

BEFORE THE COMMISSION
OIL CONSERVATION
SANTA FE COUNTY, NEW MEXICO
EXHIBIT NO. 1A
CASE 1213

UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION
OF THE TANNER UNIT AREA
COUNTY OF SAN JUAN, STATE OF NEW MEXICO

NO. _____

THIS AGREEMENT, made and entered into as of the 15 day of MARCH, 1957, by and between the parties subscribing, ratifying or consenting hereto and herein referred to as the "parties hereto".

WITNESSETH:

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. Sections 131 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 (Chapter 88 Laws of 1943) to consent to and approve the development or operation of lands of the State of New Mexico under this Agreement; and

WHEREAS, the rules and regulations governing the leasing of restricted allotted and tribal Indian lands for oil and gas except allotments made to the members of the five civilized tribes and Osage Indians in Oklahoma, promulgated by the Secretary of the Interior (25 C.F.R. 189.24 (c)) under and pursuant to the Act of March 3, 1909, 35 Stat. 783, 25 U.S.C. Section 396 and the Tribal Land Mineral Leasing Act of May 11, 1938, 52 Stat. 347, 25 U.S.C. Section 396A et seq., and the oil and gas leases covering said allotted and tribal Indian lands provide for the commitment of such leases to a cooperative or unit plan of development or operation; and

WHEREAS, the Oil Conservation Commission of the State of New Mexico is authorized by an Act of the Legislature (Chapter 72 Laws of 1935, as amended

by Chapter 193, Laws of 1937, Chapter 166, Laws of 1941, and Chapter 168, Laws of 1949) to approve this Agreement and the conservation provisions hereof; and

WHEREAS, the parties hereto hold sufficient interest in the Tanner Unit Area covering the land hereinafter described to give reasonably effective control of operations thereon; 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, 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; as to Indian lands, the Acts of March 3, 1909, and May 11, 1938, 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, provided such regulations are not inconsistent with the terms of this Agreement; and as to State of New Mexico 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 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:

New Mexico Principal Meridian

T. 23 N., R. 12 W., N.M.P.M.

Sec. 1: Lots 5 thru 20 (All)
Sec. 2: Lots 1, 2, 3, 4, $S\frac{1}{2}N\frac{1}{2}$, $S\frac{1}{2}$ (All)
Sec. 3: Lots 5 thru 16, $SW\frac{1}{4}$ (All)
Sec. 4: Lots 5 thru 20 (All)

Sec. 5: Lots 5 thru 20 (All)
 Sec. 6: Lots 8 thru 23 (All)
 Sec. 7: Lots 5 thru 19, $SE\frac{1}{4}SE\frac{1}{4}$ (All)
 Sec. 8: Lots 1 thru 14, $S\frac{1}{2}SW\frac{1}{4}$ (All)
 Sec. 9: Lots 1,2,3,4, $NE\frac{1}{4}$, $S\frac{1}{2}$ (All)
 Sec. 10: Lots 1 thru 8, $E\frac{1}{2}$ (All)
 Sec. 11: All
 Sec. 12: Lots 1 thru 16 (All)
 Sec. 13: Lots 1 thru 16 (All)
 Sec. 14: Lots 1 thru 8, $N\frac{1}{2}$ (All)
 Sec. 15: Lots 1 thru 8, $N\frac{1}{2}$ (All)
 Sec. 16: All
 Sec. 17: Lots 1 thru 13, $NW\frac{1}{4}SW\frac{1}{4}$, $S\frac{1}{2}SW\frac{1}{4}$ (All)
 Sec. 18: Lots 1 thru 6, $E\frac{1}{2}NW\frac{1}{4}$, $E\frac{1}{2}NE\frac{1}{4}$, $E\frac{1}{2}SW\frac{1}{4}$, $SE\frac{1}{4}$ (All)
 Sec. 19: Lots 5 thru 20 (All)
 Sec. 20: Lots 1 thru 16 (All)
 Sec. 21: Lots 1 thru 16 (All)
 Sec. 22: Lots 1 thru 16 (All)
 Sec. 23: Lots 1 thru 8, $S\frac{1}{2}$ (All)
 Sec. 24: Lots 1 thru 8, $S\frac{1}{2}$ (All)
 Secs. 25 thru 29: All
 Sec. 30: Lots 1,2,3,4, $E\frac{1}{2}$, $E\frac{1}{2}W\frac{1}{2}$ (All)
 Sec. 31: Lots 1,2,3,4, $E\frac{1}{2}$, $E\frac{1}{2}W\frac{1}{2}$ (All)
 Secs. 32 thru 36: All

T. 24 N., R. 12 W., N.M.P.M.

Sec. 19: Lots 5 thru 20 (All)
 Sec. 20: Lots 1 thru 16 (All)
 Sec. 21: Lots 1 thru 16 (All)
 Sec. 22: Lots 1 thru 16 (All)
 Sec. 23: Lots 1 thru 16 (All)
 Sec. 24: Lots 1 thru 16 (All)
 Sec. 25: Lots 1 thru 16 (All)
 Sec. 26: Lots 1 thru 16 (All)
 Sec. 27: Lots 1 thru 16 (All)
 Sec. 28: Lots 1 thru 16 (All)
 Sec. 29: Lots 1 thru 16 (All)
 Sec. 30: Lots 5 thru 20 (All)
 Sec. 31: Lots 5 thru 20 (All)
 Sec. 32: All
 Sec. 33: Lots 1 thru 16 (All)
 Sec. 34: Lots 1 thru 16 (All)
 Sec. 35: Lots 1 thru 16 (All)
 Sec. 36: All

containing 35,751.16 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 "State Commissioner", and not less than seven (7) copies of the revised exhibits shall be filed with the Supervisor and one (1) copy thereof shall be filed with the State Commissioner and one (1) copy with the New Mexico Oil Conservation Commission, hereinafter referred to as "State Commission". The Commissioner of Indian Affairs shall hereafter be referred to as the "Indian Commissioner".

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 provisions of this Agreement. Such expansion or contraction shall be effected 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 State 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 State Commissioner and the State Commission, and copies thereof mailed to the last known address of each working interest owner, lessee, and lessor whose interests are affected, advising that thirty (30) days will be allowed for submission to the Unit Operator of any objections.

(c) Upon expiration of the thirty (30) day period provided in the preceding item (b) hereof, Unit Operator shall file with the Supervisor, the State Commissioner and the State 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 Director, the State Commissioner and the State Commission, become effective as of the date prescribed in the notice thereof.

(e) All legal subdivisions of unitized 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 aliquote equivalent thereof, for the purpose of elimination under this subsection), no parts of which are entitled to be in a participating area within five (5) years after the first day of the month following the effective date of the first initial participating area established under this Unit Agreement, shall be eliminated automatically from this Agreement, effective as of the first day thereafter, and such lands shall no longer be a part of the unit area and shall no longer be subject to this Agreement, unless at the expiration of said five-year period diligent drilling operations are in progress on unitized lands not entitled to participation, in which event all such lands shall remain subject hereto for so long as such drilling operations are continued diligently, with not more than ninety (90) days time elapsing between the completion of one such well and the commencement of the next such well, except that the time allowed between such wells shall not expire earlier than thirty (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"; provided that all legal subdivisions of lands not in a participating area and not entitled to become participating under the applicable provisions of this Agreement within seven (7) years after said first day of the month following the effective date of said first initial participating area shall be eliminated as above specified. Determination of creditable "Unavoidable Delay" time shall be made by Unit Operator and subject to approval of the Commissioner and the Director. The Unit Operator shall, within ninety (90) days after the effective date of any elimination hereunder, describe the area so eliminated to the satisfaction of the Commissioner and the Director and promptly notify all parties in interest.

If conditions warrant extension of the seven (7) year period specified in this subsection 2(e), a single extension of not to exceed two (2) years

may be accomplished by consent of the owners of 90% of the current unitized working interests and 60% of the current unitized basic royalty interests (exclusive of the basic royalty interests of the United States), on a total-nonparticipating-acreage basis, respectively, with approval of the Commissioner and the Director, provided such extension application is submitted to the Commissioner and the Director not later than sixty (60) days prior to the expiration of said seven (7) 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: Humble Oil & Refining Company, a Texas corporation with offices at Houston, 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 as set forth in Exhibit "B" attached hereto 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 an owner of 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 (6) months after notice of intention to resign has been served by Unit Operator on all working interest owners and the Director, the State Commissioner and the State 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 and Indian lands and by the State 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.

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, the State Commissioner and the State Commission.

At any time a participating area established hereunder is in existence, the unit operator shall have the right to resign in like manner and subject to like limitations as above provided, and removal because of default or failure may occur, but, at any time for any reason whatsoever there is no unit operator and until a successor unit operator is selected and approved as hereinafter provided, the working interest owners jointly shall be responsible for performance of the duties of unit operator, and shall, not later than thirty (30) days before the resignation or removal becomes effective, appoint a common agent to represent them in any action to be taken hereunder.

The resignation or removal of Unit Operator under this Agreement shall not terminate its right, title, or interest as the owner of a working interest or other interest in unitized substances, but upon the resignation or removal of Unit Operator becoming effective such Unit Operator shall deliver possession of all 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 seventy-five per cent (75%) of the working interests qualified to vote are owned by one party to this Agreement, a concurring vote of sufficient additional working interest owners shall be required so as to constitute in the aggregate not less than seventy-five per cent (75%) of the total working interests in order 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 State Commissioner. If no successor Unit Operator is selected and qualified as herein provided, the Director and State 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 in the first instance by Unit Operator and such costs and expenses so paid by Unit Operator shall be apportioned among and borne by the owners of working interests and the Unit Operator reimbursed, 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 true copies of any unit operating agreement executed pursuant to this section should be filed with the Supervisor prior to approval of this Agreement.

Notwithstanding any provision contained herein to the contrary, 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.

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 (6) months after the effective date hereof, Unit Operator shall begin to drill an adequate test well at a location approved by the Supervisor if on federal or Indian land, by the State Commissioner if on state land, or by the State Commission if on privately-owned land, unless on such effective date a well is being drilled conformably

with the terms hereof, and shall continue such drilling diligently until the Dakota formation has been tested, and shall thereafter continue the drilling of one well at a time until at least two additional wells have been drilled on the unit area to a depth sufficient to test the Dakota formation, with the elapse of not more than sixty (60) days between the time of the completion of one well and the commencement of the next, unless the Unit Operator shall have established to the satisfaction of the Supervisor, if on federal or Indian land, the State Commissioner if on state land, or the State Commission if on privately-owned land, that the further drilling of any well or wells would be unwarranted or impracticable; provided, however, if Unit Operator shall not in any event be required to drill any of said wells to a depth in excess of 5,500 feet.

After the completion of the three wells specified in the foregoing paragraph and until the discovery of a deposit of unitized substances capable of being produced in paying quantities, Unit Operator shall continue drilling diligently one well at a time, allowing not more than six (6) 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 or Indian lands, the State Commissioner if on state land, or the State Commission if on privately-owned land, 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 Unit Operator to resign as provided in Section 5 hereof, or as requiring Unit Operator to commence or to continue any drilling during the period pending such resignation becoming effective in order to comply with the requirements of this section. After the completion of the three (3) wells referred to in the first paragraph of this section, the Director and State 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 comply with the drilling provisions of this section, the Director and the State Commissioner may, after reasonable notice to the Unit Operator, and each working interest owner, lessee, and lessor at their last known address, declare this Unit Agreement terminated.

10. PLAN OF FURTHER DEVELOPMENT AND OPERATION: Within six (6) months after the completion of a well capable of producing unitized substances in paying quantities, the Unit Operator shall submit for the approval of the Supervisor, the State Commissioner and the State Commission an acceptable plan of development and operation for the unitized land which, when approved by the Supervisor, the State Commissioner and the State Commission shall constitute the further drilling and operating obligations of the Unit Operator under this Agreement for the period specified therein. Thereafter, from time to time before the expiration of any existing plan, the Unit Operator shall submit for the approval of the Supervisor, the State Commissioner and the State Commission, a plan for an additional specified period for the development and operation of the unitized land. Any plans 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 State Commissioner and the State 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 location 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 State Commissioner and the State 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 the approved plan of development.

The Supervisor and State Commissioner are authorized to grant a reasonable extension of the six (6) months 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 oil or gas in paying quantities, no further wells, except such as may be necessary to afford protection against operations not under this

Agreement, or such undrilled initial test wells specified in Section 9 above, or such as may be specifically approved by the Supervisor and the State 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 completion, if practicable, or as soon thereafter as required by the Supervisor or the State Commissioner, submit for approval by the State Commissioner, the State Commission and the Director, 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 land in said schedule, on approval of the State Commissioner, the State Commission and the Director to constitute a participating area, effective as of the date of completion of such well, or the effective date of this Unit Agreement, whichever is later. 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 said schedule shall govern the allocation 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 zone or pool, and any two or more participating areas so established may be combined into one with the consent of the owners of all working interest of the lands so to be combined and the approval of the State Commissioner, the State Commission and the Director. The participating area or areas so established and approved 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 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, provided, however, that a more appropriate effective date may be used if

justified by the Unit Operator and approved by the Director. 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 revision of the participating area.

In the absence of agreement at any time between the Unit Operator and the Director, the State Commissioner and the State 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, Indians and the State of New Mexico, which shall be determined by the Supervisor for federal or Indian lands and the State Commissioner for state lands and the amount thereof deposited as directed by the Supervisor and the State 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, Indian 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 and Indian land and of the State Commissioner as to wells drilled on state land, and the State 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 royalty 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 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, the State Commissioner and the State 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 AND DRILLING OF WELLS NOT MUTUALLY AGREED UPON: Any party or parties hereto owning or controlling the working interests or a majority of the working interests in any unitized land having thereon a regular well location may, with the approval of the Supervisor as to federal or Indian land, and the State Commission as to state land and privately-owned land, and subject to the provisions of the unit operating agreement, 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,

or drill any well not mutually agreed to by all interested parties, unless within ninety (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 party or parties paying the cost of drilling such well shall be reimbursed as provided in the unit operating agreement for the cost of drilling such well, and the well shall thereafter be transferred to and 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 to 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, the Indians and the State of New Mexico 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 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 of the lands being operated 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, the State Commissioner and the State 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 State Commissioner and the State 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 and the Indians 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 or Indian land as provided herein at the rates specified in the respective federal or Indian 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: 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 and Indian lands subject to this Agreement shall be paid at the rate specified in the respective leases from the United States and

Indians 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 committed lease on non-federal or non-Indian 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 thereafter until the required drilling operations are commenced upon the land covered thereby or some portion of such land is included in 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 appropriate and adequate measures to prevent drainage of unitized substances from unitized land by wells on land not subject to this Agreement, including wells on adjacent unit areas, or with the consent of the Director or the State Commissioner, respectively, pursuant to applicable regulations pay a fair and reasonable compensatory royalty as determined by the Supervisor for federal or Indian lands or as approved by the State Commissioner for 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 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 as to federal and Indian leases and the State 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, Indian 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 tract or part 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 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 lands pursuant to direction or consent of the Secretary and the State 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 Indians, 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, where not already extended by production, 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 or Indian 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 subject hereto, provided that production is had in paying quantities under this Agreement prior to the expiration date of the term of such lease.

(f) Each sublease or contract relating to the operation and development of unitized substances from lands of the United States, or the Indians, 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) The segregation of any federal lease committed to this Agreement is governed by the following provision in the fourth paragraph of Sec. 17(b) of the Act, as amended by the Act of July 29, 1954, (68 Stat. 583, 585): "Any (federal) lease hereafter committed to any such (unit) plan embracing lands that are in part within and in part outside of the area covered by any such plan shall be segregated into separate leases as to the lands committed and the lands not committed as of the effective date of unitization: Provided, however, that any such lease as to the nonunitized portion shall continue in force and effect for the term hereof 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."

(h) Any lease embracing lands of the Indians or 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 terms 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 unitized substances are discovered and are capable of being produced in paying quantities from some part of the lands embraced in such lease committed to this agreement 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 unitized substances, said lease shall continue in full force and effect as to all of the lands embraced therein, so long thereafter as unitized substances in paying quantities are being produced from any portion of said lands.

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 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 State Commissioner, the Indian Commissioner, and the Director, or their duly authorized representatives, as of the date of approval by the Director, and shall terminate five years after such date, unless (a) such date of expiration is extended by the Director and State 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 Director and State 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, i.e., in this particular instance 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 seventy-five (75) per centum, on an acreage basis, of the owners of working interests signatory hereto, with the approval of the Director and State Commissioner; notice of any such approval to be given by the Unit Operator to all parties hereto.

21. RATE OF PROSPECTING, DEVELOPMENT, AND PRODUCTION: All production and the disposal thereof shall be in conformity with allocations and quotas made or fixed by any duly authorized person or regulatory body under any federal or state statute. The Director is hereby vested with authority to alter or modify from time to time, in his discretion, the rate of prospecting and development and within the limits made or fixed by the State Commission to alter or modify the quantity and rate of production under this Agreement, such authority being hereby limited to alteration or modification in the public interest, the purpose thereof and the public interest to be served thereby to be stated in the order of alteration or modification; 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 development in the absence of the specific written approval thereof by the State 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 State 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 fifteen (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 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. The parties hereto, including the State Commission, agree that all powers and authority vested in the State Commission in and by any provisions of this contract are vested in the State 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 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 State Commission or State 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 State Commissioner or State 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, demand or statements required hereunder 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

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 part 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. FAIR EMPLOYMENT: In connection with the performance of work under this Agreement, the Unit Operator agrees not to discriminate against any employee or applicant for employment because of race, religion, color, or national origin. The aforesaid provision shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Unit Operator agrees to post hereafter in conspicuous places, available for employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of the nondiscrimination clause.

The Unit Operator agrees to insert the foregoing provision in all subcontracts hereunder, except subcontracts for standard commercial supplies or raw materials.

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, so that such tract is not committed to this Unit Agreement, or the operation thereof hereunder becomes impractical as a result thereof, 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, Indian and state land or leases, no payments of funds due the United States, Indians 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 shall be deposited as directed by the State 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 State Commissioner and the Unit Operator prior to the approval of this Agreement by the Director. Any such tract not so withdrawn shall be considered as unitized, and any necessary adjustments of royalty occasioned by failure of the royalty and record owner to join will be for the account of the corresponding working interest owner. 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 appropriate joinder by the owner of the corresponding working interest in order for the interest to be regarded as effectively 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 effectively 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, the State Commissioner and the State 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 sixty (60) days by the Director, State Commissioner or State Commission.

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.

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

HUMBLE OIL & REFINING COMPANY

BY: _____

ADDRESS: _____

UNIT OPERATOR AND WORKING INTEREST OWNER

ATTEST:

Secretary

Date _____

By _____

Address _____

ATTEST:

Secretary

Date _____

By _____

Address _____

ATTEST:

Secretary

Date _____

By _____

Address _____

ATTEST:

Secretary

Date _____

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ATTEST:

Secretary

Date _____

By _____

Address _____

ATTEST:

Secretary

Date _____

By _____

Address _____

STATE OF _____)
COUNTY OF _____) ss

The foregoing instrument was acknowledged before me this _____ day of _____, 1957, by _____, _____ of _____, a _____ Corporation, on behalf of said Corporation.

My Commission Expires: _____

Notary Public

STATE OF _____)
COUNTY OF _____) ss

The foregoing instrument was acknowledged before me this _____ day of _____, 1957, by _____, _____ of _____, a _____ Corporation, on behalf of said Corporation.

My Commission Expires: _____

Notary Public

STATE OF _____)
COUNTY OF _____) ss

The foregoing instrument was acknowledged before me this _____ day of _____, 1957, by _____, _____ of _____, a _____ Corporation, on behalf of said Corporation.

My Commission Expires: _____

Notary Public

STATE OF _____)
COUNTY OF _____) ss

The foregoing instrument was acknowledged before me this _____ day of _____, 1957, by _____, _____ of _____, a _____ Corporation, on behalf of said Corporation.

My Commission Expires: _____

Notary Public

STATE OF _____)
COUNTY OF _____) ss

The foregoing instrument was acknowledged before me this _____ day of _____, 1957, by _____, _____ of _____, a _____ Corporation, on behalf of said Corporation.

My Commission Expires: _____

Notary Public

EXHIBIT "B"

SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP
OF ALL LANDS WITHIN THE TANNER UNIT AREA, TOWNSHIPS 23
AND 24 NORTH, RANGE 12 WEST, SAN JUAN COUNTY, NEW MEXICO

Tract Number	Description	No. of Acres	Ser. No. & Date of Lease or Application	Basic Royalty & Percentage Record	Overriding Royalty & Percentage	Working Interest & Percentage *
<u>FEDERAL LANDS</u>						
1.	T-23-N, R-12-W Sec. 18: Lots 3, 4, E $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 19: Lots 5 thru 12, incl., (N $\frac{1}{2}$)	485.42	SF-078221 12-1-47	USA 12 $\frac{1}{2}$ %	None	Harold Kogan
2.	T-24-N, R-12-W Sec. 30: Lots 5 thru 20, Incl., (All) Sec. 31: Lots 5 thru 20, Incl., (All) Sec. 33: Lots 1 thru 16, Incl., (All) Sec. 34: Lots 1 thru 16, Incl., (All)	2720.58	SF-078379 5-1-48	USA 12 $\frac{1}{2}$ %	Marion Donnell and Robert Donnell	Humble Oil & Refining Company 5%
3.	T-24-N, R-12-W Sec. 25: Lots 2, 3, 4, 5, 6, 7, 10, 11, 12, 13, 14, Sec. 26: Lots 1 thru 16, Incl., (All) Sec. 28: Lots 1 thru 16, Incl., (All) Sec. 29: Lots 1 thru 16, Incl., (All)	2527.76	SF-078380 12-1-47	USA 12 $\frac{1}{2}$ %	Marion Donnell and Robert Donnell	Humble Oil & Refining Company 5%
4.	T-24-N, R-12-W Sec. 23: Lots 1 thru 16, Incl., (All)	685.77	SF-078549 6-1-49	USA 12 $\frac{1}{2}$ %	Bill R. Vanderslice Dona Giesen Riddle Robert B. Katson H. L. Fannin, Jr.	H. L. Fannin, Jr. 1/2 Southern Union 1/2 1%

EXHIBIT "B" (Continued)

5.	<u>T-24-N, R-12-W</u> Sec. 35: Lots 1 thru 16, Incl., (All)	685.52	SF-078686 4-1-48	USA 12 $\frac{1}{2}$ %	Kathryn B. Richardson	Robert E. McKee \$1000 per acre out of 5%	Humble Oil & Refining Company
6.	<u>T-24-N, R-12-W</u> Sec. 24: Lots 2, 4, 6, 8, 10, 12, 14, & 16	344.91	SF-078969-A 2-1-48	USA 12 $\frac{1}{2}$ %	George H. Smith	J. C. Fincher Estate of H. S. McGruder R. H. Ernest	Three States Natural Gas Company 1.25% .625% .625%
7.	<u>T-24-N, R-12-W</u> Sec. 24: Lots 1, 3, 5, 7, 9, 11, 13, 15	344.91	SF-078969-A 2-1-48	USA 12 $\frac{1}{2}$ %	George H. Smith	J. C. Fincher Estate of R. S. McGruder R. H. Ernest	H. L. Fannin, Jr. 1.25% .625% .625%
8.	<u>T-23-N, R-12-W</u> Sec. 26: All Sec. 34: E $\frac{1}{2}$, NW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$	1160.00	SF-079155 5-1-48	USA 12 $\frac{1}{2}$ %	Noah Spatter	Thelma M. Graham Noah Spatter	Pubco Development, Incorporated 2% 3%
9.	<u>T-23-N, R-12-W</u> Sec. 28: NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$	280.00	SF-079155-A 5-1-48	USA 12 $\frac{1}{2}$ %	Carroll T. Payne	Thelma M. Graham Noah Spatter and Frances Spatter, \$1000 per acre out of	Humble Oil & Refining Company 2% 3%
10.	<u>T-23-N, R-12-W</u> Sec. 23: Lots 1 thru 8, Incl. S $\frac{1}{2}$ (All) Sec. 24: Lots 1 thru 8, Incl., S $\frac{1}{2}$ (All)	1299.83	SF-079179 9-1-48	USA 12 $\frac{1}{2}$ %	Texas National Petroleum Company R. E. Beaman	Jose E. Armijo Carl W. Ilfield 5/6 1/6	Texas National Petroleum Company 1.25% 1.25%
11.	<u>T-23-N, R-12-W</u> Sec. 17: Lot 11, W $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$ (SW $\frac{1}{4}$) Sec. 18: Lots 5 and 6, E $\frac{1}{2}$ NE $\frac{1}{4}$ (NE $\frac{1}{4}$) Sec. 20: Lots 3, 4, 5, 6, 11, 12, 13, 14 (W $\frac{1}{2}$) Sec. 21: Lots 11, 12, 13, 14 (SW $\frac{1}{4}$)	822.58	SF-079200 8-1-48	USA 12 $\frac{1}{2}$ %	Carroll T. Payne	J. Felix Hickman and Merle Hickman	Humble Oil & Refining Company 5%

EXHIBIT "B" (Continued)

12.	<u>T-23-N, R-12-W</u> Sec. 22: Lots 9 thru 16, Incl. (S $\frac{1}{2}$)	329.64	SF-079532 9-1-48	USA 12 $\frac{1}{2}$ %	Tennessee Gas Transmission Company	David L. Mills	2 $\frac{1}{2}$ %	Tennessee Gas Transmission Company
13.	<u>T-23-N, R-12-W</u> Sec. 22: Lots 1 thru 8, Incl. (N $\frac{1}{2}$)	331.67	SF-079532-A 9-1-48	USA 12 $\frac{1}{2}$ %	E. R. Richardson	Wylie J. Smith Joe Bonfield F. E. Chartier E. R. Richardson	1 $\frac{1}{4}$ % 5/8% 5/8% 2 $\frac{1}{2}$ %	Humble Oil & Refining Company
14.	<u>T-23-N, R-12-W</u> Sec. 12: Lots 1 thru 16, Incl., (All)	674.32	SF-079534 9-1-48	USA 12 $\frac{1}{2}$ %	The Bay Petroleum Corporation	David L. Mills	2 $\frac{1}{2}$ %	Tennessee Gas Transmission Company
15.	<u>T-23-N, R-12-W</u> Sec. 13: Lots 1 thru 16, Incl. (All) Sec. 14: Lots 1 thru 8, Incl., NW $\frac{1}{4}$	1158.60	SF-079619 9-1-48	USA 12 $\frac{1}{2}$ %	The Bay Petroleum Corporation	David L. Mills	2 $\frac{1}{2}$ %	Tennessee Gas Transmission Company
16.	<u>T-23-N, R-12-W</u> Sec. 1: Lots 5 thru 20, Incl., (All)	684.88	SF-079674 9-1-48	USA 12 $\frac{1}{2}$ %	Herman A. Bishop and Joe J. Klabzuba	None		Herman A. Bishop 1/2 Joe J. Klabzuba
17.	<u>T-23-N, R-12-W</u> Sec. 6: Lots 8 thru 23, Incl. (All)	679.36	SF-079674-A 9-1-48	USA 12 $\frac{1}{2}$ %	Texas National Petroleum Company R. E. Beaman	Joe J. Klabzuba and Leontine Klab- zuba Herman A. Bishop and Opal Bishop William E. Bishop	2 $\frac{1}{2}$ % 2% 1 $\frac{1}{2}$ %	Texas National Petroleum Company
18.	<u>T-24-N, R-12-W</u> Sec. 27: Lots 1 thru 16, Incl. (All)	686.42	SF-079680 11-1-47	USA 12 $\frac{1}{2}$ %	Paul F. Catterson	Martin A. Pierce	3%	Gulf Oil Corporation

EXHIBIT "B" (Continued)

19.	<u>T-24-N, R-12-W</u> Sec. 19: Lots 5 thru 12, Incl. (N $\frac{1}{2}$)	336.66	SF-079709-A 2-1-50	USA 12 $\frac{1}{2}$ %	R. E. Beaman Texas National Petroleum Co.	1/6 5/6	Dan W. Johnston T. J. Ahern E. W. Ingram Ralph A. Johnston Henry M. Brown Estate. R. L. Davisson, Jr. Wilbur E. Hess Homer E. Ley James E. Mavor R. E. Beamon III E. F. Kalb Hugh G. Alexander Fondren Oil Co. J. M. Sloan C. S. Wallace Phil E. Davant Estate Harry B. Botts E. R. Richardson S. A. Winkelman Alfred B. Smith Arthur C. Karr Mr. & Mrs. Louis A. Mazza Mildred Mazza Mrs. Dorothy Eliza- beth Bahn Jack Neveleff Mrs. Elva K. Dumas Earl G. Fridley C. B. Truitt Waters S. Davis, Jr. Gladys Davis Texas National Bank, Trustee Davis Trust Douglas E. Johnston L. A. Nordan D. E. Fagan Albert E. Fagan	.249993% .253567% .160972% 1.751225% .241455% .072437% .072437% .072437% .072437% .008048% .040242% .040242% .040242% .020120% .020122% .080486% .040243% .080484% .040242% .040242% .040242% .040242% .040242% .040242% .020120% .060363% .040242% .008049% .080486% .040243% .020120% .020120% .020120% .080486% .080486% .016097% .064388%	Texas National Petroleum Company
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EXHIBIT "B" (Continued)

19.	Continued						Betty B. Meade John H. Wynne Alma Beamon Anderson R. E. Beamon	.020120% .080486% .283265% .566530%	
20.	<u>T-24-N, R-12-W</u> Sec. 19: Lots 13 thru 20 Incl. (S $\frac{1}{2}$)	336.90	SF-079709-B 2-1-50	USA 12 $\frac{1}{2}$ %	R. E. Beamon Texas National Petroleum Co.	1/6 5/6	Same as Tract 19	Texas National Petroleum Company	
21.	<u>T-24-N, R-12-W</u> Sec. 21: Lots 9 thru 16, Incl. (S $\frac{1}{2}$)	343.06	SF-079712-A 11-1-48	USA 12 $\frac{1}{2}$ %	R. E. Beamon Texas National Petroleum Co.	1/6 5/6	Same as Tract 19	Texas National Petroleum Company	
22.	<u>T-24-N, R-12-W</u> Sec. 20: Lots 1 thru 16, Incl. (All) Sec. 21: Lots 1 thru 8, Incl. (N $\frac{1}{2}$)	1024.68	SF-079712-B 11-1-48	USA 12 $\frac{1}{2}$ %	R. E. Beamon Texas National Petroleum Co.	1/6 5/6	Same as Tract 19	Texas National Petroleum Company	
23.	<u>T-23-N, R-12-W</u> Sec. 3: Lots 5 thru 16, Incl. Sec. 4: Lots 5 thru 20, Incl. (All) Sec. 9: Lots 1, 2, 3, 4, SW $\frac{1}{4}$, E $\frac{1}{2}$ (All) Sec. 10: Lots 1 thru 8, Incl. (W $\frac{1}{2}$) Sec. 5: Lots 5 thru 12, Incl., (N $\frac{1}{2}$)	2519.28	SF-079718 9-1-48	USA 12 $\frac{1}{2}$ %	E. R. Richardson		George E. May and Josephine N. May Hubert Cone Blanche Calhoun	Humble Oil & Refining Company 1% 1% 1%	
24.	<u>T-23-N, R-12-W</u> Sec. 18: SE $\frac{1}{4}$	160.00	NW-06612 12-1-51	USA 12 $\frac{1}{2}$ %	E. R. Richardson		J. F. Schaumberg and Bille W. Schaumberg	Humble Oil & Refining Company 3%	

EXHIBIT "B" (Continued)

25.	<u>T-23-N, R-12-W</u> Sec. 30: Lots 1, 2, 3, 4, E $\frac{1}{2}$ W $\frac{1}{2}$, E $\frac{1}{2}$ (All)	635.32	NM-010765 12-1-48	USA 12 $\frac{1}{2}$ %	Carroll T. Payne	Blanche V. White and Emmett D. White \$1000 per acre out of	3%	Humble Oil & Refining Company
26.	<u>T-23-N, R-12-W</u> Sec. 28: NW $\frac{1}{4}$	160.00	NM-011698 5-1-54	USA 12 $\frac{1}{2}$ %	Carroll T. Payne	W. R. Zachary and Violette M. Zachary \$1000 per acre out of	3%	Humble Oil & Refining Company
27.	<u>T-23-N, R-12-W</u> Sec. 15: Lots 1 thru 8, Incl., (S $\frac{1}{2}$)	333.66	NM-012010 10-1-53	USA 12 $\frac{1}{2}$ %	E. R. Richardson	M. H. McGrail	3%	Humble Oil & Refining Company
28.	<u>T-24-N, R-12-W</u> Sec. 25: Lots 1, 8, 9, 15 & 16	214.83	NM-012304 12-1-47	USA 12 $\frac{1}{2}$ %	Ruth C. Fritts	Robert Donnell and Marion Donnell	2%	Humble Oil & Refining Company
29.	<u>T-23-N, R-12-W</u> Sec. 34: S $\frac{1}{2}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$	120.00	NM-013490 1-1-54	USA 12 $\frac{1}{2}$ %	Kathryn B. Richardson	Carl X. Ritcher and Uree H. Ritcher	5%	Humble Oil & Refining Company
30.	<u>T-23-N, R-12-W</u> Sec. 20: Lots 1, 2, 7, 8, 9, 10, 15, 16 (E $\frac{1}{2}$) Sec. 28: SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$	531.08	NM-013490-A 1-1-54	USA 12 $\frac{1}{2}$ %	Carroll T. Payne	Carl Richter and Uree M. Richter \$1000 per acre out of	3%	Humble Oil & Refining Company
31.	<u>T-23-N, R-12-W</u> Sec. 7: Lots 15, 16, 17, 18 (SW $\frac{1}{4}$) Sec. 21: Lots 1, 2, 7, 8, 9, 10, 15, 16 (E $\frac{1}{2}$)	497.65	NM-015202 10-1-54	USA 12 $\frac{1}{2}$ %	Ruth C. Fritts	Jack O. Cecil and Virginia Cecil R. A. Crane and Lillian Crane	1 $\frac{1}{2}$ % 1 $\frac{1}{2}$ %	Humble Oil & Refining Company
32.	<u>T-23-N, R-12-W</u> Sec. 5: Lots 13 thru 20, Incl., (S $\frac{1}{2}$) Sec. 7: Lots 5 thru 12, Incl., (N $\frac{1}{2}$) Sec. 8: Lots 1 thru 14, Incl., S $\frac{1}{2}$ SW $\frac{1}{4}$ (All)	1354.27	NM-015535 11-1-54	USA	Tom Bolack	None		Tom Bolack

EXHIBIT "B" (Continued)

33.	<u>T-24-N, R-12-W</u> Sec. 22: Lots 1 thru 16, Incl. (All)	687.07	NM-017777 7-1-55	USA 12 $\frac{1}{2}$ %	E. R. Richardson	Mary C. Burton and John Burton	5%	Humble Oil & Refining Company
34.	<u>T-23-N, R-12-W</u> Sec. 19: Lots 13 thru 20, Incl., (S $\frac{1}{2}$)	326.29	NM-018524 Application	USA 12 $\frac{1}{2}$ %	Hoover H. Wright	None		Humble Oil & Refining Company
35.	<u>T-23-N, R-12-W</u> Sec. 7: Lots 13, 14, 19 SE $\frac{1}{4}$ SE $\frac{1}{4}$ (SE $\frac{1}{4}$)	167.35	SF-080414-A 8-1-51	USA 12 $\frac{1}{2}$ %	Noah Spatter	None		Noah Spatter
36.	<u>T-23-N, R-12-W</u> Sec. 29: All	640.00	NM-023953 8-1-56	USA 12 $\frac{1}{2}$ %	Emmett D. White	Emmett D. White	3%	Humble Oil & Refining Company
37.	<u>T-23-N, R-12-W</u> Sec. 17: Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13 Sec. 21: Lots 3, 4, 5, 6	670.57	NM-028092 1-1-57	USA 12 $\frac{1}{2}$ %	J. A. Burch	J. A. Burch	5%	Tidewater Oil Company

37 Federal Tracts Containing 26,960.84 Acres or 75.4125% of Unit Area

* Some Federal Leases are presently held under Option Agreement

WITHDRAWN LAND

THIS LAND WITHDRAWN FOR RECLASSIFICATION -
EXACT STATUS UNKNOWN - TRACT NUMBERS NOT ASSIGNED

<u>T-23-N, R-12-W</u>	
Sec. 25: All	640.00 Acres
Sec. 27: All	640.00 Acres
Sec. 31: Lots 1, 2, 3, 4, E $\frac{1}{2}$ W $\frac{1}{2}$, E $\frac{1}{2}$ (All)	635.28 Acres
Sec. 33: All	640.00 Acres
Sec. 35: All	640.00 Acres

TOTAL - 3,195.28 Acres, 8.9376% of Unit Area

INDIAN ALLOTTED LAND

THIS LAND NOT UNDER OIL & GAS LEASE -
OWNERSHIP CANNOT BE DETERMINED - TRACT
NUMBERS HAVE NOT BEEN ASSIGNED

<u>T-23-N, R-12-W</u>		
Sec. 2:	SE $\frac{1}{4}$	160.00 Acres
Sec. 3:	SW $\frac{1}{4}$	160.00 "
Sec. 10:	E $\frac{1}{2}$	320.00 "
Sec. 11:	All	640.00 "
Sec. 14:	NE $\frac{1}{4}$	160.00 "
Sec. 15:	N $\frac{1}{2}$	320.00 "
Sec. 18:	Lots 1, 2, E $\frac{1}{2}$ NW $\frac{1}{4}$ (NW $\frac{1}{4}$)	156.76 "
<u>TOTAL - 1,916.76 Acres, 5.3613% of Unit Area</u>		

STATE LANDS

39.	T-24-N, R-12-W Sec. 32: All Sec. 36: All	1280.00	B-111122-1 3-20-44	State 12½%	Standard Oil Company of Texas	None	Standard Oil Company of Texas	
40.	T-23-N, R-12-W Sec. 2: Lots 1, 2, 3, 4, S½N½, SW¼ Sec. 36: All Sec. 32: E½NE¼, SE¼, S½SW¼	1438.28	E-4776-2 12-4-50	State 12½%	Humble Oil & Refining Company	W. L. Brimhall George Foster Al Greer Ray Atchison Harold Montgomery Richard M. Kranawitter James A. Tadlock Gilbert Archuleta	.600% .600% .600% .300% .300% .275% .275% .050%	Humble Oil & Refining Company
41.	T-23-N, R-12-W Sec. 16: All	640.00	E-7377 9-14-53	State 12½%	United Western Mineral Company	None	United Western Mineral Company	
42.	T-23-N, R-12-W Sec. 32: W½NE¼, NW¼ N½SW¼	320.00	E-7609 11-24-53	State 12½%	Humble Oil & Refining Company	None	Humble Oil & Refining Company	

4 State of New Mexico Tracts containing 3,678.28 Acres or 10.2886% of Unit Area

TOTAL:

37 Federal Tracts	26,960.84 Acres	75.4125% of Unit Area
Withdrawn Land	3,195.28 Acres	8.9376% of Unit Area
Indian Allotted Land	1,916.76 Acres	5.3613% of Unit Area
4 State of New Mexico Tracts	3,678.28 Acres	10.2886% of Unit Area
<u>TOTAL TANNER UNIT AREA</u>		<u>100%</u>

CERTIFICATE OF APPROVAL
BY COMMISSIONER OF PUBLIC LANDS, STATE OF NEW MEXICO
OF UNIT AGREEMENT FOR DEVELOPMENT AND OPERATION
OF TANNER UNIT AREA, SAN JUAN 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 Tanner Unit Area, San Juan County, New Mexico, dated _____, 1957, in which Humble Oil & Refining Company 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 Tanner 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 _____ day of _____, 1957.

Commissioner of Public Lands of the
State of New Mexico

CERTIFICATION - DETERMINATION

Pursuant to the authority vested in the Secretary of Interior under the allotted Mineral Leasing Act of March 3, 1909, 35 Stat. 783, 25 U. S. C. sec. 396 and the Tribal Land Mineral Leasing Act of May 11, 1938, 52 Stat. 347, 25 U. S. C. secs. 396a, et seq., as to certain restricted and allotted Indian lands and delegated to the Commissioner of Indian Affairs by Departmental Order No. 2508 of January 11, 1949, 14 F. R. 258-260, and

Pursuant to the authority vested in the Secretary of Interior as to Federal lands, under the act approved February 25, 1920, 41 Stat. 437, as amended, 30 U. S. C. secs. 181, et seq., and delegated to the Director of the Geological Survey pursuant to Departmental Order No. 2365 of October 8, 1947, 43 C. F. R. sec 4.611, 12 F. R. 6784, we do hereby:

A. Approve the attached agreement for the development and operation of the Tanner Unit Area, San Juan County, 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, and royalty requirements of all Indian leases committed to said agreement are hereby established, altered, changed, or revoked to conform with the terms and conditions of this agreement.

D. 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.

Commissioner of Indian Affairs

Dated _____

Director, United States Geological Survey

Dated _____