto Company	John N. Walter per acre out of 1/2 of 1%	Monsanto Company All
32.	T-26-S, R-24-E N.M.P.M. Section 6: Lots 5,6,11,12	181.90	NM-6715 7/1/78	U.S.A. All	Monsanto Company	Virginia S. Rutter 6 $\frac{1}{2}$ %	Monsanto Company All
<u>STATE OF NEW MEXICO LANDS</u>							
33.	T-26-S, R-23-E N.M.P.M. Section 2: A11	793.52	OG-6029 10/20/69	State All	Gulf Oil Corporation	None	Gulf Oil Corporation All
34.	T-26-S, R-23-E N.M.P.M. Section 16: A11	640.00	OG-6030 10/20/69	State All	Gulf Oil Corporation	None	Gulf Oil Corporation All
35.	T-25-S, R-23-E N.M.P.M. Section 36: A11	640.00	L-805-2 4/16/78	State All	Monsanto Company	None	Monsanto Company All
36.	T-26-S, R-23-E N.M.P.M. Section 9: SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$	80.00	L-806-1 4/16/78	State All	Monsanto Company	None	Monsanto Company All

32 Tracts, Federal Lands, 12,658.73 Acres, 82.8% of the Unit Area

4 Tracts, State of New Mexico Lands, 2,153.52 Acres, 14.1% of the Unit Area.

Tract No.	Description	Acres	Lease Serial # and Expiration Date	Basic Royalty & Percentage	Lessee of Record and Percentage	Overriding Royalty and Percentage	Working Interest Ownership and Percentage
37.	T-25-S, R-24-E Section 31: Lots 1,2, E $\frac{1}{2}$ NW $\frac{1}{4}$ T-26-S, R-23-E Section 6: E $\frac{1}{2}$	480.60	Fee 5/9/70	A. J. Mayes All	Gulf Oil Corporation	None	Gulf Oil Corporation All

1 Tract, Patented (FEE) Lands, 480.60 Acres, 3.1% of the Unit Area

R E C A P I T U L A T I O N

32 Tracts Federal Lands	12,658.73 Acres	82.8% of the Unit Area
4 Tracts State of New Mexico Land	2,153.52 Acres	14.1% of the Unit Area
1 Tract Patented (FEE) Lands	480.60 Acres	3.1% of the Unit Area
37 Tracts	15,292.85 Acres	100% of the Unit Area

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

Address: 1410 Fourth National
Bank Building
Tulsa, Oklahoma 74103

CRA, Inc.
 By: *E. T. Lindsey*
 E. T. Lindsey, President
 ATTEST: *W. Gordon Leith*
 W. Gordon Leith, Secretary

MGR
 REN
 JWB
 JHW
 OMS

CORPORATE

1

STATE OF MISSOURI X
 COUNTY OF CLAY X

The foregoing instrument was acknowledged before me this 3rd day of March, 1969, by E. T. Lindsey who is President of CRA, Inc. a Kansas corporation, for and on behalf of said corporation. (State)

My Commission Expires: 7-1-69
 Notary Public *C. A. Stubbs* C. A. Stubbs

INDIVIDUAL

STATE OF _____ X
 COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____

My Commission Expires: _____
 Notary Public _____

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

Address: _____
 2000 Classen Blvd. (Suite 200-South), Oklahoma City, Oklahoma 73106

W. M. Beard Mrs. Jess McBee, John M. Beard,
 & Emily Jo Watts, d/b/a BEARD OIL COMPANY
 By W. M. Beard
 W. M. Beard, Acting individually & as attorney-in-fact
 for Mrs. Jess McBee, John M. Beard & Emily Jo Watts

Power of Attorney previously filed in NM 0315901-Oklahoma & is still in effect

CORPORATE 1 5

STATE OF _____ X
 COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____ Notary Public

INDIVIDUAL

STATE OF OKLAHOMA X
 COUNTY OF OKLAHOMA X

The foregoing instrument was acknowledged before me this 26 day of February, 1969, by W. M. Beard, acting individually & as Attorney-in-fact for Mrs. Jess McBee, John M. Beard & Emily Jo Watts, d/b/a BEARD OIL COMPANY.

My Commission Expires: _____ Notary Public

1-12-72

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

ATTEST:

Dor Rankin
 Assistant Secretary
 Address: P. O. BOX 1838
ROSWELL, NEW MEXICO 88701

GULF OIL CORPORATION

R. E. Wyche
 ATTORNEY IN FACT

3	10	11	13
33	34	37	

CORPORATE

STATE OF NEW MEXICO X
 COUNTY OF CHAVES X

The foregoing instrument was acknowledged before me this 18th day of April, 1969, by R. E. WYCHE who is ATTORNEY IN FACT of GULF OIL CORPORATION a PENNSYLVANIA corporation, for and on behalf of said corporation. (State)

My Commission Expires:
 My Commission Expires August 15, 1970

Eva Marie Cooper
 Notary Public

INDIVIDUAL

STATE OF _____ X
 COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____

My Commission Expires:

 Notary Public

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

Address: P. O. Box 2880
Dallas, Texas 75221

SUN OIL COMPANY

By: *[Signature]*

Agent and Attorney-in-fact

CORPORATE

6

[Handwritten initials]

STATE OF TEXAS X
 X
COUNTY OF DALLAS X

The foregoing instrument was acknowledged before me this 4th day of March, 1969, by CECIL A. COLVILLE who is Agent and Attorney-in-fact of Sun Oil Company a New Jersey (State) corporation, for and on behalf of said corporation.

My Commission Expires: June 1, 1969

[Signature]
Notary Public in and for Dallas County,
Texas
Alf Burr

INDIVIDUAL

STATE OF _____ X
 X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____

My Commission Expires: _____

Notary Public

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

HUMBLE OIL & REFINING COMPANY

Bill R. Payne
 Agent and Attorney in Fact

FORM APVD.
 BY QJR

Address: _____

9 12 22 24 25

CORPORATE

STATE OF TEXAS X
 COUNTY OF MIDLAND X

The foregoing instrument was acknowledged before me this 13th day of May, 1969, by Bill R. Payne who is Agent and Attorney in Fact of HUMBLE OIL & REFINING COMPANY a Delaware (State) corporation, for and on behalf of said corporation.

Patricia G. Proctor
 Notary Public

My Commission Expires:
June 1, 1969

INDIVIDUAL

STATE OF _____ X
 COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____

My Commission Expires: _____
 Notary Public

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

<p><i>Estate of Edward C. Donohue</i></p> <p>By <u>Wilma Donohue Moleen</u> <i>Co. Trustee</i></p> <p>Address: <u>P.O. Drawer 1372</u> <u>El Paso, Texas 79948</u></p>	<p><i>Estate of Wilma Elliott Donohue</i></p> <p>By <u>Wilma Donohue Moleen</u> <i>Indep. Executive</i></p> <p>_____</p>
--	---

3 4

CORPORATE

STATE OF _____ X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____ Notary Public _____

INDIVIDUAL

STATE OF Texas X
COUNTY OF El Paso X

The foregoing instrument was acknowledged before me this 31st day of April, 1969, by Wilma Donohue Moleen

My Commission Expires: _____ Notary Public Otilia Holguin

Otilia Holguin, Notary Public
in and for the County of El Paso, Texas
My commission expires June 1, 1969

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

Address: Box 1057,
Santa Fe, New Mexico
87501

John V. Horst
INDIVIDUALLY AND ON BEHALF OF
SENEMEX, INC.

CORPORATE **9**

STATE OF _____ X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____

Notary Public

INDIVIDUAL

STATE OF _____ X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this 20th day of February, 1969, by John V. Horst

My Commission Expires: _____

Gene C. Corlett
Notary Public

8-15-72

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

S. Howard
Bernice Howard
 Address: 109 BELLAIR DE.
NEW ORLEANS, LA. 70124

W. Corder
Mary Allen Corder
307 BETZ PLACE
METRIE, LA. 70005

CORPORATE

11

STATE OF _____ X
 COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____

 Notary Public

INDIVIDUAL

STATE OF LOUISIANA X
 COUNTY OF ORLEANS X

The foregoing instrument was acknowledged before me this 24th day of FEBRUARY, 1969, by S. Howard, Bernice Howard, H.R. Corder and Mary Allen Corder.

My Commission Expires:
AT MY DEATH

Bladys A. Baither
 Notary Public
Notary Public

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

_____ Charles C. Langdon
Address: P.O. Box 9317
FT. WORTH, TEXAS, 76107

CORPORATE

12

STATE OF _____ X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____

Notary Public

INDIVIDUAL

STATE OF Texas X
COUNTY OF Tarrant X

The foregoing instrument was acknowledged before me this 18 day of February, 1969, by Charles C. Langdon

My Commission Expires: _____

Notary Public

JOAN BAKER

Notary Public in and for Tarrant County, Texas
My Commission Expires June 1, 1969

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

W. H. Brown
W. H. Brown

Address: 512 Petroleum Building
Casper, Wyoming

CORPORATE 14

STATE OF _____ X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

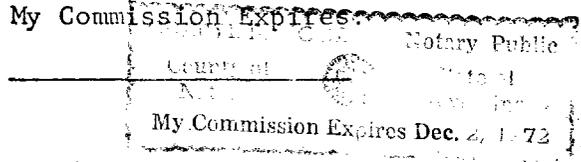
My Commission Expires: _____ Notary Public

INDIVIDUAL

STATE OF WYOMING X
COUNTY OF NATRONA X

The foregoing instrument was acknowledged before me this 11th day of February, 1969, by W. H. Brown

My Commission Expires: _____ Notary Public
Cheryl R. Wood
Notary Public



CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

<p><u>Edw. Poitevent</u> Address: <u>6015 Prytania St.</u> <u>New Orleans, La. 70118</u></p>	<p><u>Bruce B. Poitevent</u> Address: <u>6015 Prytania St.</u> <u>New Orleans, La. 70118</u></p>
--	--

CORPORATE

15

STATE OF _____ X
 COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____ Notary Public

INDIVIDUAL

STATE OF Louisiana X
~~COUNTY OF~~ Parish OF Orleans X
~~XXXXXX~~

The foregoing instrument was acknowledged before me this 24th day of February, 1969, by Edward Poitevent and Bruce B. Poitevent

My Commission Expires: at death

Notary Public

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

Evelyn Lawwell
 Address: Bt 2237
Cheyenne Wyo. 82001

CORPORATE

16

STATE OF _____ X
 COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____ Notary Public

INDIVIDUAL

STATE OF Wyoming X
 COUNTY OF Taramie X

The foregoing instrument was acknowledged before me this 11th day of Feb, 1969, by Evelyn Lawwell

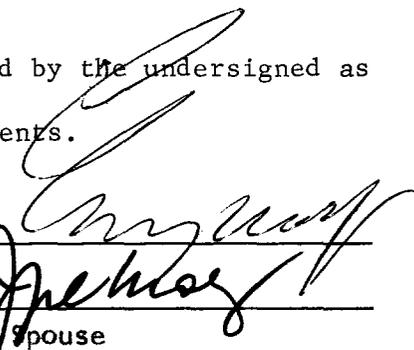
My Commission Expires: 1-2-72 Notary Public
Violet Vohz

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

 Address: 300 Lincoln Tower Building
Denver, Colorado 80203



 ERVING WOLF

 JOYCE WOLF, spouse

CORPORATE

16

STATE OF _____ X
 COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____

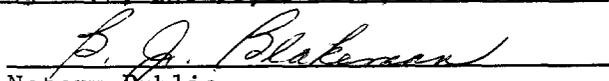
 Notary Public

INDIVIDUAL

STATE OF COLORADO X
 COUNTY OF DENVER X

The foregoing instrument was acknowledged before me this 13th day of February, 1969, by Erving Wolf, and Joyce Wolf, his wife.

My Commission Expires: _____



 Notary Public

November 20, 1974

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

Address: 318 West 2nd Ave.
Cheyenne, Wyoming 82001

Harry P. Smith
Mildred A. Smith

CORPORATE

18

STATE OF _____ X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____

Notary Public

INDIVIDUAL

STATE OF WYOMING X
COUNTY OF LARAMIE X

The foregoing instrument was acknowledged before me this 12th day of February, 1969, by Harry P. Smith and Mildred A. Smith (husband and wife)

My Commission Expires: 3-6-72

Claire Miller
Notary Public

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

Address: Box 739
Roswell, New Mexico

Yvonne A. Stephens
Individually & Executrix
of Estate of James R. Stephens

CORPORATE

18 19

STATE OF N _____ X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____

Notary Public

INDIVIDUAL

STATE OF New Mexico _____ X
COUNTY OF Chaves _____ X

The foregoing instrument was acknowledged before me this 10th day of February, 1969, by Yvonne A. Stephens, Individually and Executrix of Estate of James R. Stephens.

My Commission Expires: _____

Leotaugh Jones

Notary Public

9/15/69

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

Address: Box 1458
ROSWELL, N.M.

Edgar L. Powell

CORPORATE

19

STATE OF _____ X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____

Notary Public

INDIVIDUAL

STATE OF N.M. X
COUNTY OF CHAVEZ X

The foregoing instrument was acknowledged before me this 31ST day of MARCH, 1969, by EDGAR L. POWELL

My Commission Expires: _____

Jesse M. Baker

Notary Public

Feb 10, 1972

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

Address: 205 W. Wacker Drive
Chicago, Illinois 60606

Joseph Homan
Alice Homan

CORPORATE

19

STATE OF _____ X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____

Notary Public

INDIVIDUAL

STATE OF Illinois _____ X
COUNTY OF Cook _____ X

The foregoing instrument was acknowledged before me this 6th day of March, 1969, by JOSEPH HOMAN & ALICE HOMAN, his wife

My Commission Expires: _____

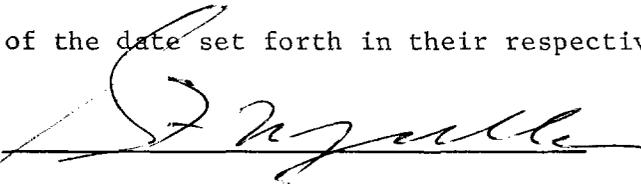
Eleanor D. Mattison
Notary Public

Dec. 4, 1972

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

 Address: <u>2 Broadway</u> <u>New York, N.Y. 10004</u>	 <u>2 Broadway</u> <u>New York, N.Y. 10004</u>
--	--

CORPORATE

20

STATE OF _____ X
 COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____ Notary Public _____

INDIVIDUAL

STATE OF New York X
 COUNTY OF New York X

The foregoing instrument was acknowledged before me this 25th day of February, 1969, by G. F. Muller & Matthew L. Muller

My Commission Expires: _____ Notary Public Walter J. Pitula

WALTER J. PITULA
 NOTARY PUBLIC, State of New York
 No. 41-8385073
 Qualified in Queens County
 Cert. filed in New York County
 Commission Expires March 30, 1970

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

Howard G. Olsen

Address: POST OFFICE BOX 1618
LA JOLLA, CALIFORNIA 92037

CORPORATE

21

STATE OF _____ X
 COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____ Notary Public _____

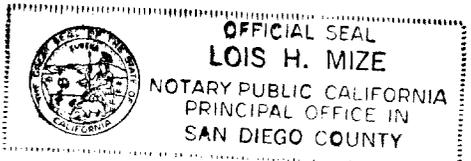
INDIVIDUAL

STATE OF California X
 COUNTY OF San Diego X

The foregoing instrument was acknowledged before me this 25th day of March, 1969, by Howard G. Olsen

My Commission Expires: _____ Notary Public Lois H. Mize

LOIS H. MIZE - Notary Public - Cal.
 COMM. EXP. MAY 13, 1971 - SAN DIEGO CO.
 7946 Ivanhoe St., Suite 202, La Jolla, Calif. 62037



CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

Pauline F. Stevens
 Address: 2069 Westlawn, S.W.
Warren, Ohio.

Boyd A. Stevens
2069 Westlawn, S.W.
Warren, Ohio.

CORPORATE

22

STATE OF _____ X
 COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____

 Notary Public

INDIVIDUAL

STATE OF Ohio X
 COUNTY OF Franklin X

The foregoing instrument was acknowledged before me this 25th day of February, 1969, by Pauline F. and Boyd A. Stevens

My Commission Expires: Oct. 18, 1973

Harold W. Grady
 Notary Public

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

John H. Vogelbe
 Address: 303 Corlies Ave.
ALLENHURST, N.J. 07711

Demetra C. Vogelbe
303 Corlies Avenue
Allenhurst, New Jersey 07711

CORPORATE

23

STATE OF _____ X
 COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____

 Notary Public

INDIVIDUAL

STATE OF New York X
 COUNTY OF New York X

The foregoing instrument was acknowledged before me this 13 day of FEB, 1969, by John H. Vogelbe and Demetra C. Vogelbe

My Commission Expires: _____

Francis M. Giacinto
 Notary Public

FRANCIS M. GIACINTO
 NOTARY PUBLIC, State of New York
 Commission Expires _____ 69

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

Charles A. Sellitto
 Address: 3037 Knike Avenue
Andover, Alaska

Mary Lou Sellitto
3037 Knike Avenue
Andover, Alaska

CORPORATE

24

STATE OF _____ X
 COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____ Notary Public

INDIVIDUAL

STATE OF Alaska X
 COUNTY OF _____ X

The foregoing instrument was acknowledged before me this 3rd day of April, 1969, by Charles A. & Mary Lou Sellitto

My Commission Expires: 6-11-72 Notary Public
Charles L. Harlan

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

Otto G. Green

Creta M. Green

Address: _____

P. O. Box 1571 - Oakland, Calif. 94604

P. O. Box 1571 - Oakland, Calif. 94604

CORPORATE

25

STATE OF _____ X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____

Notary Public

INDIVIDUAL

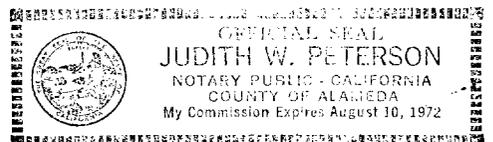
STATE OF California X
COUNTY OF Alameda X

The foregoing instrument was acknowledged before me this 18th day of March, 1969, by Otto G. Green and Creta M. Green, his wife

My Commission Expires: _____

Judith W. Peterson
Notary Public

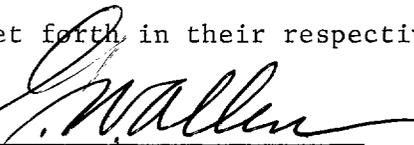
Aug. 10, 1972



CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.


G. W. Allen
 Address: 326 Highland Village Dr.
Mesquite, Texas 75149


Juanita Allen

CORPORATE

30

STATE OF _____ X
 COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____

 Notary Public

INDIVIDUAL

STATE OF Texas X
 COUNTY OF Dallas X

The foregoing instrument was acknowledged before me this 28th day of March, 1969, by G.W. Allen and his wife, Juanita Allen

My Commission Expires: _____



 Notary Public

June, 1969

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

Address: P.O. Box 1231
Roswell, New Mexico 88201

BY: *Dee Arrott*
DEE ARROTT

CORPORATE

31

STATE OF _____ X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____ Notary Public

INDIVIDUAL

STATE OF New Mexico X
COUNTY OF Chaves X

The foregoing instrument was acknowledged before me this 22nd day of April, 1969, by Dee Arrott

My Commission Expires: April 1, 1973
Dee Arrott
Notary Public

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

Address: P. O. Box 2107
Roswell, New Mexico 88201

CENTRAL SOUTHWEST OIL CORPORATION

By: *Thomas Allen*
Thomas Allen

CORPORATE

31

STATE OF NEW MEXICO X
 X ss.
COUNTY OF CHAVES X

The foregoing instrument was acknowledged before me this 2nd. day of April, 1969, by Thomas Allen who is President of Central Southwest Oil Corporation a New Mexico (State) corporation, for and on behalf of said corporation.

My Commission Expires:
MY COMMISSION EXPIRES JULY 28, 1971

Levalyn Dowerman
Notary Public

INDIVIDUAL

STATE OF _____ X
 X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____

My Commission Expires:

Notary Public

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

Virginia S. Rutter
 Address: 1505 North "C" Street
Midland, Texas 79701

A.W. Rutter, Jr.

CORPORATE

32

STATE OF _____ X
 COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____

 Notary Public

INDIVIDUAL

STATE OF TEXAS X
 COUNTY OF MIDLAND X

The foregoing instrument was acknowledged before me this 20th day of February, 1969, by A.W. Rutter, Jr., and wife, Virginia S. Rutter.

My Commission Expires: _____
6/1/69

Beverly Ray Leggett
 Notary Public

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

Address: Highway Route
Carlsbad New Mexico
28520

John A. Mayer
Agatha Mayer

CORPORATE

37

STATE OF _____ X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____

Notary Public

INDIVIDUAL

STATE OF New Mexico X
COUNTY OF Eddy X

The foregoing instrument was acknowledged before me this 26th day of March, 1969, by John A. Mayer + Agatha Mayer his wife

My Commission Expires: _____

Jo Almond
Notary Public

1-8-70

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

Eunice Alice Ballard Harley Ballard
Address: Flagler Route
Carlsbad, N.M. 88220

CORPORATE

37

STATE OF _____ X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____

Notary Public

INDIVIDUAL

STATE OF New Mexico X
COUNTY OF Edy X

The foregoing instrument was acknowledged before me this 27th day of March, 1969, by Eunice Alice Ballard

My Commission Expires: _____

D. Betty Samzler
Notary Public

May 13, 1970

CONSENT AND RATIFICATION
BLACK RIVER UNIT AGREEMENT
EMBRACING LANDS IN EDDY COUNTY, NEW MEXICO

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement for the Development and Operation of the BLACK RIVER UNIT AREA embracing lands situated in Eddy County, New Mexico, which said Agreement is dated the 15th day of January, 1969, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold, royalty or other interests in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the said Unit Agreement as EXHIBIT "B", do hereby commit all of their said interests to the Black River Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

Thurman A. Mayes
 Address: P.O. Box 417
Williams Arizona

Mahala O. Mayes
Box 417
Williams, Arizona

CORPORATE

37

STATE OF _____ X
 COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1969, by _____ who is _____ of _____ a _____ (State) corporation, for and on behalf of said corporation.

My Commission Expires: _____

 Notary Public

INDIVIDUAL

STATE OF Arizona X
 COUNTY OF Cocconino X

The foregoing instrument was acknowledged before me this 21st day of March, 1969, by Mahala O and Thurman A Mayes

My Commission Expires: March 2, 1973

Uera E. Black
 Notary Public

CERTIFICATE OF APPROVAL

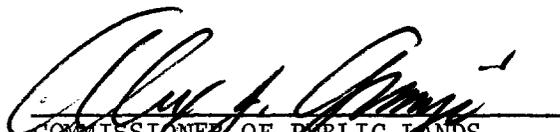
COMMISSIONER OF PUBLIC LANDS, STATE OF NEW MEXICO
BLACK RIVER UNIT
EDDY COUNTY, NEW MEXICO

There having been presented to the undersigned Commissioner of Public Lands of the State of New Mexico for examination, the attached Agreement for the development and operation of acreage which is described within the attached Agreement, dated January 15, 1949, which said Agreement has been executed by parties owning and holding oil and gas leases and royalty interests in and under the property described, and upon examination of said Agreement, the Commissioner finds:

- (a) That such agreement will tend to promote the conservation of oil and gas and the better utilization of reservoir energy in said area.
- (b) That under the proposed agreement, the State of New Mexico will receive its fair share of the recoverable oil or gas in place under its lands in the area.
- (c) That each beneficiary Institution of the State of New Mexico will receive its fair and equitable share of the recoverable oil and gas under its lands within the area.
- (d) That such agreement is in other respects for the best interests of the state, with respect to state lands.

NOW, THEREFORE, by virtue of the authority conferred upon me under Sections 7-11-39, 7-11-40, 7-11-41, 7-11-47, and 7-11-48, New Mexico Statutes Annotated, 1953 Compilation, I, the undersigned Commissioner of Public Lands of the State of New Mexico, do hereby consent to and approve the said Agreement, however, such consent and approval being limited and restricted to such lands within the Unit Area, which are effectively committed to the Unit Agreement as of this date, and, further, that leases insofar as the lands covered thereby committed to this Unit Agreement shall be and the same are hereby amended to conform with the terms of such Unit Agreement, and said leases shall remain in full force and effect in accordance with the terms and conditions of said Agreement. This approval is subject to all of the provisions and requirements of the afore-said statutes.

IN WITNESS WHEREOF, this Certificate of Approval is executed, with seal affixed, this 13th. day of May, 19 49.


COMMISSIONER OF PUBLIC LANDS
of the State of New Mexico

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 4080
Order No. R-3715

APPLICATION OF MONSANTO COMPANY
FOR APPROVAL OF THE BLACK RIVER
UNIT AGREEMENT, EDDY COUNTY, NEW
MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on March 26, 1969,
at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 1st day of April, 1969, the Commission, a
quorum being present, having considered the testimony, the record,
and the recommendations of the Examiner, and being fully advised
in the premises,

FINDS:

(1) That due public notice having been given as required by
law, the Commission has jurisdiction of this cause and the subject
matter thereof.

(2) That the applicant, Monsanto Company, seeks approval of
the Black River Unit Agreement covering 14,961.23 acres, more or
less, of State, Federal, and Fee lands described as follows:

EDDY COUNTY, NEW MEXICO
TOWNSHIP 25 SOUTH, RANGE 23 EAST, NMPM
Section 34: S/2 and NE/4
Sections 35 and 36: All

TOWNSHIP 25 SOUTH, RANGE 24 EAST, NMPM
Section 31: All

TOWNSHIP 26 SOUTH, RANGE 23 EAST, NMPM

Sections 1 through 5: All

Section 6: E/2 and SW/4

Sections 7 through 16: All

TOWNSHIP 26 SOUTH, RANGE 24 EAST, NMPM

Sections 6 and 7: All

Section 18: All

(3) That approval of the proposed unit agreement should promote the prevention of waste and the protection of correlative rights within the unit area.

IT IS THEREFORE ORDERED:

(1) That the Black River Unit Agreement is hereby approved.

(2) That the plan contained in said unit agreement for the development and operation of the unit area is hereby approved in principle as a proper conservation measure; provided, however, that notwithstanding any of the provisions contained in said unit agreement, this approval shall not be considered as waiving or relinquishing, in any manner, any right, duty, or obligation which is now, or may hereafter be, vested in the Commission to supervise and control operations for the exploration and development of any lands committed to the unit and production of oil or gas therefrom.

(3) That the unit operator shall file with the Commission an executed original or executed counterpart of the unit agreement within 30 days after the effective date thereof; that in the event of subsequent joinder by any party or expansion or contraction of the unit area, the unit operator shall file with the Commission within 30 days thereafter counterparts of the unit agreement reflecting the subscription of those interests having joined or ratified.

(4) That this order shall become effective upon the approval of said unit agreement by the Commissioner of Public Lands for the State of New Mexico and the Director of the United States Geological Survey; that this order shall terminate ipso facto upon the termination of said unit agreement; and that the last unit operator shall notify the Commission immediately in writing of such termination.

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CASE No. 4080

Order No. R-3715

(5) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

ALEX J. ARMIJO, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

esr/

MAIN OFFICE

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UNIT AGREEMENT

BLACK RIVER UNIT AREA

EDDY COUNTY, NEW MEXICO

Case 4080

UNIT AGREEMENT
BLACK RIVER UNIT AREA
EDDY COUNTY, NEW MEXICO

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UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
BLACK RIVER UNIT AREA, EDDY COUNTY, NEW MEXICO

NO. _____

THIS AGREEMENT entered into as of the 15th day of January, 1969, by and between the parties subscribing, ratifying, or consenting hereto, and herein referred to as the "parties hereto",

W I T N E S S E T H :

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., authorizes 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 Commissioner of Public Lands of the State of New Mexico is authorized by an Act of the Legislature (Sec. 7-11-39 N.M. Statutes 1953 Annotated) to consent to or approve this agreement on behalf of the State of New Mexico, insofar as it covers and includes lands and mineral interests of the State of New Mexico; and

WHEREAS, the Oil Conservation Commission of the State of New Mexico is authorized by an Act of the Legislature (Article 3, Chapter 65, Vol. 9, Part 2, 1953 Statutes), to approve this agreement and the conservation provisions hereof; and

WHEREAS, the parties hereto hold sufficient interests in the BLACK RIVER 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 interests in the below defined unit area, and agree severally among themselves as follows:

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 State of New Mexico and privately owned lands, 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 of New Mexico are hereby accepted and made a part of this agreement.

2. UNIT AREA: The following described land is hereby designated and recognized as constituting the unit area:

Township 25 South, Range 23 East, N.M.P.M.

Section 34 - S $\frac{1}{2}$ and NE $\frac{1}{4}$
Section 35 - All
Section 36 - All

Township 25 South, Range 24 East, N.M.P.M.

Section 31 - All

Township 26 South, Range 23 East, N.M.P.M.

Section 1 - All
Section 2 - All
Section 3 - All
Section 4 - All
Section 5 - All
Section 6 - E $\frac{1}{2}$ and SW $\frac{1}{4}$
Section 7 - All
Section 8 - All
Section 9 - All
Section 10 - All
Section 11 - All
Section 12 - All
Section 13 - All
Section 14 - All
Section 15 - All
Section 16 - All

Township 26 South, Range 24 East, N.M.P.M.

Section 6 - All
Section 7 - All
Section 18 - All

Containing 14,961.23 acres, more or less.

EXHIBIT "A" attached hereto is a map showing the unit area and the boundaries and identity of tracts and leases in said area to the extent known to the Unit Operator. EXHIBIT "B" attached hereto is a schedule

showing to the extent known to the Unit Operator the acreage, percentage and kind of ownership of oil and gas interests in all land in the unit area. 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. Exhibits "A" and "B" shall be revised by the Unit Operator whenever changes in the unit area render such revision necessary, or when requested by the Oil and Gas Supervisor, hereinafter referred to as "Supervisor", or when requested by the Commissioner of Public Lands of the State of New Mexico, hereinafter referred to as "Commissioner", and not less than seven copies of the revised exhibits shall be filed with the Supervisor, and two copies thereof shall be filed with the Commissioner, and one copy with the New Mexico Oil Conservation Commission, hereinafter referred to as "Commission".

The above described unit area shall, when practicable, be expanded to include therein any additional tract or tracts regarded as reasonably necessary or advisable for the purposes of this agreement, or shall be contracted to exclude lands not within any participating area whenever such expansion or contraction is necessary or advisable to conform with the purposes of this agreement. Such expansion or contraction shall be effected in the following manner:

(a) Unit Operator, on its own motion or on demand of the Director of the Geological Survey, hereinafter referred to as "Director", or on demand of the Commissioner, after preliminary concurrence by the Director, shall prepare a notice of proposed expansion or contraction describing the contemplated changes in the boundaries of the unit area, the reasons therefor, and the proposed effective date thereof, preferably the first day of a month subsequent to the date of notice.

(b) Said notice shall be delivered to the Supervisor, the Commissioner and the Commission and copies thereof mailed to the last known address of each working interest owner, lessee and lessor whose interests are affected, advising that 30 days will be allowed for submission to the Unit Operator of any objections.

(c) Upon expiration of the 30-day period provided in the pre-

ceding item (b) hereof, Unit Operator shall file with the Supervisor, the Commissioner and the Commission evidence of mailing of the notice of expansion or contraction and a copy of any objections thereto which have been filed with the Unit Operator, together with an application in sufficient number, for approval of such expansion or contraction and with appropriate joinders.

(d) After due consideration of all pertinent information, the expansion or contraction shall, upon approval by the Supervisor, the Commissioner and the Commission, become effective as of the date prescribed in the notice thereof.

(e) All legal subdivisions of lands (i.e. 40 acres by Government survey or its nearest lot or tract equivalent in instances of irregular surveys; however, unusually large lots or tracts shall be considered in multiples of 40 acres, or the nearest aliquot equivalent thereof), no parts of which are entitled to be in a participating area on or before the fifth anniversary of the effective date of the first initial participating area established under this unit agreement, shall be eliminated automatically from this agreement, effective as of said fifth anniversary. Such lands shall no longer be subject to this agreement, unless diligent drilling operations are in progress on unitized lands not entitled to participation on said fifth anniversary, in which event all such lands shall remain subject hereto for so long as such drilling operations are continued diligently, with not more than 90 days time elapsing between the completion of one such well and the commencement of the next such well. The time allowed for the commencement of the wells required by this section 2(e) shall expire 30 days after the expiration of any period of time during which drilling operations are prevented by a matter beyond the reasonable control of unit operator as set forth in the section hereof entitled "Unavoidable Delay". Determination of creditable "Unavoidable Delay" time shall be made by unit operator and subject to approval of the Supervisor and Commissioner. All legal subdivisions of lands not entitled to be in a participating area within 10 years after the effective date of the first initial participating area approved under this agreement shall be automatically eliminated from this agreement as of said tenth anniversary. All lands proved productive by diligent drilling operations after

the aforesaid 5-year period shall become participating in the same manner as during said 5-year period. However, when such diligent drilling operations cease, all nonparticipating lands shall be automatically eliminated effective as of the 91st day thereafter. The unit operator shall within 90 days after the effective date of any elimination hereunder, describe the area so eliminated to the satisfaction of the Supervisor and Commissioner and promptly notify all parties in interest. The Supervisor and Commissioner may modify the drilling requirements of this section by granting reasonable extensions of time when such action is warranted; however, such extensions of time shall be limited to a single extension.

If conditions warrant extension of the 10-year period specified in this subsection 2(e), a single extension of not to exceed 2 years may be accomplished by consent of the owners of 90 percent of working interests in the current nonparticipating unitized lands and the owners of 60 percent of basic royalty interests (exclusive of the basic royalty interests of the United States) of the nonparticipating unitized lands with approval of the Director and Commissioner, provided such extension application is submitted to the Director and Commissioner not later than 60 days prior to the expiration of said 10-year period.

Any expansion of the unit area pursuant to this section which embraces lands theretofore eliminated pursuant to this subsection 2(e) shall not be considered automatic commitment or recommitment of such lands.

3. UNITIZED LAND AND UNITIZED SUBSTANCES: All land committed to this agreement shall constitute land referred to herein as "unitized land" or "land subject to this agreement". All oil and gas in any and all formations of the unitized land are unitized under the terms of this agreement and herein are called "unitized substances".

4. UNIT OPERATOR: Monsanto Company with offices at Midland, Texas, is hereby designated as Unit Operator and by signature hereto as Unit Operator commits to this agreement all interests in unitized substances vested in it and agrees and consents to accept the duties and obligations of Unit Operator for the discovery, 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 owner of

an interest in unitized substances, and the term "working interest owner" when used herein shall include or refer to Unit Operator as the owner of a working interest when such an interest is owned by it.

5. RESIGNATION OR REMOVAL OF UNIT OPERATOR: Unit Operator shall have the right to resign at any time prior to the establishment of a participating area or areas hereunder, 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 months after notice of intention to resign has been served by Unit Operator on all working interest owners and the Supervisor, the Commissioner and Commission and until all wells then drilled hereunder are placed in a satisfactory condition for suspension or abandonment, whichever is required by the Supervisor as to Federal lands and by the Commission as to State and privately owned lands, unless a new unit operator shall have been selected and approved and shall have taken over and assumed the duties and obligations of Unit Operator prior to the expiration of said period.

Unit Operator shall have the right to resign in like manner and subject to like limitations, as above provided, at any time a participating area established hereunder is in existence, but in all instances of resignation or removal, until a successor unit operator is selected and approved as hereinafter provided, the working interest owners shall be jointly responsible for performance of the duties of unit operator, and shall not later than 30 days before such resignation or removal become effective appoint a common agent to represent them in any action to be taken hereunder.

The resignation of Unit Operator shall not release Unit Operator from any liability for any default by it hereunder occurring prior to the effective date of its resignation.

The Unit Operator may, upon default or failure in the performance of its duties or obligations hereunder, be subject to removal by the same percentage vote of the owners of working interests determined in like manner as herein provided for the selection of a new Unit Operator. Such removal shall be effective upon notice thereof to the Supervisor and the Commissioner.

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 equipment, materials and appurtenances used in conducting the unit operations and owned by the working interest owners to the new duly qualified successor Unit Operator or to the owners thereof if no such new Unit Operator is elected, to be used for the purpose of conducting unit operations hereunder. Nothing herein shall be construed as authorizing removal of any material, equipment and appurtenances needed for the preservation of any wells.

6. SUCCESSOR UNIT OPERATOR: Whenever the Unit Operator shall tender his or its resignation as Unit Operator or shall be removed as hereinabove provided, or a change of Unit Operator is negotiated by working interest owners, the owners of the working interests in the participating area or areas according to their respective acreage interests in such participating area or areas, or, until a participating area shall have been established, the owners of the working interests according to their respective acreage interests in all unitized land, shall by majority vote select a successor Unit Operator. Provided, that, if a majority but less than 75 percent of the working interests qualified to vote are owned by one party to this agreement, a concurring vote of one or more additional working interest owners shall be required to select a new operator. 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 filed with the Supervisor and approved by the Commissioner. If no successor Unit Operator is selected and qualified as herein provided, the Director and Commissioner at their election may declare this unit agreement terminated.

7. ACCOUNTING PROVISIONS AND UNIT OPERATING AGREEMENT: If the Unit Operator is not the sole owner of working interests, costs and expenses incurred by Unit Operator in conducting unit operations hereunder shall be paid and apportioned among and borne by the owners of working interests, all in accordance with the agreement or agreements entered into by and between the Unit Operator and the owners of working interests, whether one or more, separately or collectively. Any agreement or agreements entered into between

the working interest owners and the Unit Operator as provided in this section, whether one or more, are herein referred to as 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 independent contracts, and such other rights and obligations as between Unit Operator and the working interest owners as may be agreed upon by 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 unit agreement or to relieve the Unit Operator of any right or obligation established under this unit agreement, and in case of any inconsistency or conflict between the unit agreement and the unit operating agreement this unit agreement shall prevail. Three (3) true copies of any unit operating agreement executed pursuant to this section should be filed with the Supervisor and one (1) true copy with the Commissioner, prior to approval of this unit agreement by the Director.

8. 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 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. 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.

9. DRILLING TO DISCOVERY: Within six months after the effective date hereof, the Unit Operator shall begin to drill an adequate test well at a location approved by the Supervisor, if on Federal land, or by the Commissioner if on State land, unless on such effective date a well is being drilled

conformably with the terms hereof, and thereafter continue such drilling diligently until the Morrow formation has been tested or until at a lesser depth unitized substances shall be discovered which can be produced in paying quantities (to-wit: quantities sufficient to repay the costs of drilling and producing operations, with a reasonable profit) or the Unit Operator shall at any time establish to the satisfaction of the Supervisor if located on Federal lands, the Commissioner if located on State lands, or the Commission if located on fee lands, that further drilling of said well would be unwarranted or impracticable; provided, however, that Unit Operator shall not in any event be required to drill said well to a depth in excess of 7,900 feet. Until the discovery of a deposit of unitized substances capable of being produced in paying quantities, the Unit Operator shall continue drilling diligently one well at a time, allowing not more than six months between the completion of one well and the beginning of the next well, until a well capable of producing unitized substances in paying quantities is completed to the satisfaction of the Supervisor if on Federal lands, or the Commissioner if on State lands, or until it is reasonably proved that the unitized land is incapable of producing unitized substances in paying quantities in the formations drilled hereunder. Nothing in this section shall be deemed to limit the right of the Unit Operator to resign as provided in Section 5 hereof, or as requiring Unit Operator to commence or continue any drilling during the period pending such resignation becoming effective in order to comply with the requirements of this section. The Supervisor and Commissioner may modify the drilling requirements of this section by granting reasonable extensions of time when, in their opinion, such action is warranted.

Upon failure to commence any well provided for in this section within the time allowed, including any extension of time granted by the Supervisor and Commissioner, this agreement will automatically terminate; upon failure to continue drilling diligently any well commenced hereunder, the Supervisor and Commissioner may, after 15 days notice to the Unit Operator, declare this unit agreement terminated.

10. PLAN OF FURTHER DEVELOPMENT AND OPERATION: Within six months after completion of a well capable of producing unitized substances in paying quantities, the Unit Operator shall submit for the approval of the Supervisor and the Commissioner an acceptable plan of development and operation for the

unitized land which, when approved by the Supervisor and the Commissioner, shall constitute the further drilling and operating obligations of the Unit Operator under this agreement for the period specified herein. Thereafter, from time to time before the expiration of any existing plan, the Unit Operator shall submit for the approval of the Supervisor, Commissioner, and the Commission a plan for an additional specified period for the development and operation of the unitized land.

Any plan submitted pursuant to this section shall provide for the exploration of the unitized area and for the diligent drilling necessary for determination of the area or areas thereof capable of producing unitized substances in paying quantities in each and every productive formation and shall be as complete and adequate as the Supervisor and the Commissioner may determine to be necessary for timely development and proper conservation of the oil and gas resources of the unitized area and shall:

(a) specify the number and location of wells to be drilled and the proposed order and time for such drilling; and

(b) to the extent practicable, specify the operating practices regarded as necessary and advisable for proper conservation of natural resources.

Separate plans may be submitted for separate productive zones, subject to the approval of the Supervisor, Commissioner, and the Commission.

Plans shall be modified or supplemented when necessary to meet changed conditions or to protect the interests of all parties to this agreement. Reasonable diligence shall be exercised in complying with the obligations of the approved plan of development. The Supervisor and Commissioner are authorized to grant a reasonable extension of the six month period herein prescribed for submission of an initial plan of development where such action is justified because of unusual conditions or circumstances. After completion hereunder of a well capable of producing unitized substances in paying quantities, no further wells, except such as may be necessary to afford protection against operations not under this agreement or such as may be specifically approved by the Supervisor and the Commissioner shall be drilled except in accordance with a plan of development approved as herein provided.

11. PARTICIPATION AFTER DISCOVERY: Upon completion of a well capable of producing unitized substances in paying quantities, the Unit Operator shall, within the month of such completion, if practicable, or as soon thereafter as

required by the Supervisor or the Commissioner submit for approval by the Supervisor, Commissioner, and the Commission, a schedule, based on subdivisions of the public land survey or aliquot parts thereof, of all unitized land then regarded as reasonably proved to be productive of unitized substances in paying quantities; all lands in said schedule on approval of the Supervisor, Commissioner, and the Commission to constitute a participating area, effective as of the date of completion of such well or the effective date of the unit agreement, whichever is later. The acreages of both Federal and non-Federal lands shall be based upon appropriate computations from the courses and distances shown on the last approved public land survey as of the effective date of each initial participating area. Said schedule shall also set forth the percentage of unitized substances to be allocated as herein provided to each unitized tract in the participating area so established, and shall govern the allocation of production from and after the date the participating area becomes effective. A separate participating area shall be established in like manner for each separate pool or deposit of unitized substances or for any group thereof produced as a single pool or zone, and any two or more participating areas so established may be combined into one with the consent of the owners of all working interests in the lands within the participating areas so to be combined, on approval of the Director, Commissioner, and the Commission. The participating area or areas so established shall be revised from time to time, subject to like approval, whenever such action appears proper as a result of further drilling operations or otherwise, to include additional land then regarded as reasonably proved to be productive in paying quantities, or to exclude land then regarded as reasonably proved not to be productive in paying quantities and the schedule of allocation percentages shall be revised accordingly. The effective date of any revision shall be the first of the month in which is obtained the knowledge or information on which such revision is predicated; provided, however, that a more appropriate effective date may be used if justified by the Unit Operator and approved by the Supervisor, Commissioner, and the Commission. No land shall be excluded from a participating area on account of depletion of the unitized substances.

It is the intent of this section that a participating area shall represent the area known or reasonably estimated to be productive in paying quantities: but, regardless of any revision of the participating area, nothing

herein contained shall be construed as requiring any retroactive adjustment for production obtained prior to the effective date of the revision of the participating area.

In the absence of agreement at any time between the Unit Operator and the Supervisor, Commissioner, and the Commission as to the proper definition or re-definition of a participating area, or until a participating area has, or areas have, been established as provided herein, the portion of all payments affected thereby may be impounded in a manner mutually acceptable to the owners of working interests, the Supervisor and the Commissioner. Royalties due the United States and the State of New Mexico, which shall be determined by the Supervisor for Federal land and the Commissioner for State land and the amount thereof shall be deposited, as directed by the Supervisor and the Commissioner respectively, to be held as unearned money until a participating area is finally approved and then applied as earned or returned in accordance with a determination of the sum due as Federal and State royalty on the basis of such approved participating area.

Whenever it is determined, subject to the approval of the Supervisor as to wells drilled on Federal land, the Commissioner as to wells drilled on State land, and the Commission as to wells drilled on fee land, that a well drilled under this agreement is not capable of production in paying quantities and inclusion of the land on which it is situated in a participating area is unwarranted, production from such well shall, for the purposes of settlement among all parties other than working interest owners, be allocated to the spacing unit on which the well is located, unless such spacing is within the participating area established for the pool or deposit from which such production is obtained. Settlement for working interest benefits from such a well shall be made as provided in the unit operating agreement.

12. ALLOCATION OF PRODUCTION: All unitized substances produced from each participating area established under this agreement, except any part thereof used in conformity with good operating practices within the unitized area for drilling, operating, camp and other production or development purposes, for repressuring or recycling in accordance with a plan of development approved by the Supervisor, Commissioner, and Commission, or unavoidably lost, shall be deemed to be produced equally on an acreage basis from the several tracts of unitized land of the participating area established for such production and,

for the purpose of determining any benefits accruing under this agreement, each such tract of unitized land shall have allocated to it such percentage of said production as the number of acres of such tract included in said participating area bears to the total acres of unitized land in said participating area, except that allocation of production hereunder for purposes other than for settlement of the royalty, overriding royalty, or payment out of production obligations of the respective working interest owners, shall be on the basis prescribed in the unit operating agreement whether in conformity with the basis of allocation herein set forth or otherwise. It is hereby agreed that production of unitized substances from a participating area shall be allocated as provided herein regardless of whether any wells are drilled on any particular part or tract of said participating area. If any gas produced from one participating area is used for repressuring or recycling purposes in another participating area, the first gas withdrawn from such last mentioned participating area for sale during the life of this agreement shall be considered to be the gas so transferred until an amount equal to that transferred shall be so produced for sale and such gas shall be allocated to the participating area from which initially produced as constituted at the time of such final production.

13. DEVELOPMENT OR OPERATION OF NON-PARTICIPATING LAND OR FORMATIONS:

Any party hereto owning or controlling the working interest in any unitized land having thereon a regular well location may, with the approval of the Supervisor as to Federal land, the Commissioner as to State land, or the Commission as to privately owned land, at such party's sole risk, cost and expense, drill a well to test any formation for which a participating area has not been established or to test any formation for which a participating area has been established if such location is not within said participating area, unless within 90 days of receipt of notice from said party of his intention to drill the well the Unit Operator elects and commences to drill such a well in like manner as other wells are drilled by the Unit Operator under this agreement.

If any well drilled as aforesaid by a working interest owner results in production such that the land upon which it is situated may properly be included in a participating area, such participating area shall be established or enlarged as provided in this agreement and the well shall thereafter be operated by the Unit Operator in accordance with the terms of this agreement and the unit operating agreement.

If any well drilled as aforesaid by a working interest owner obtains production in quantities insufficient to justify the inclusion in a participating area of the land upon which such well is situated, such well may be operated and produced by the party drilling the same subject to the conservation requirements of this agreement. The royalties in amount or value of production from any such well shall be paid as specified in the underlying lease and agreements affected.

14. ROYALTY SETTLEMENT: The United States and any State and all royalty owners who, under existing contracts, are entitled to take in kind a share of the substances now unitized hereunder produced from any tract, shall hereafter be entitled to the right to take in kind their share of the unitized substances allocated to such tract, and Unit Operator, or in the case of the operation of a well by a working interest owner as herein in special cases provided for, such working interest owner, shall make deliveries of such royalty share taken in kind in conformity with the applicable contracts, laws and regulations. Settlement for royalty interest not taken in kind shall be made by working interest owners 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 royalties due under their leases.

If gas obtained from lands not subject to this agreement is introduced into any participating area hereunder, for use in repressuring, stimulation of production, or increasing ultimate recovery, which shall be in conformity with a plan first approved by the Supervisor and the Commissioner, a like amount of gas, after settlement as herein provided for any gas transferred from any other participating area and with due allowance for loss or depletion from any cause, may be withdrawn from the formation into which the gas was introduced, royalty free as to dry gas, but not as to the products extracted therefrom; provided that such withdrawal shall be at such time as may be provided in the plan of operations or as may otherwise be consented to by the Supervisor, the Commissioner, and the Commission as conforming to good petroleum engineering

practice; and provided further that such right of withdrawal shall terminate on the termination of this unit agreement.

Royalty due the United States shall be computed as provided in the operating regulations and paid in value or delivered in kind as to all unitized substances on the basis of the amounts thereof allocated to unitized Federal land as provided herein at the rates specified in the respective Federal leases, or at such lower rate or rates as may be authorized by law or regulation; provided, that for leases on which the royalty rate depends on the daily average production per well, said average production shall be determined in accordance with the operating regulations as though each participating area were a single consolidated lease.

Royalty due on account of State lands shall be computed and paid on the basis of all unitized substances allocated to such lands.

15. RENTAL SETTLEMENT: Rental or minimum royalties due on 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 or minimum royalty for lands of the United States subject to this agreement shall be paid at the rate specified in the respective leases from the United States unless such rental or minimum royalty is waived, suspended or reduced by law or by approval of the Secretary or his duly authorized representative.

Rentals on State of New Mexico lands subject to this agreement shall be paid at the rates specified in the respective leases.

With respect to any lease on other than Federal or State land containing provisions which would terminate such lease unless drilling operations were within the time therein specified commenced upon the land covered thereby or rentals paid for the privilege of deferring such drilling operations, the rentals required thereby shall, notwithstanding any other provisions of this agreement, be deemed to accrue and become payable during the term thereof as extended by this agreement and until the required drilling operations are commenced upon the land covered thereby or some portion of such land is included within a participating area.

16. 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 State or Federal law or regulation.

17. DRAINAGE: The Unit Operator shall take such measures as the Supervisor and Commissioner deem appropriate and adequate to prevent drainage of unitized substances from unitized land by wells on land not subject to this agreement, or, with prior consent of the Director and the Commissioner, pursuant to applicable regulations pay a fair and reasonable compensatory royalty, as determined by the Supervisor as to Federal lands and by the Commissioner as to State lands.

18. 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 as to Federal leases and the Commissioner as to State leases shall and each by his approval hereof, or by the approval hereof by his duly authorized representative, does hereby establish, alter, change, or revoke the drilling, producing, rental, minimum royalty and royalty requirements of Federal and State leases committed hereto and the regulations in respect thereto to conform said requirements to the provisions of this agreement, and, 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 and every separately owned tract subject to this agreement, regardless of whether there is any development of any particular tract of the unit area.

(b) Drilling and producing operations performed hereunder upon any tract of unitized land will be accepted and deemed to be performed upon and for the benefit of each and every tract of unitized land, 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 on all unitized

land pursuant to direction or consent of the Secretary and the Commissioner, or their duly authorized representatives, shall be deemed to constitute such suspension pursuant to such direction or consent as to each and every tract of unitized land. A suspension of drilling or producing operations on specified lands shall be applicable only to such lands.

(d) Each lease, sublease or contract relating to the exploration, drilling, development or operation for oil or gas of lands other than those of the United States or State of New Mexico committed to this agreement, 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) Any Federal lease for a fixed term of twenty (20) years or any renewal thereof or any part of such lease which is made subject to this agreement shall continue in force beyond the term provided therein until the termination hereof. Any other Federal lease committed hereto shall continue in force beyond the term so provided therein or by law as to the land committed so long as such lease remains subject hereto, provided that production is had in paying quantities under this unit agreement prior to the expiration date of the term of such lease, or in the event actual drilling operations are commenced on unitized land, in accordance with the provisions of this agreement, prior to the end of the primary term of such lease and are being diligently prosecuted at that time, such lease shall be extended for two years and so long thereafter as oil or gas is produced in paying quantities in accordance with the provisions of the Mineral Leasing Act Revision of 1960.

(f) Each sublease or contract relating to the operation and development of unitized substances from lands of the United States committed to this agreement, which by its terms would expire prior to the time at which the underlying lease, as extended by the immediately preceding paragraph, will expire, 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 the underlying lease as such term is herein extended.

(g) Any lease embracing lands of the State of New Mexico which is made subject to this agreement shall continue in force beyond the term pro-

vided therein as to the lands committed hereto until the termination hereof, subject to the provisions of subsection (e) of Section 2 and subsection (i) of this Section 18.

(h) The segregation of any Federal lease committed to this agreement is governed by the following provisions in the fourth paragraph of Sec. 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 non-unitized 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".

(i) Any lease embracing lands of the State of New Mexico having only a portion of its lands committed hereto, shall be segregated as to the portion committed and the portion not committed, and the provisions of such lease shall apply separately to such segregated portions commencing as of the effective date hereof; provided, however, notwithstanding any of the provisions of this agreement to the contrary any lease embracing lands of the State of New Mexico having only a portion of its lands committed hereto shall continue in full force and effect beyond the term provided therein as to all lands embraced in such lease, if oil or gas is discovered and is capable of being produced in paying quantities from some part of the lands embraced in such lease at the expiration of the secondary term of such lease; or if, at the expiration of the secondary term, the Lessee or the Unit Operator is then engaged in bona fide drilling or reworking operations on some part of the lands embraced in such lease, the same, as to all lands embraced therein, shall remain in full force and effect so long as such operations are being diligently prosecuted, and if they result in the production of oil or gas, said lease shall continue in full force and effect as to all of the lands embraced therein, so long thereafter as oil or gas in paying quantities is being produced from any portion of said lands.

(j) Any lease, other than a Federal or State lease, having

only a portion of its lands committed hereto shall be segregated as to the portion committed and the portion not committed, and the provisions of such lease shall apply separately to such segregated portions commencing as of the effective date hereof. In the event any such lease provides for a lump-sum rental payment, such payment shall be prorated between the portions so segregated in proportion to the acreage of the respective tracts.

19. 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, royalty, or other interest subject hereto shall be binding upon the Unit Operator until the first day of the calendar month after Unit Operator is furnished with the original, photostatic or certified copy of the instrument of transfer.

20. EFFECTIVE DATE AND TERM: This agreement shall become effective upon approval by the Secretary and the Commissioner or their duly authorized representatives as of the date of approval by the Secretary and shall terminate five (5) years from said effective date unless:

(a) such date of expiration is extended by the Director and the Commissioner, or

(b) it is reasonably determined prior to the expiration of the fixed term or any extension thereof that the unitized land is incapable of production of unitized substances in paying quantities in the formations tested hereunder and after notice of intention to terminate the agreement on such ground is given by the Unit Operator to all parties in interest at their last known addresses, the agreement is terminated with the approval of the Supervisor and Commissioner, or

(c) a valuable discovery of unitized substances has been made or accepted on unitized land during said initial term or any extension thereof, in which event the agreement shall remain in effect for such term and so long as unitized substances can be produced in quantities sufficient to pay for the cost of producing same from wells on unitized land within any participating

area established hereunder and, should production cease, so long thereafter as diligent operations are in progress for the restoration of production or discovery of new production and so long thereafter as the unitized substances so discovered can be produced as aforesaid, or

(d) it is terminated as heretofore provided in this agreement.

This agreement may be terminated at any time by not less than 75 per centum, on an acreage basis, of the owners of working interests signatory hereto, with the approval of the Supervisor and Commissioner; notice of any such approval to be given by the Unit Operator to all parties hereto.

21. RATE OF PROSPECTING, DEVELOPMENT AND PRODUCTION: The Director is hereby vested with authority to alter or modify from time to time in his discretion the quantity and rate of production under this agreement when such quantity and rate is not fixed pursuant to Federal or State law or does not conform to any statewide voluntary conservation or allocation program, which is established, recognized and generally adhered to by the majority of operators in such state, 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. Without regard to the foregoing, the Director is also hereby vested with authority to alter or modify from time to time in his discretion the rate of prospecting and development and the quantity and rate of production under this agreement when such alteration or modification is in the interest of attaining the conservation objectives stated in this agreement and is not in violation of any applicable Federal or State law; provided, further, that no such alteration or modification shall be effective as to any land of the State of New Mexico, as to the rate of prospecting and developing in the absence of the specific written approval thereof by the Commissioner and as to any lands of the State of New Mexico or privately owned lands subject to this agreement as to the quantity and rate of production in the absence of specific written approval thereof by the Commission.

Powers in this section vested in the Director shall only be exercised after notice to Unit Operator and opportunity for hearing to be held not less than 15 days from notice.

22. CONFLICT OF SUPERVISION: Neither the Unit Operator nor the

working interest owners nor any of them shall be subject to any forfeiture, termination or expiration of any rights hereunder or under any leases or contracts subject hereto, or to any penalty or liability on account of delay or failure in whole or in part to comply with any applicable provision thereof to the extent that the Unit Operator, working interest owners or any of them are hindered, delayed or prevented from complying therewith by reason of failure of the Unit Operator to obtain in the exercise of due diligence, the concurrence of proper representatives of the United States and proper representatives of the State of New Mexico in and about any matters or things concerning which it is required herein that such concurrence be obtained. The parties hereto, including the Commission, agree that all powers and authority vested in the Commission in and by any provisions of this agreement are vested in the Commission and shall be exercised by it pursuant to the provisions of the laws of the State of New Mexico and subject in any case to appeal or judicial review as may now or hereafter be provided by the laws of the State of New Mexico.

23. APPEARANCES: Unit Operator shall, after notice to other parties affected, have the right to appear for and on behalf of any and all interests affected hereby before the Department of the Interior, the Commissioner of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Commission and to appeal from orders issued under the regulations of said Department, the Commission or Commissioner or to apply for relief from any of said regulations or in any proceedings relative to operations before the Department of the Interior, the Commissioner, or Commission, or any other legally constituted authority; provided, however, that any other interested party shall also have the right at his own expense to be heard in any such proceeding.

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

25. 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 of the United States, 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.

26. UNAVOIDABLE DELAY: All obligations under this agreement requiring the Unit Operator to commence or continue drilling 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 agencies, unavoidable accidents, uncontrollable delays in transportation, inability to obtain necessary materials in open market, or other matters beyond the reasonable control of the Unit Operator whether similar to matters herein enumerated or not.

27. NONDISCRIMINATION: In connection with the performance of work under this agreement, the operator agrees to comply with all of the provisions of Section 202 (1) to (7) inclusive, of Executive Order 11246, as amended (30 F.R. 12319), which are hereby incorporated by reference in this agreement.

28. 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 unit 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 as to any royalty, working interest, or other interests 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 Federal and State land or leases, no payments of funds due the United States or the State of New Mexico should be withheld, but such funds of the United States shall be deposited as directed by the Supervisor and such funds of the State of New Mexico shall be deposited as directed by the Commissioner 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.

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

29. NON-JOINDER AND SUBSEQUENT JOINDER: If the owner of any substantial interest in a tract within the unit area fails or refuses to subscribe or consent to this agreement, the owner of the working interest in that tract may withdraw said tract from this agreement by written notice to the Director, the Commissioner, and the Unit Operator prior to the approval of this agreement by the Director and Commissioner. Any oil or gas interests in lands within the unit area not committed hereto prior to submission of this agreement for final approval may thereafter be committed hereto by the owner or owners thereof subscribing or consenting to this agreement and, if the interest is a working interest, by the owner of such interest also subscribing to the unit operating agreement. After operations are commenced hereunder, the right of subsequent joinder, as provided in this section, by a working interest owner is subject to such requirements or approvals, if any, pertaining to such joinder as may be provided for in the unit operating agreement. After final approval hereof joinder by a non-working interest owner must be consented to in writing by the working interest owner committed hereto and responsible for the payment of any benefits that may accrue hereunder in behalf of such non-working interest. A non-working interest may not be committed to this unit agreement unless the corresponding working interest is committed hereto. Joinder to the unit agreement by a working interest owner, at any time, must be accompanied by appropriate joinder to the unit operating agreement, if more than one committed working interest owner is involved, in order for the interest to be regarded as committed to this unit agreement. Except as may otherwise herein be provided, subsequent joinders to this agreement shall be effective as of the first day of the month following the filing with the Supervisor and the Commissioner of duly executed counterparts of all or any papers necessary to establish effective commitment of any tract to this agreement unless objection to such joinder is duly made within 60 days by the Supervisor, provided, however, that as to State land all subsequent joinders must be approved by the Commissioner.

30. COUNTERPARTS: This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or 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 such 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 lands within the above described unit area.

31. NO PARTNERSHIP: It is expressly agreed that the relationship of the parties hereto is that of independent contractors and nothing in this agreement contained, express or implied, nor any operations conducted hereunder, shall create or be deemed to have created a partnership or association between the parties hereto or any of them.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be executed and have set opposite their respective names the date of execution.

MONSANTO COMPANY,

ATTEST:

By _____

Address: _____

Date: _____

UNIT OPERATOR AND
WORKING INTEREST OWNER

WORKING INTEREST OWNERS

ATTEST:

CRA, INC.

By _____

Date: _____

Address: _____

ATTEST:

BEARD OIL COMPANY,

By _____

Date: _____

Address: _____

BRUCE ANDERSON

Date: _____

Address: _____

ATTEST:

GULF OIL CORPORATION,

By _____

Date: _____

Address: _____

ATTEST:

SUN OIL COMPANY,

By _____

Date: _____

Address: _____

ATTEST:

HUMBLE OIL & REFINING COMPANY,

By _____

Date: _____

Address: _____

ATTEST:

CITIES SERVICE OIL COMPANY,

By _____

Date: _____

Address: _____

ATTEST:

CABOT CORPORATION,

By _____

Date: _____

Address: _____

CHARLES N. ALLEN

Date: _____

Address: _____

PERRY A. POOLE

Date: _____

Address: _____

STATE OF TEXAS X
 X SS
COUNTY OF HARRIS X

The foregoing instrument was acknowledged before me this _____
day of _____, 1969, by _____
ATTORNEY-IN-FACT of MONSANTO COMPANY, a Delaware Corporation, on behalf of
said corporation.

Notary Public

My Commission Expires:

BLACK RIVER UNIT Eddy County, New Mexico

Containing 14,961.23 Acres of Land

Exhibit "A"

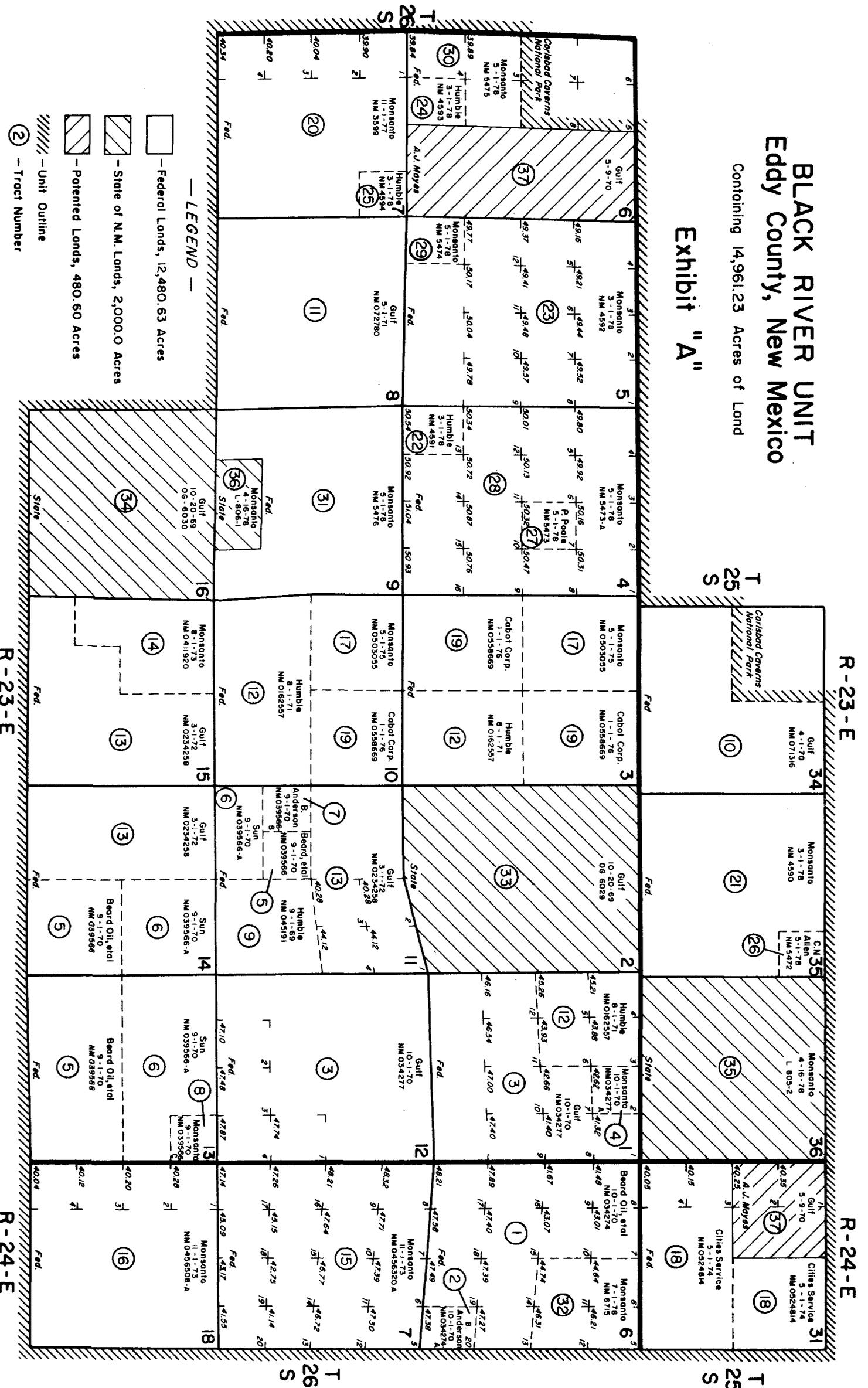


EXHIBIT "B"
 SCHEDULE SHOWING ALL LANDS AND OWNERSHIP
 WITHIN THE UNIT AREA
BLACK RIVER UNIT, EDDY COUNTY, NEW MEXICO

Tract No.	Description	Acres	Lease Serial # and Expiration Date	Basic Royalty & Percentage	Lessees of Record and Percentage	Overriding Royalty and Percentage	Working Interest Ownership and Percentage
<u>FEDERAL LANDS</u>							
1.	T-26-S, R-24-E N.M.P.M. Section 6: Lots 7, 8, 9, 10 13, 14, 15, 16, 17, 18, 19	502.46	NM-034274 9/30/70	U.S.A. All	CRA, Inc. Beard Oil Co. 50%	Bruce Anderson 2%	CRA, Inc. Beard Oil Co. 50%
2.	T-26-S, R-24-E N.M.P.M. Section 6: Lot 20	47.38	NM-034274-A 9/30/70	U.S.A. All	Bruce Anderson	None	Bruce Anderson All
3.	T-26-S, R-23-E N.M.P.M. Section 1: Lots 1, 7, 8, 9, 10 11, 12, S $\frac{1}{2}$ S $\frac{1}{2}$; Section 12: All	1,142.67	NM-034277 9/30/70	U.S.A. All	Gulf Oil Corporation	Ed. C. Donohue \$750 per acre out of 5%	Gulf Oil Corporation All
4.	T-26-S, R-23-E N.M.P.M. Section 1: Lot 2	42.62	NM-034277-A 9/30/70	U.S.A. All	Monsanto Company	Ed. C. Donohue \$750 per acre out of 5%	Monsanto Company All
5.	T-26-S, R-23-E N.M.P.M. Section 11: NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 13: S $\frac{1}{2}$ Section 14: SE $\frac{1}{4}$	520.00	NM-039566 8/31/70	U.S.A. All	Beard Oil Co.	None	Beard Oil Co. All

Tract No.	Description	Acres	Lease Serial # and Expiration Date	Basic Royalty & Percentage	Lessee of Record and Percentage	Overriding Royalty and Percentage	Working Interest and Percentage
6.	T-26-S, R-23-E N.M.P.M. Section 11: S $\frac{1}{2}$ SW $\frac{1}{4}$ Section 13: NW $\frac{1}{4}$ NE $\frac{1}{4}$ S $\frac{1}{2}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$ Section 14: NE $\frac{1}{4}$	520.00	NM-039566-A 8/31/70	U.S.A. All	Sun Oil Company	Eugenia Bate 3%	Sun Oil Co. All
7.	T-26-S, R-23-E N.M.P.M. Section 11: NW $\frac{1}{4}$ SW $\frac{1}{4}$	40.00	NM-039566-B 8/31/70	U.S.A. All	Bruce Anderson		Bruce Anderson All
8.	T-26-S, R-23-E N.M.P.M. Section 13: NE $\frac{1}{4}$ NE $\frac{1}{4}$	40.00	NM-039566-C 8/31/70	U.S.A. All	Monsanto Company	Eugenia Bate 3%	Monsanto Company All
9.	T-26-S, R-23-E N.M.P.M. Section 11: SE $\frac{1}{4}$	160.00	NM-045191 9/1/69	U.S.A. All	Stephen C. Helbing	Senemex, Inc. and) 3% Vola V. Horst)	Stephen C. Helbing (Optioned to Humble Oil & Refining Co.) All
10.	T-25-S, R-23-E N.M.P.M. Section 34: E $\frac{1}{2}$, SW $\frac{1}{4}$	480.00	NM-071316 4/1/70	U.S.A. All	Gulf Oil Corporation	Ed. B. Benjamin, Jr. W. Monte Benjamin \$300 per acre out of 3%	Gulf Oil Corporation All
11.	T-26-S, R-23-E N.M.P.M. Section 8: All	640.00	NM-072780 5/1/71	U.S.A. All	Gulf Oil Corporation	S. Howard and) \$300 per H. R. Corder) acre out of 3%	Gulf Oil Corporation All

Tract No.	Description	Acres	Lease Serial # and Expiration Date	Basic Royalty & Percentage	Lessee of Record and Percentage	Overriding Royalty and Percentage	Working Interest Ownership and Percentage
12.	T-26-S, R-23-E N.M.P.M. Section 1: Lots 3,4,5,6 Section 3: SE $\frac{1}{4}$ Section 10: S $\frac{1}{2}$	658.28	NM-0162557 8/1/71	U.S.A. A11	Humble Oil & Refining Co.	Chas. C. Langdon 3%	Humble Oil & Refining Co. A11
13.	T-26-S, R-23-E N.M.P.M. Section 11: Lots 1,2,3,4, NW $\frac{1}{4}$ Section 14: W $\frac{1}{2}$ Section 15: E $\frac{1}{2}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$	1,088.80	NM-0234258 3/1/72	U.S.A. A11	Gulf Oil Corporation	A. W. Rutter 3%	Gulf Oil Corporation A11
14.	T-26-S, R-23-E N.M.P.M. Section 15: NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$	200.00	NM-0411920 8/1/73	U.S.A. A11	Monsanto Company	W. H. Brown 5%	Monsanto Company A11
15.	T-26-S, R-24-E N.M.P.M. Section 7: Lots 5 thru 20 (A11)	733.31	NM-0456320-A 11/1/73	U.S.A. A11	Monsanto Company	Edward Poitevent \$750 per acre out of 5%	Monsanto Company A11
16.	T-26-S, R-24-E N.M.P.M. Section 18: Lots 1,2,3,4, E $\frac{1}{2}$ W $\frac{1}{2}$, E $\frac{1}{2}$ (A11)	640.64	NM-0456508-A 11/1/73	U.S.A. A11	Monsanto Company	Evelyn Lawwill Erving Wolf 3% 2%	Monsanto Company A11
17.	T-26-S, R-23-E N.M.P.M. Section 3: NW $\frac{1}{4}$ Section 10: NW $\frac{1}{4}$	320.00	NM-0503055 5/1/75	U.S.A. A11	Monsanto Company	John L. O'Brien 5%	Monsanto Company A11

Tract No.	Description	Acres	Lease Serial # and Expiration Date	Basic Royalty & Percentage	Lessee of Record and Percentage	Overriding Royalty and Percentage	Working Interest Ownership and Percentage
18.	T-25-S, R-24-E N.M.P.M. Section 31: Lots 3,4, E $\frac{1}{2}$, E $\frac{1}{2}$ SW $\frac{1}{4}$	480.20	NM-0524814 5/1/74	U.S.A. All	Cities Service Oil Co.	Harry P. Smith Yvona A. Stephens 3% 2%	Cities Service Oil Company All
19.	T-26-S, R-23-E N.M.P.M. Section 3: NE $\frac{1}{4}$, SW $\frac{1}{4}$ Section 10: NE $\frac{1}{4}$	480.00	NM-0558669 1/1/76	U.S.A. All	Cabot Corporation	Joseph Homan Yvona A. Stephens 3% 2%	Cabot Corporation All
20.	T-26-S, R-23-E N.M.P.M. Section 7: Lots 1,2,3,4, SE $\frac{1}{4}$ NE $\frac{1}{4}$, W $\frac{1}{2}$ E $\frac{1}{2}$, E $\frac{1}{2}$ W $\frac{1}{2}$, E $\frac{1}{2}$ SE $\frac{1}{4}$	600.48	NM-3599 11/1/77	U.S.A. All	Monsanto Company	G. F. Muller \$750 per acre out of 5%	Monsanto Company All
21.	T-25-S, R-23-E N.M.P.M. Section 35: NW $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$	600.00	NM-4590 3/1/78	U.S.A. All	Monsanto Company	Howard G. Olsen 5%	Monsanto Company All
22.	T-26-S, R-23-E N.M.P.M. Section 4: Lot 13	50.54	NM-4591 3/1/78	U.S.A. All	Humble Oil & Refining Co.	Pauline F. Stevens 3%	Humble Oil & Refining Co. All
23.	T-26-S, R-23-E N.M.P.M. Section 5: Lots 1 thru 12, incl. SE $\frac{1}{4}$ SW $\frac{1}{4}$ S $\frac{1}{2}$ SE $\frac{1}{4}$	714.92	NM-4592 3/1/78	U.S.A. All	Monsanto Company	John H. Vagelos 5%	Monsanto Company All

Tract No.	Description	Acres	Lease Serial # and Expiration Date	Basic Royalty & Percentage	Lessee of Record and Percentage	Overriding Royalty and Percentage	Working Interest Ownership and Percentage
24.	T-26-S, R-23-E N.M.P.M. Section 6: SE $\frac{1}{4}$ SW $\frac{1}{4}$	40.00	NM-4593 3/1/78	U.S.A. All	Humble Oil & Refining Co.	Chas. H. Ledbetter 3%	Humble Oil & Refining Co.
25.	T-26-S, R-23-E Section 7: NE $\frac{1}{4}$ NE $\frac{1}{4}$	40.00	NM-4594 3/1/78	U.S.A. All	Humble Oil & Refining Co.	Otto G. Green 3%	Humble Oil & Refining Co.
26.	T-25-S, R-23-E N.M.P.M. Section 35: NE $\frac{1}{4}$ NE $\frac{1}{4}$	40.00	NM-5472 5/1/78	U.S.A. All	Chas. N. Allen	None	Chas. N. Allen
27.	T-26-S, R-23-E N.M.P.M. Section 4: Lot 7	50.32	NM-5473 5/1/78	U.S.A. All	Perry A. Poole	None	Perry A. Poole
28.	T-26-S, R-23-E N.M.P.M. Section 4: Lots 1,2,3,4,5, 6,8,9,10,11, 12,14,15,16	706.38	NM-5473-A 5/1/78	U.S.A. All	Monsanto Company	Perry A. Poole 5%	Monsanto Company
29.	T-26-S, R-23-E N.M.P.M. Section 5: SW $\frac{1}{4}$ SW $\frac{1}{4}$	40.00	NM-5474 5/1/78	U.S.A. All	Monsanto Company	Paula R. Wright 5%	Monsanto Company
30.	T-26-S, R-23-E N.M.P.M. Section 6: Lots 3,4, NE $\frac{1}{4}$ SW $\frac{1}{4}$	119.73	NM-5475 5/1/78	U.S.A. All	Monsanto Company	G. W. Allen 5%	Monsanto Company

Tract No.	Description	Acres	Lease Serial # and Expiration Date	Basic Royalty & Percentage	Lessee of Record and Percentage	Overriding Royalty and Percentage	Working Interest Ownership and Percentage
31.	T-26-S, R-23-E N.M.P.M. Section 9: N $\frac{1}{2}$, N $\frac{1}{2}$ S $\frac{1}{2}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$	560.00	NM-5476 5/1/78	U.S.A. All	Monsanto Company	John N. Walter per acre out of 1/2 of 1%	Monsanto Company
32.	T-26-S, R-24-E N.M.P.M. Section 6: Lots 5,6,11,12	181.90	NM-6715 7/1/78	U.S.A. All	Monsanto Company	Virginia S. Rutter 6 $\frac{1}{2}$ %	Monsanto Company

32 Tracts, Federal Lands, 12,480.63 Acres, 83.4% of the Unit Area

STATE OF NEW MEXICO LANDS

33.	T-26-S, R-23-E N.M.P.M. Section 2: A11	640.00	OG-6029 10/20/69	State All	Gulf Oil Corporation	None	Gulf Oil Corporation
34.	T-26-S, R-23-E N.M.P.M. Section 16: A11	640.00	OG-6030 10/20/69	State All	Gulf Oil Corporation	None	Gulf Oil Corporation
35.	T-25-S, R-23-E N.M.P.M. Section 36: A11	640.00	L-805-2 4/16/78	State All	Monsanto Company	None	Monsanto Company
36.	T-26-S, R-23-E N.M.P.M. Section 9: SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$	80.00	L-806-1 4/16/78	State All	Monsanto Company	None	Monsanto Company

4 Tracts, State of New Mexico Lands, 2,000.00 Acres, 13.4% of the Unit Area.

Tract No.	Description	Acres	Lease Serial # and Expiration Date	Basic Royalty & Percentage	Lessee of Record and Percentage	Overriding Royalty and Percentage	Working Interest Ownership and Percentage
37.	T-25-S, R-24-E Section 31: Lots 1,2, E $\frac{1}{2}$ NW $\frac{1}{4}$	480.60	Fee 5/9/70	A. J. Mayes All	Gulf Oil Corporation	None	Gulf Oil Corporation All
	T-26-S, R-23-E Section 6: E $\frac{1}{2}$						

1 Tract, Patented (FEE) Lands, 480.60 Acres, 3.2% of the Unit Area

R E C A P I T U L A T I O N

32 Tracts Federal Lands	12,480.63 Acres	83.4% of the Unit Area
4 Tracts State of New Mexico Land	2,000.00 Acres	13.4% of the Unit Area
1 Tract Patented (FEE) Lands	480.60 Acres	3.2% of the Unit Area
37 Tracts	14,961.23 Acres	100% of the Unit Area