

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. 472
ORDER NO. R-~~297~~

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THE APPLICATION OF RICHARDSON AND
BASS FOR APPROVAL OF THE JAMES RANCH
UNIT AREA EMBRACING 20,656.98 ACRES
OF LAND IN EDDY COUNTY, NEW MEXICO,
WITHIN TOWNSHIPS 22 AND 23 S.,
RANGES 30 AND 31 E., N.M.P.M.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a. m. on February 17, 1953, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 17th day of March, 1953, the Commission, a quorum being present, having considered said application and the evidence introduced in support thereof, 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 proposed unit plan will in principle tend to promote the conservation of oil and gas and the prevention of waste.

IT IS THEREFORE ORDERED:

SECTION 1. That this order shall be known as the

JAMES RANCH UNIT AGREEMENT ORDER

SECTION 2. (a) That the project herein referred to shall be known as the James Ranch Unit Agreement, and shall hereafter be referred to as the "Project".

(b) That the plan by which the Project shall be operated shall be embraced in the form of a unit agreement for the development and operation of the James Ranch Unit Area referred to in the Petitioner's petition and filed with said petition, and such plan shall be known as the James Ranch Unit Agreement Plan.

SECTION 3. That the James Ranch Unit Agreement Plan shall be, and hereby is, 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, duties or obligations which are now, or may hereafter, be vested in the New Mexico Oil Conservation Commission by law relative to the supervision and control of operations for exploration and development of any lands committed to said James Ranch Agreement, or relative to the production of oil or gas therefrom.

SECTION 4. (a) That the Unit Area shall be:

NEW MEXICO PRINCIPAL MERIDIAN

Twp. 22 S., R. 30 E.

Sec. 12: SE/4, S/2 SW/4
 Sec. 13: All
 Sec. 14: All
 Sec. 15: All
 Sec. 16: All
 Sec. 17: S/2, NE/4, E/2 NW/4
 Sec. 19--30 (incl.): All
 Sec. 33: E/2
 Sec. 34: All
 Sec. 35: All
 Sec. 36: All

Twp. 22 S., R. 31 E.

Sec. 7: S/2, S/2 N/2
 Sec. 8: SW/4, S/2 NW/4
 Sec. 17: S/2, NW/4
 Sec. 18: All
 Sec. 19: All
 Sec. 20: All
 Sec. 29: W/2 W/2
 Sec. 30: All
 Sec. 31: All

Twp. 23 S., R. 30 E.

Sec. 1: E/2, N/2 NW/4
 Sec. 2: N/2 N/2

Twp. 23 S., R. 31 E.

Sec. 5: W/2 W/2
 Sec. 6: All
 Sec. 7: All
 Sec. 8: W/2
 Sec. 17: NW/4
 Sec. 18: N/2

Total unit area: 20,656.98 acres, more or less.

(b) The unit area may be enlarged or contracted as provided in said Plan.

SECTION 5. That the unit operator shall file with the Commission an executed original or executed counterpart of the James Ranch Unit Agreement within

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30 days after the effective date thereof.

SECTION 6. That any party owning rights in the unitized substances who does not commit such rights to said unit agreement before the effective date thereof may thereafter become a party thereto by subscribing to such agreement or counterpart thereof, or by ratifying the same. The unit operator shall file with the Commission within 30 days an original of any such counterpart or ratification.

SECTION 7. That this order shall become effective upon approval of said unit agreement by the Commissioner of Public Lands of the State of New Mexico and the Director of the United States Geological Survey, and shall terminate ipso facto upon the termination of said unit agreement. The last unit operator shall immediately notify the Commissioner in writing of such termination.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

E. S. WALKER, Member

R. R. SPURRIER, Secretary

S E A L

(Form Approved
January 2, 1953)

UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF
THE JAMES RANCH UNIT AREA
EDDY COUNTY, STATE OF NEW MEXICO

I-Sec. No. _____

7406-1213

THIS AGREEMENT, entered into as of the 22nd day of April
1953, 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 or gas interests in the unit area subject to this agreement; and

WHEREAS, the Act of February 25, 1920, 41 Stat. 437, as amended by
the Act of August 8, 1946, 60 Stat. 950, 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 under a cooperative or unit plan of development or opera-
tion 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 (Chap. 88, Laws 1943) 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 law (Chap. 72, Laws of 1935, as amended by Chap. 193,
Laws of 1937, Chap. 166, Laws of 1941, and Chap. 168, Laws of 1949) to
approve this agreement and the conservation provisions hereof; and

WHEREAS, the parties hereto hold sufficient interests in the James
Ranch 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 Act of February 25, 1920, as amended, supra, and all valid pertinent regulations, including operating and unit plan regulations, heretofore issued thereunder or valid pertinent and reasonable regulations hereafter issued thereunder are accepted and made a part of this agreement as to Federal lands, provided such regulations are not inconsistent with the terms of this agreement; and as to non-Federal lands, the oil and gas operating regulations in effect as of the effective date hereof governing drilling and producing operations, not inconsistent with the terms hereof or the laws of the State in which the non-Federal land is located, 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:

NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO

T. 22 S., R. 30 E.

Sec. 12: SE $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$
Sec. 13: All
Sec. 14: All
Sec. 15: All
Sec. 16: All
Sec. 17: S $\frac{1}{2}$, NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$
Secs. 19—30 (incl): All
Sec. 33: E $\frac{1}{2}$
Sec. 34: All
Sec. 35: All
Sec. 36: All

T. 22 S., R. 31 E.

Sec. 7 - S $\frac{1}{2}$, S $\frac{1}{2}$ N $\frac{1}{2}$
Sec. 8 - SW $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$
Sec. 17 - S $\frac{1}{2}$, NW $\frac{1}{4}$
Sec. 18 - All
Sec. 19 - All
Sec. 20 - All
Sec. 29 - W $\frac{1}{2}$ W $\frac{1}{2}$
Sec. 30 - All
Sec. 31 - All

T. 23 S., R. 30 E.

Sec. 1 - E $\frac{1}{2}$, N $\frac{1}{2}$ NW $\frac{1}{4}$
Sec. 2 - N $\frac{1}{2}$ N $\frac{1}{2}$

T. 23 S., R. 31 E

Sec. 5 - W $\frac{1}{2}$ W $\frac{1}{2}$
Sec. 6 - All
Sec. 7 - All
Sec. 8 - W $\frac{1}{2}$
Sec. 17 - NW $\frac{1}{4}$
Sec. 18 - N $\frac{1}{2}$

Situated in Eddy County, New Mexico, containing 20,656.98 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 the Commissioner of Public Lands, hereinafter referred to as "Commissioner", and not less than six copies of the revised exhibits shall be filed with the Supervisor, and at least one copy 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 purpose 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 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.

(b) Said notice shall be delivered to the Supervisor and Commissioner 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 preceding item (b) hereof, Unit Operator shall file with the Supervisor and Commissioner 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.

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

All land committed to this agreement shall constitute land referred to herein as "unitized land" or "land subject to this agreement".

3. UNITIZED SUBSTANCES: 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. Richardson & Bass, a co-partnership, Ft. Worth National Bank Bldg., Ft. Worth, Texas, is hereby designated as Unit Operator and by signature hereto as Unit Operator 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 an owner of interests 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 6 months after notice of intention to resign has been served by Unit Operator on all working interest owners, the Director, and Commissioner, 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 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 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 becomes 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 Director and 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, 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 interest 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 approved by the Director and 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 agreement, 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 true copies of any unit operating agreement executed pursuant to this section shall be filed with the Supervisor, and one true copy with the Commissioner.

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 such location is upon lands of the United States, and if upon State or privately owned lands, such location shall be approved by the Commission or Commissioner whichever is appropriate, unless on such effective date a well is being drilled conformably with the terms hereof, and thereafter continue such drilling diligently until the Devonian 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 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 13,000 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 said Supervisor if on Federal land, or the Commissioner

this agreement for the period specified therein. Thereafter, from time to time before the expiration of any existing plan, the Unit Operator shall submit for the approval of the Supervisor, the 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 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, the Commissioner and the Commission 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 locations of any 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, the Commissioner and the Commission. Said plan or 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 this approved plan of development. The Supervisor and Commissioner are authorized to grant a reasonable extension of the 6-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 any 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 Commission 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 or as soon thereafter as required by the Supervisor or the Commissioner, the Unit Operator shall submit for approval by the Director, the Commissioner and the Commission a schedule, based on sub-divisions 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 land in said schedule on approval of the Director, the Commissioner and the Commission to constitute a participating area, effective as of the date of first production. Said schedule also shall 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, the 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, and the percentage of allocation shall also 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, unless a more appropriate effective date is specified in the schedule. 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 or revision of the participating area.

In the absence of agreement at any time between the Unit Operator and the Director, the Commissioner and the Commission as to the proper definition or redefinition 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, except royalties due the United States and the State of New Mexico, which shall be determined by the Supervisor and the Commissioner, respectively, and the amount thereof deposited as directed by the Supervisor and Commissioner, 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 on Federal land, and Commissioner as to wells on State land, and the ^X Commission as to wells on privately-owned 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 land on which the well is located so long as such land is not within a 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

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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 the
Commission, or unavoidably lost, shall be deemed to be produced equally
on an acreage basis from the several tracts of unitized land of the par-
ticipating 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 number of 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 participat-
ing 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,
and 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 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 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 the State of New Mexico and all royalty owners who, under existing contract, 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 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, law and regulations. Settlement for royalty interests 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 or production, or increasing ultimate recovery, which shall be in conformity with a plan first approved by the Supervisor, the Commissioner and the Commission, 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 and privately-owned lands shall be computed and paid on the basis of all unitized substances allocated to such lands.

15. RENTAL SETTLEMENT. Rentals 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.

With respect to any lease on non-Federal 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 provision 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. RIGHTS OF WORKING INTEREST OWNERS IN UNITIZED SUBSTANCES. Notwithstanding any provision contained herein to the contrary, if any, each working interest owner shall have the right to take such owner's proportionate share of the unitized substances in kind or to personally sell or dispose of the same, and nothing herein contained shall be construed as giving or granting to the Unit Operator the right to sell or otherwise dispose of the proportionate share of any working interest owner without specific authorization from time to time so to do.

Any working interest owner who takes its share of the unitized substances in kind shall pay or secure the payment of the royalty on its interest and furnish at its own expense all tankage and other equipment

necessary for taking said unitized substances in kind and shall also pay any other additional expenses of Unit Operator occasioned thereby. Likewise, any royalty owners who under existing contracts are entitled to take their share of the unitized substances in kind shall furnish at their own expense all equipment necessary in connection therewith, and shall reimburse Unit Operator for all expenses incurred on account thereof; provided, that as to Federal lands such expense, equipment and storage of royalty oil taken in kind shall be assumed and furnished pursuant to the provisions of the Federal leases involved.

17. 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 regulations.

18. DRAINAGE. The Unit Operator shall take appropriate and adequate measures to prevent drainage of unitized substances from unitized land by wells on land not subject to this agreement or pursuant to applicable regulations pay a fair and reasonable compensatory royalty as determined by the Supervisor for Federal land, or as approved by the Commissioner as to State land, or as determined by agreement between the unit operator and the royalty owner as to fee land.

19. 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 of 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 and the Commissioner, respectively, shall and by their approval hereof, or by the approval hereof by their duly authorized representatives do 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 part or separately owned tract subject to this agreement, regardless of whether there is any development of any particular part or tract of the unit area, notwithstanding anything to the contrary in any lease, operating agreement or other contract by and between the parties hereto, or their respective predecessors in interest, or any of them.

(b) Drilling and producing operations performed hereunder upon any tract of unitized lands will be accepted and deemed to be performed upon and for the benefit of each and every tract of unitized land, and no Federal or State lease shall be deemed to expire by reason of failure to drill or produce wells situated on land therein embraced.

(c) Suspension of drilling or producing operations on all unitized lands pursuant to direction or consent of the Secretary and 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.

(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 and the 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, provided, however, each such lease, sublease, or contract shall only be extended in the event unitized substances are capable of being produced from some part of the lands embraced in such lease committed

to this agreement, or some part of said lands are committed to a participating area prior to the expiration of the primary term of such lease, sublease, or contract. Termination of this agreement shall not affect any lease which pursuant to the terms thereof or applicable law shall continue in full force and effect thereafter.

(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 committed land so long as such land remains committed hereto, provided unitized substances are discovered in paying quantities within the unit area prior to the expiration date of the primary term of such lease. (Provided, however, if permitted by applicable law or any applicable valid regulation notwithstanding the foregoing such other Federal lease committed hereto shall continue in force beyond the term so provided therein so long as such land remains committed hereto, provided unitized substances are discovered in paying quantities within the unit area prior to the expiration date of such lease or any extension thereof).

(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 having only a portion of its lands committed hereto shall be segregated as to the portion committed and the portion not committed, and the terms 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.

20. MAPS AND SURVEYS. Well records and survey plats that an oil and gas lessee or Unit Operator must file, pursuant to applicable operating regulations, shall be available for inspection at the office of the Supervisor as to all lands of the United States and at the office of the Commissioner and Commission as to State and privately owned lands, to any party holding a potash permit or lease on the land upon which the well is situated insofar as such records are pertinent to the mining and protection of potash deposits.

21. 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 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.

22. EFFECTIVE DATE AND TERM. This agreement shall become effective upon approval by the Secretary or his duly authorized representative and shall terminate five years after such date unless (a) such date of expiration is extended by the Director and 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 formation 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 Director and Commissioner,

or (c) a valuable discovery of unitized substances has been made 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 paying quantities, e.i., in this particular instance in quantities sufficient to pay for the cost of producing the 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 Director; notice of any such approval to be given by the Unit Operator to all parties hereto.

23. 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 state-wide 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, however, 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 development 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.

24. 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 said 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 thing concerning which it is required herein that such concurrence be obtained.

25. APPEARANCES. Unit Operator shall, after notice to other parties affected, have the right to appear for or on behalf of any and all interests affected hereby before the Department of the Interior, the Commissioner of Public Lands and the New Mexico Oil Conservation Commission and to appeal from orders issued under the regulations of said Department, the Commissioner or Commission, 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.

26. 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 post-paid registered mail, addressed to such party or parties at their respective addresses set forth in connection with the signatures 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.

27. 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.

28. 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 accident, 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.

29. FAIR EMPLOYMENT. The Unit Operator shall not discriminate against any employee or applicant for employment because of race, creed, color, or national origin, and an identical provision shall be incorporated in all sub-contracts.

30. LOSS OF TITLE. In the event title to any tract of unitized land shall fail and the true owner cannot be induced to join 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 shall be deposited as directed by the Supervisor, and with the Commissioner of Public Lands of the State of New Mexico, 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.

31. 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, Commissioner and the Unit Operator prior to the approval of this agreement by the Director. 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. Prior to final approval hereof, joinder by any owner of a non-working interest must be accompanied by appro-

appropriate joinder by the owner of the corresponding working interest in order for the interest to be regarded as effectively committed hereto. 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, the Commissioner and the Commission 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 Director, Commissioner or Commission.

32. 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.

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

Date 5-13-53

RICHARDSON & BASS, a Co-partnership

By [Signature]

Address 1211 St. Michael's Hill Bldg.
St. Michael's Hill

UNIT OPERATOR AND WORKING INTEREST OWNER

WORKING INTEREST OWNERS:

CONTINENTAL OIL COMPANY

By [Signature]

Attorney in Fact
Address 1710 Fair Building

Fort Worth, Texas

MALCO REFINERIES, INC.
By [Signature]
VICE PRESIDENT
Box 660, Roswell, New Mexico

NOTED	
REAL	1/15/53
AND	2/2/53
NOI	7/1/53
COL	
EXPLOR	

ATTEST:

~~SECRETARY~~

Date May 8, 1953

ATTEST:

[Signature]
Secretary
Date 4-24-53

CERTIFICATE OF APPROVAL

BY COMMISSIONER OF PUBLIC LANDS, STATE OF NEW MEXICO
OF UNIT AGREEMENT FOR DEVELOPMENT AND OPERATION OF
JAMES RANCH UNIT AREA, EDDY COUNTY, NEW MEXICO

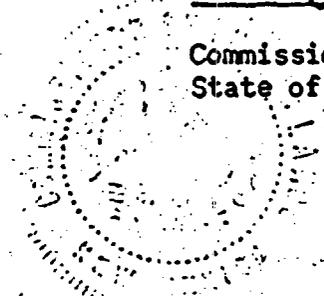
There having been presented to the undersigned Commissioner of Public Lands of the State of New Mexico for examination, an agreement for the development and operation of the James Ranch Unit Area, Eddy County, New Mexico, dated the 22nd day of April, 1953, in which Richardson & Bass, a Co-partnership, is designated as Operator, and which has been executed by various parties owning and holding oil and gas leases embracing lands within the Unit Area 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 field;
- (b) That under the operations proposed, the State will receive its fair share of the recoverable oil or gas in place under its land in the area affected;
- (c) That the Agreement is in other respects for the best interest of the State;
- (d) That the Agreement provides for the unit operation of the field, for the allocation of production, and the sharing of proceeds from a part of the area covered by the agreement on an acreage basis as specified in the agreement.

NOW, THEREFORE by virtue of the authority conferred upon me by the laws of the State of New Mexico, I, the undersigned Commissioner of Public Lands of the State of New Mexico for the purpose of more properly conserving the oil and gas resources of the State, do hereby consent to and approve the above referred to James Ranch Unit Agreement as to the lands of the State of New Mexico committed thereto, and all oil and gas leases embracing lands of the State of New Mexico committed to said Agreement shall be and the same are hereby amended so that the provisions thereof will conform to the provisions of said Unit Agreement and so that the length of the secondary term of each such lease as to the lands within the unit area will be extended, insofar as necessary, to coincide with the term of said Unit Agreement, and in the event the term of said Unit Agreement shall be extended as provided therein such extension shall also be effective to extend the term of each oil and gas lease embracing lands of the State of New Mexico committed to said Unit Agreement which would otherwise expire, so as to coincide with the extended term of such Unit Agreement.

IN WITNESS WHEREOF, this certificate of approval is executed as of this the 14th day of May, 1953.


Commissioner of Public Lands of the
State of New Mexico



CERTIFICATION - DETERMINATION

Pursuant to the authority vested in the Secretary of the Interior, under the Act approved February 25, 1920, 41 Stat. 437, 30 U.S.C. Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, and delegated to the Director of the Geological Survey pursuant to Departmental Order 2365 of October 8, 1947, 43 C.F.R. Sec. 4.611, 12 F.R. 6784, I do hereby:

A. Approve the attached agreement for the development and operation of the James Ranch Unit Area, State of New Mexico.

B. Certify and determine that the unit plan of development and operation set forth in the attached agreement is necessary and advisable in the public interest and is 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.

Thomas B. Nolan
Acting Director, United States
Geological Survey

Dated JUN 16 1953

EXHIBIT "B"
JAMES RANCH UNIT AREA, EDDY COUNTY, NEW MEXICO
TWPS. 22 and 23 S., RGS. 30 and 31 E., N.M.P.M.

SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS IN ALL LANDS IN THE UNIT AREA

Tract No.	Description of Land	No. of Acres	Application or Ser. No. & Effective Date	Basic Royalty & Percentage	Lessee of Record	Overriding Royalty & Percentage	Working Interest Owner
FEDERAL LAND							
1.	T-22-S, R-30-E Sec. 12: SE $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 13: NE $\frac{1}{4}$ Sec. 23: S $\frac{1}{2}$ SW $\frac{1}{4}$, NW $\frac{1}{2}$ SW $\frac{1}{4}$	520	NM 0300 11-1-51	USA-All	Allie V. Tapp	Allie V. Tapp	3% Sid W. Richardson & Perry R. Bass
2.	T-23-S, R-31-E Sec. 5: SW $\frac{1}{4}$ NW $\frac{1}{4}$, W $\frac{1}{2}$ SW $\frac{1}{4}$	120	NM 02883 4-1-52	USA-All	Marguerite Payne	Marguerite Payne, Obligation \$200 per acre out of .5% of production	Sid W. Richardson & Perry R. Bass
3.	T-23-S, R-30-E Sec. 1: Lots 3 & 4	80.72	NM 02884 4-1-52	USA-All	Wallace Wimberly	Wallace Wimberly Obligation \$400 per acre out of 1% of production	Continental Oil Company
3-a	T-23-S, R-30-E Sec. 1: Lots 1 & 2, S $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$	320.24	NM 02884 4-1-52	USA-All	Wallace Wimberly	Wallace Wimberly Obligation \$400 per acre out of 1% of production	Sid W. Richardson & Perry R. Bass
4.	T-23-S, R-31-E. Sec. 6: Lots 1, 2, 3, 4, 5, SE $\frac{1}{4}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 7: Lots 1, 2, 3, 4, E $\frac{1}{2}$ W $\frac{1}{2}$ Sec. 18: Lots 1, 2, E $\frac{1}{2}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$	1009.17	NM 02887 4-1-52	USA-All	Wallace Wimberly	Wallace Wimberly Obligation \$400 per acre out of 1% of production	Continental Oil Company
4-a	T-23-S, R-31-E Sec. 5: Lot 4 Sec. 7: W $\frac{1}{2}$ E $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$ E $\frac{1}{2}$ SE $\frac{1}{4}$	319.98	NM 02887 4-1-52	USA-All	Wallace Wimberly	Wallace Wimberly Obligation \$400 per acre out of 1% of production	Sid W. Richardson & Perry R. Bass

5. <u>T-22-S, R-30-E</u> Sec. 15: N 1	320	NM 02951 5-1-52	USA-All	Reagan H. Legg	Reagan H. Legg Obligation \$400 per acre out of 1% of production	Sid W. Richardson & Perry R. Bass
6. <u>T-22-S, R-30-E</u> Sec. 27: S 1 Sec. 33: E 1 Sec. 34: S 1 Sec. 35: N 1	1280	NM 02952 5-1-52	USA-All	Reagan H. Legg	Reagan H. Legg Obligation \$200 per acre out of .5% of production Marvin J. Coles Obligation \$200 per acre out of .5% of production	Continental Oil Company
6-a. <u>T-22-S, R-30-E</u> Sec. 27: N 1 Sec. 34: N 1 Sec. 35j: S 1	960	NM 02952 5-1-52	USA-All	Reagan H. Legg	Reagan H. Legg Obligation \$200 per acre out of .5% of production Marvin J. Coles Obligation \$200 per acre out of .5% of production	Sid W. Richardson & Perry R. Bass
7. <u>T-22-S, R-30-E</u> Sec. 15: S 1 Sec. 21: E 1 E 1 Sec. 22: S 1 Sec. 25: S 1 E 1 Sec. 26: S 1 E 1 , N 1 <u>T-22-S, R-31-E</u> Sec. 31: Lots 1, 2, 3, 4, E 1 N 1 , E 1	1921.84	NM 02953 5-1-52	USA-All	Reagan H. Legg	Reagan H. Legg Obligation \$200 per acre out of .5% of production Marvin J. Coles Obligation \$200 per acre out of .5% of production	Continental Oil Company
7-a. <u>T-22-S, R-30-E</u> Sec. 22: N 1 Sec. 25: S 1 W 1 Sec. 26: S 1 W 1	640	NM 02953 5-1-52	USA-All	Reagan H. Legg	Reagan H. Legg Obligation \$200 per acre out of .5% of production Marvin J. Coles Obligation \$200 per acre out of .5% of production	Sid W. Richardson & Perry R. Bass
8. <u>T-23-S, R-31-E</u> Sec. 6: Lots 6, 7, E 1 S 1 W 1 W 1 S 1 E 1 , S 1 E 1 S 1 E 1	282.09	NM 04473 11-1-52	USA-All	Howard W. Jennings	Howard W. Jennings	3% Sid W. Richardson & Perry R. Bass

9.	<u>T-22-S, R-30-E</u> Sec. 19: Lots 1,2,3,4, E ₂ W ₁ , E ₃	640.04	NM06806 6-1-52	USA-All	Lucy R. Muse	Oscar T. Hoover Obligation \$75 per acre out of .3% of production Ernest A. Hanson Obligation \$675 per acre out of 2.7% of production	Sid W. Richardson & Perry R. Bass
10.	<u>T-22-S, R-30-E</u> Sec. 20: All	640	NM 06807 6-1-52	USA-All	Nell F. Stull 90% Robert E. Lee Hall 10%	Nell F. Stull	Sid W. Richardson & Perry R. Bass
11.	<u>T-22-S, R-30-E</u> Sec. 21: W ₂ E ₂ , W ₃	480	NM 06808 6-1-52	USA-All	Lucy R. Muse	Robert V. Wollard	Sid W. Richardson & Perry R. Bass
12.	<u>T-22-S, R-30-E</u> Sec. 28: S ₂ , NE ₁	480	NM 06809 7-1-52	USA-All	Bert Fields	None	Bert Fields
12-a.	<u>T-22-S, R-30-E</u> Sec. 28: NW ₁	160	NM 06809 7-1-52	USA-All	*Bert Fields	None	Sid W. Richardson & Perry R. Bass
13.	<u>T-22-S, R-30-E</u> Sec. 29: All	640	NM 06810 6-1-52	USA-All	Louis Slusky	None	Louis Slusky
14.	<u>T-22-S, R-30-E</u> Sec. 30: Lots 1,2,3,4 E ₂ W ₁ , SE ₁ , NW ₁ NE ₁ SE ₁ NE ₁	599.92	NM 06811 7-1-52	USA-All	Edward M. Muse	Wm. V. Stone	Sid W. Richardson & Perry R. Bass
15.	<u>T-22-S, R-30-E</u> Sec. 13: W ₂ , SE ₁ Sec. 23: N ₂ , NE ₁ SW ₁ , SE ₁ Sec. 24: NE ₁ , N ₃ NW ₁ , SE ₁ NW ₁ , S ₂ Sec. 25: N ₂ Sec. 26: NE ₁	2080	LC 064827 2-1-51	USA-All	Joe Whitehurst	None	Malco Refineries, Inc.
16.	<u>T-22-S, R-31-E</u> Sec. 8: SW ₁ , S ₂ NW ₁ Sec. 17: NW ₁ , S ₂ Sec. 20: N ₂ , SW ₁ , NW ₁ SE ₁ , SW ₁ SE ₁	1320	LC 069507 10-1-51	USA-All	Bonnie H. Matlock	Bonnie H. Matlock Obligation \$1,259,860 Out of 3% of production	Sid W. Richardson & Perry R. Bass

* Assignment from Bert Fields to Sid W. Richardson & Perry R. Bass pending approval.

17.	<u>T-22-S, R-31-E</u> Sec. 20: <u>SE$\frac{1}{4}$SE$\frac{1}{4}$</u> Sec. 29: <u>W$\frac{1}{2}$W$\frac{1}{2}$</u> Sec. 30: Lots 1, 2, 3, 4, <u>SW$\frac{1}{4}$NE$\frac{1}{4}$, E$\frac{1}{2}$W$\frac{1}{2}$,</u> <u>SE$\frac{1}{4}$</u>	721.36	LC 069508 11-1-51	USA-All	Margaret M. Wilder	Margaret M. Wilder Obligation \$1,240,680 out of 3% of production	Sid W Richardson & Perry R. Bass
18.	<u>T-22-S, R-31-E</u> Sec. 7: Lots 2, 3, 4, <u>SE$\frac{1}{4}$NW$\frac{1}{4}$, E$\frac{1}{2}$SW$\frac{1}{4}$,</u> <u>S$\frac{1}{2}$NE$\frac{1}{4}$, SE$\frac{1}{4}$</u> Sec. 18: Lots 1, 2, 3, 4, <u>E$\frac{1}{2}$W$\frac{1}{2}$, E$\frac{1}{2}$</u> Sec. 19: Lots 1, 2, 3, 4, <u>E$\frac{1}{2}$W$\frac{1}{2}$, E$\frac{1}{2}$</u> Sec. 30: <u>N$\frac{1}{2}$NE$\frac{1}{4}$, SE$\frac{1}{4}$NE$\frac{1}{4}$</u>	1881.06	LC 069509 2-1-52	USA-All	George S. Morrison	George S. Morrison Obligation \$1,260,105 out of 3% of production	Sid W Richardson & Perry R. Bass
19.	<u>T-22-S, R-30-E</u> Sec. 14: <u>S$\frac{1}{2}$</u>	320	LC 069877 5-1-51	USA-All	Mrs. Josephine T. Hudson Wm. A. Hudson	None	Mrs. Josephine T. Hudson Wm. A. Hudson
19-a.	<u>T-22-S, R-30-E</u> Sec. 14: <u>N$\frac{1}{2}$</u>	320	LC 069877 5-1-51	USA-All	* Mrs. Josephine T. Hudson Wm. A. Hudson	None	Sid W Richardson & Perry R. Bass
20.	<u>T-23-S, R-31-E</u> Sec. 8: <u>W$\frac{1}{2}$</u> Sec. 17: <u>NW$\frac{1}{4}$</u>	480	LC 071988 8-1-51	USA-All	Alma Cannon	Alma Cannon Frank O. Elliott	Sid W Richardson & Perry R. Bass

20 FEDERAL TRACTS, CONTAINING 18,536.42 ACRES, OR 89.7% OF UNIT AREA

* Sub-Lease from Mrs. Josephine T. Hudson and Wm. A. Hudson to
Sid W. Richardson & Perry R. Bass, pending approval.