

Case 3182

UNIT AGREEMENT
COMANCHE (SAN ANDRES) E UNIT
CHAVES COUNTY, NEW MEXICO

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 5
CASE NO. 3182

UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION
OF THE
COMANCHE (SAN ANDRES) E UNIT
COUNTY OF CHAVES
STATE OF NEW MEXICO

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UNIT AGREEMENT
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Exhibit "A" (Map of Unit Area)

Exhibit "B" (Schedule of Ownership)

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NOW, THEREFORE, in consideration of the premises and the promises herein contained, the parties hereto commit to this agreement their entire respective interests in the Unitized Formation underlying the Unit Area (as those terms are hereinafter defined), and agree severally among themselves as follows:

SECTION 1. ENABLING ACT AND REGULATIONS: The Mineral Leasing Act of February 25, 1920, as amended, supra, and all valid and pertinent regulations, including operating and unit plan regulations, heretofore issued thereunder and 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 nonfederal lands, the oil and gas operating regulations in effect as of the effective date hereof governing drilling and producing operations, not inconsistent with the terms hereof or the laws of the State of New Mexico, are hereby accepted and made a part of this agreement.

SECTION 2. DEFINITIONS: For the purpose of this agreement, the following terms and expressions as used herein shall mean:

(a) "Unit Area" is defined as the land shown on Exhibit "A" and described by Tracts in Exhibit "B" attached hereto, and said land is hereby designated and recognized as constituting the Unit Area.

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

(c) "Secretary" is defined as the Secretary of the Interior of the United States of America.

(d) "Director" is defined as the Director of the United States Geological Survey.

(e) "Supervisor" is defined as the Oil and Gas Supervisor of the United States Geological Survey.

(f) "Commissioner" is defined as the Commissioner of Public Lands of the State of New Mexico.

(g) "Commission" is defined as the Oil Conservation Commission of the State of New Mexico.

(h) "Unitized Formation" is defined as that subsurface portion of the Unit Area extending from the surface down to the base of the San Andres formation as identified at a depth of 2335 feet below the kelly bushing on the Schlumberger Sonic Log, dated February 18, 1962, of the Cities Service Government "F" Well No. 1, located 330 feet from the North line and 660 feet from the East line of Section 23, Township 8 South, Range 26 East, N.M.P.M., Chaves County, New Mexico.

(i) "Unitized Substances" is defined as all oil, gas, gaseous substances, sulphur contained in gas, condensate, distillate and all associated and constituent liquid or liquefiable hydrocarbons within or produced from the Unitized Formation.

(j) "Working Interest" is defined as an interest in Unitized Substances by virtue of a lease, operating agreement, fee title, or otherwise, including a carried interest, which interest is chargeable with and obligated to pay or bear, either in cash or out of production or otherwise, all or a portion of the cost of drilling, developing, producing, and operating the Unitized Formation. Any interest in Unitized Substances which is a Working Interest as of the date the owner thereof executes or ratifies this agreement, or which at any time thereafter becomes a Working Interest, shall thenceforth be treated as a Working Interest for all purposes of this agreement. The oil and gas rights that are free of lease or other instrument conveying the Working Interest to another shall be regarded as a Working Interest to the extent of seven-eighths (7/8) interest in Unitized Substances, and as a Royalty Interest with respect to the remaining one-eighth (1/8) interest therein.

(k) "Working Interest Owner" is defined as a party hereto who owns a Working Interest.

(l) "Royalty Interest" is defined as a right to or interest in any portion of the Unitized Substances or proceeds thereof other than a Working Interest.

(m) "Royalty Owner" is defined as a party hereto who owns a Royalty Interest.

(n) "Tract" is defined as each parcel of land described as such and given a Tract number in Exhibit "B".

(o) "Unit Operating Agreement" is defined as that agreement which is entered into by Working Interest Owners effective as of the same date as the effective date of this agreement.

(p) "Unit Operator" is defined as the Working Interest Owner designated hereunder to develop and operate the Unitized Formation, acting as operator and not as a Working Interest Owner.

(q) "Tract Participation" is defined as the percentage shown on Exhibit "C" for allocating Unitized Substances to a Tract under this agreement.

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

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

(t) "Unit Operations" is defined as all operations conducted by Working Interest Owners or Unit Operator pursuant to this agreement and the Unit Operating Agreement for or on account of the development and operations of the Unitized Formation for the production of Unitized Substances.

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

SECTION 3. EXHIBITS: Exhibit "A" attached hereto is a map showing the Unit Area and, to the extent known to Unit Operator, the boundaries and identity of Tracts and leases in the Unit Area. Exhibit "B" attached hereto is a schedule showing, to the extent known to Unit Operator, the land description and acreage content as to each Tract, the identity of the lease thereon

and the percentage and kind of ownership of the Oil and Gas Rights therein. However, nothing herein or in said map or schedule 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 being owned by such party. Exhibit "C" attached hereto is a schedule showing the Tract Participation of each Tract in the Unit Area, which Tract Participation has been calculated upon the basis of all Tracts in the Unit Area being committed to this agreement as of the effective date hereof. If less than all Tracts are committed to this agreement, Exhibit "C" shall be revised as hereinafter provided.

The shapes and descriptions of the respective Tracts have been established by using the best information available. If it subsequently appears that any Tract, because of diverse royalty or working interest ownership on the effective date hereof, should be divided into more than one Tract, or that any mechanical miscalculation has been made, Unit Operator, with the approval of Working Interest Owners having a combined Unit Participation of fifty-one per cent (51%) or more and the Supervisor and Commissioner, shall correct the mistake by revising the exhibits to conform to the facts. Each such revision of an exhibit shall be effective at 7:00 a.m. on the first day of the calendar month next following the filing for record of the revised exhibit or on such other date as may be approved and set forth in the revised exhibit.

If an exhibit is revised pursuant to this agreement, Unit Operator shall certify and file not less than five (5) copies of the revised exhibit with the Supervisor, two (2) copies with the Commissioner and one (1) copy with the Commission, and shall file a copy for record with the County Clerk of Chaves County, New Mexico.

When reference is herein made to an exhibit, such reference is to the exhibit as originally attached hereto, or, if revised, to the latest revision thereof.

SECTION 4. EXPANSION: The Unit Area may, when practicable, be expanded to include therein any additional tract or tracts regarded as reasonably necessary or advisable for the purposes of this agreement. Such expansion shall be effected in the following manner:

(a) The owners of the working interest in a tract or tracts desiring to bring such tract or tracts into the Unit Area shall file an application therefor with Unit Operator requesting such admission.

(b) Unit Operator shall circulate a notice to each Working Interest Owner of the proposed expansion, and after negotiation (at a Working Interest Owners' meeting or otherwise), if Working Interest Owners having a combined Unit Participation of ninety per cent (90%) or more agree to such tract or tracts being brought into the Unit Area, then Unit Operator shall, after preliminary concurrence by the Director and Commissioner:

(1) Prepare a notice of proposed expansion describing the contemplated changes in the boundaries of the Unit Area, the reason therefor, the basis for admission of the additional tract or tracts, the Tract Participation to be allocated thereto and the proposed effective date thereof; and

(2) Furnish copies of said notice to the Director, Commissioner and Commission and mail copies thereof to the last known address of each Working Interest Owner, lessee and lessor whose interests are affected, advising such parties that thirty (30) days will be allowed for submission to the Unit Operator of any objections to such proposed expansion; and

(3) File, upon the expiration of said thirty-day period as set out in Subsection (2) immediately above, with the Director, Commissioner and Commission the following: (a) evidence of mailing copies of said notice of expansion; (b) an application for approval of such expansion; (c) an instrument containing the appropriate joinders in compliance with the qualification requirements of Section 15, infra; and (d) a copy of any objections received.

After due consideration of all pertinent information and upon approval by the Director, Commissioner and Commission, the expansion shall become effective as of the date prescribed in the notice thereof, or on such other date as set by the Director and Commissioner in the order or instrument approving such expansion, and Unit Operator shall revise Exhibits "A", "B" and "C" accordingly.

If the Unit Area is expanded, the Tract Participations of the Tracts that were in the Unit Area prior to the expansion shall remain in the same ratio one to another. There shall be no retroactive allocation or adjustment of operating expenses or interests in the Unitized Substances produced, or the proceeds thereof; however, this limitation shall not prevent an adjustment of investment by reason of the expansion.

SECTION 5. OIL AND GAS RIGHTS UNITIZED: Subject to the provisions of this agreement, all Oil and Gas Rights of Royalty Owners in and to the committed lands shown on Exhibit "A" and described in Exhibit "B", and all Oil and Gas Rights of Working Interest Owners in and to said lands, are hereby unitized insofar as the respective Oil and Gas Rights pertain to the Unitized Formation. The lands so unitized by commitment hereto may be referred to as unitized lands or lands subject hereto.

Nothing herein shall be construed to unitize, pool, or in any way affect the oil, gas and other minerals contained in or that may be produced from any formation other than the Unitized Formation.

SECTION 6. UNIT OPERATOR: SHELL OIL COMPANY, a Delaware corporation, with offices in Midland, Texas, is hereby designated as Unit Operator, and by signing this instrument as Unit Operator it agrees and consents to accept the duties and obligations of Unit Operator for the development, operation 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.

SECTION 7. RESIGNATION OR REMOVAL OF UNIT OPERATOR: Unit Operator shall have the right to resign at any time, but such resignation shall not become effective so as to release Unit Operator from the duties and obligations of Unit Operator and terminate Unit Operator's rights as such for a period of six (6) months after written notice of intention to resign has been given by Unit Operator to all Working Interest Owners and the Director, Commissioner and Commission and until all wells then drilled hereunder are placed in a satisfactory condition for suspension or abandonment, whichever is required by the Supervisor, as to Federal lands, and the Commission, as to nonfederal lands, unless a new Unit Operator shall have taken over and assumed the duties and obligations of Unit Operator prior to the expiration of said period.

The Unit Operator shall, upon default or failure in the performance of its duties and obligations hereunder, be subject to removal by vote of Working Interest Owners having a combined Unit Participation of ninety per cent (90%) or more, exclusive of the Unit Participation of the Working Interest Owner who is the Unit Operator. Such removal shall be effective upon notice thereof to the Director and Commissioner.

In all such instances of effective resignation or removal, until a successor to Unit Operator is selected and approved as hereinafter provided, the Working Interest Owners shall be jointly responsible for the performance of the duties of the Unit Operator and shall, not later than thirty (30) days before such resignation or removal becomes effective, appoint an Acting Unit Operator 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, books and records, materials, appurtenances and any other assets used in conducting Unit Operations and owned by the Working Interest Owners (including any and all data and information which it might have gained or assembled by reason of its operation of the Unit Area) to the new duly qualified successor Unit Operator, or to the Acting Unit Operator 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 or appurtenances needed for the preservation of any wells. Nothing herein contained shall be construed to relieve or discharge any Unit Operator who resigns or is removed hereunder from any liability or duties accruing to or performable by it prior to the effective date of such resignation or removal.

SECTION 8. SUCCESSOR UNIT OPERATOR; Whenever Unit Operator shall tender its resignation as Unit Operator or shall be removed as hereinabove provided, the Working Interest Owners shall, by affirmative vote of Working Interest Owners having a combined Unit Participation of not less than seventy per cent (70%), select a successor Unit Operator; provided, however, that should any Working Interest Owner have a Unit Participation of more than thirty per cent (30%), its negative vote or failure to vote shall not serve to disapprove the selection of a new Unit Operator approved by Working Interest Owners having a combined Unit Participation of fifty-one per cent (51%) or more, unless such negative vote or abstention from voting is supported by the negative vote of one or more Working Interest Owners having a combined Unit Participation of at least five per cent (5%), and provided, further, that the vote of the outgoing Unit Operator shall not be considered for such purpose if it votes to succeed itself. 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) written notice of such selection shall have been filed with the Supervisor and approved by the Commissioner. If no successor Unit Operator is selected and qualified as herein provided, the Director and Commissioner at

their election may declare this agreement terminated, effective as of the first day of the month following such joint declaration.

SECTION 9. ACCOUNTING PROVISIONS AND UNIT OPERATING AGREEMENT: Costs and expenses incurred by Unit Operator in conducting Unit Operations hereunder shall be paid, apportioned among and borne by the Working Interest Owners in accordance with the Unit Operating Agreement. Such Unit Operating Agreement shall also provide the manner in which the Working Interest Owners shall be entitled to receive their respective proportionate and allocated share of the benefits accruing hereunder 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 the Unit Operator and the Working Interest Owners; however, such Unit Operating Agreement shall not 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 agreement, and in case of an inconsistency or conflict between this agreement and the Unit Operating Agreement, this agreement shall prevail. Three (3) true copies of the Unit Operating Agreement shall be filed with the Supervisor and one (1) copy with the Commissioner, prior to approval of this agreement by the Director.

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

SECTION 11. DEVELOPMENT OBLIGATION: Subject to the further provisions of this agreement, Unit Operator shall be obligated hereunder to drill

upon the unitized lands not less than three (3) wells during the first two (2) years after the effective date hereof, with not less than two (2) of said wells to be drilled during the first year, all of which wells shall be drilled to a depth sufficient to evaluate the capability of the Unitized Formation to produce Unitized Substances and to produce or enhance the production of Unitized Substances; unless it is established to the satisfaction of the Supervisor and Commissioner that further drilling of any such well or wells after commencement of drilling would be unwarranted or impracticable.

The Director and Commissioner may modify the drilling requirements of this section by granting reasonable extensions of time whenever, in their opinion, such action is warranted.

Nothing in this section shall be deemed to limit the right of the Unit Operator to resign as provided in Section 7 hereof, or as requiring Unit Operator to commence or continue any drilling during the period pending such resignation becoming effective in order to comply with the requirements of this section.

Upon failure to comply with the drilling requirements of this section, the Director and Commissioner may, after reasonable notice to the Unit Operator and each Working Interest Owner, lessee and lessor at their last known addresses, declare this agreement terminated.

SECTION 12. PLAN OF DEVELOPMENT AND OPERATION: Upon submission of this agreement for approval by the Director and Commissioner, Unit Operator shall file for approval of the Supervisor and Commissioner a plan for the development and operation of the Unitized lands for the first two (2) years after the effective date hereof, and thereafter from time to time prior to the expiration of any existing plan, Unit Operator shall file for approval of the Supervisor and Commissioner a plan for the development and operation of said lands for an additional specified period of time. The plan filed for the first two (2) years after the effective date hereof shall provide for the drilling of the wells required to be drilled under the provisions of Section 11 hereof. The plans filed for the third, fourth, and fifth years after the effective date hereof shall provide for the drilling of not less than four (4) additional wells during each of said years. Any wells drilled during any prior year after the effective date hereof in excess of the required number may be applied by Unit Operator against the number of wells required to be drilled

during any subsequent year. Such plans shall provide for the reasonable development and operation of the unitized lands and for the proper conservation of the Unitized Substances lying thereunder, and shall:

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

(b) to the extent practicable, specify the operating practices regarded as necessary and advisable for the proper conservation of the Unitized Substances underlying the Tracts committed to this agreement.

Subject to compliance by Unit Operator with its obligation to drill the wells required to be drilled under the provisions of Section 11 hereof, said plans may be modified or supplemented by Unit Operator when necessary to meet changed conditions or to protect the interests of all parties to this agreement. Reasonable diligence shall be exercised by Unit Operator in complying with all such plans.

SECTION 13. OPERATING METHODS AND INJECTION RIGHTS: It is recognized and agreed by the parties hereto that from all available information, all of the Unit Area can reasonably be considered to be underlain by Unitized Substances consisting of oil and gas, but due to a deficiency in natural reservoir energy, it is unlikely that such Unitized Substances can be produced by conventional primary recovery methods in sufficient quantities to offset development and operating costs. Prior to the effective date hereof, Unit Operator initiated pilot waterflood operations in the same formation as the Unitized Formation in the vicinity of the Unit Area. It is the intention of Working Interest Owners that at such time as they determine that production of such Unitized Substances by conventional primary methods of recovery may be unprofitable, they will initiate water injection or such other supplemental recovery methods as Working Interest Owners may from time to time consider to be economical and practicable, whether such supplemental recovery methods are now known or are hereafter developed, and it is the object and purpose of this agreement to permit Working Interest Owners to formulate and to put into effect such supplemental recovery projects in order to effect additional recovery of Unitized Substances, prevent waste and conserve natural resources. The parties hereto agree that the Unit Operator, subject to approval by the Commission and the filing of a plan of operation with the Supervisor and Commissioner, may inject

into the Unitized Formation, through any well or wells completed therein, brine, water, air, gas, oil, liquefied petroleum gas and any one or more other substances or combination of any of said substances, whether or not produced from the Unitized Formation, and that the location of input wells, the rates of injection therein and the rate of production shall be governed by standards of good geologic and petroleum engineering practices and conservation methods. The parties hereto, to the extent they have the right so to do, hereby grant Unit Operator the right to use brine or water, or both, produced from any formation underlying the Tracts committed to this agreement for injection into Unitized Formation; provided, however, that this grant of said right shall not preclude the grantor's use of brine or water, or both, produced from any such formation other than the Unitized Formation for injection into formations other than the Unitized Formation. After commencement of any such supplemental recovery operations, Unit Operator shall furnish the Supervisor and Commissioner such periodic reports as may be required upon the progress of such operations.

SECTION 14. TRACT PARTICIPATION: The Tract Participation allocated to each Tract committed to this agreement shall be equal to the ratio (expressed as a percentage) that the number of surface acres contained in such Tract bears to the total number of surface acres contained in all Tracts committed to this agreement, as such acreage is shown in Exhibit "B".

In Exhibit "C", there are listed and numbered the various Tracts within the Unit Area, and set forth opposite each Tract are figures which represent the Tract Participation allocated to such Tract, calculated upon the basis of all Tracts within the Unit Area being committed to this agreement as of the effective date hereof.

In the event less than all of the Tracts within the Unit Area are committed to this agreement as of the effective date hereof, Unit Operator shall, as soon as practicable after said effective date, prepare a revised Exhibit "C" setting forth the committed Tracts within the Unit Area and showing the revised Tract Participation of each committed Tract, which revised Tract Participation shall be calculated upon the basis of surface acreage, as hereinabove provided. Copies of the revised Exhibit "C" shall be filed by Unit Operator in accordance with the provisions of Section 3 hereof.

SECTION 15. TRACTS QUALIFIED FOR PARTICIPATION: On and after the effective date hereof, the Tracts within the Unit Area that shall be entitled to participate in the production of Unitized Substances therefrom shall be those Tracts described in Exhibit "B" that corner or have a common boundary (Tracts separated only by a public highway or a railroad right of way shall be considered to have a common boundary), and that otherwise qualify as follows:

(a) Each Tract as to which Working Interest Owners owning one hundred per cent (100%) of the Working Interest therein have become parties hereto and as to which Royalty Owners owning seventy-five per cent (75%) or more of the Royalty Interest therein have become parties hereto.

(b) Each Tract as to which Working Interest Owners owning one hundred per cent (100%) of the Working Interest therein have become parties hereto and as to which Royalty Owners owning less than seventy-five per cent (75%) of the Royalty Interest therein have become parties hereto and, further, as to which:

(i) All Working Interest Owners in such Tract have joined in a request for the commitment of such Tract to this agreement, and

(ii) Seventy-five per cent (75%) of the combined voting interests of Working Interest Owners in all Tracts meeting the requirements of Section 15(a) hereof have voted in favor of the commitment of such Tract.

For the purposes of this Section 15(b), a Working Interest Owner's "voting interest" shall be equal to the ratio (expressed as a percentage) which its aggregate Unit Participation in all Tracts qualifying under Section 15(a) bears to the total Unit Participation of all Working Interest Owners in all Tracts qualifying under Section 15(a), as such Unit Participation is determined from the Tract Participation set out in Exhibit "C".

(c) Each Tract as to which Working Interest Owners owning less than one hundred per cent (100%) of the Working Interest therein have become parties hereto, regardless of the percentage of Royalty Interest therein which is committed hereto and, further, as to which:

(i) The Working Interest Owner operating any such Tract and all of the other Working Interest Owners in such Tract who have become parties hereto have joined in a request for the commitment of such Tract to this agreement and have executed and delivered an indemnity agreement indemnifying and agreeing to hold harmless the other Working Interest Owners in the Unit Area, their successors and assigns, against all claims and demands which may be made by the owners of working interests in such Tract who are not parties hereto and which arise out of the commitment of such Tract to this agreement, and

(ii) Seventy-five per cent (75%) of the combined voting interests of Working Interest Owners in all Tracts meeting the requirements of Section 15(a) and 15(b) have voted in favor of the commitment of such Tract and acceptance of the indemnity agreement.

For the purpose of this Section 15(c), a Working Interest Owner's "voting interest" shall be equal to the ratio (expressed as a percentage) which its aggregate Unit Participation in all Tracts qualifying under Section 15(a) and 15(b) bears to the total Unit Participation of all Working Interest Owners in all Tracts qualifying under Section 15(a) and 15(b) as such Unit Participation is determined from the Tract Participation set out in Exhibit "C". Upon the commitment of such a Tract to this agreement, the Unit Participation that would have been attributed to the nonsubscribing owners of the Working Interest in such Tract, had they become parties to

this agreement and the Unit Operating Agreement, shall be attributed to the Working Interest Owners in such Tract who have become parties to such agreements in proportion to their respective Working Interests in the Tract.

If on the effective date of this agreement there is any Tract or Tracts which have not been effectively committed to or made subject to this agreement by qualifying as above provided, then such Tract or Tracts shall not be entitled to participate in Unitized Substances produced hereunder, and Unit Operator shall prepare a revised Exhibit "C" in accordance with the provisions of Section 14 hereof and shall file copies of the revised Exhibit "C" in accordance with the provisions of Section 3 hereof.

SECTION 16. ALLOCATION OF UNITIZED SUBSTANCES: All Unitized Substances produced and saved from the committed Tracts within the Unit Area (less, save and except any part of such Unitized Substances which is used in conformity with good operating practices on the Unit Area for drilling, operating, camp and other production, development and pressure maintenance purposes, or which is unavoidably lost) shall be apportioned among and allocated to the committed Tracts within the Unit Area in accordance with the respective Tract Participations as shown in Exhibit "C". The amount of Unitized Substances so allocated to each Tract, and only that amount (regardless of whether it be more or less than the amount of the actual production of Unitized Substances from the well or wells, if any, on such Tract), shall, for all intents, uses and purposes, be deemed to have been produced from such Tract.

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

No Tract committed to this agreement and qualified for participation in Unitized Substances produced hereunder as hereinabove provided shall be subsequently excluded from such participation on account of depletion of Unitized Substances or incapability to produce Unitized Substances.

If the Working Interest or the Royalty Interest in any Tract is, on or after the effective date hereof, divided with respect to separate parcels or portions of such Tract and owned severally by different persons, the Tract

Participation assigned to such Tract shall, in the absence of a recordable instrument executed by all owners and furnished to Unit Operator fixing the divisions of ownership, be divided among such parcels or portions in proportion to the number of surface acres in each.

The Unitized Substances allocated to each Tract shall be delivered in kind to the respective Working Interest Owners and parties entitled thereto by virtue of the ownership of Oil and Gas Rights therein or by purchase from such owners. Each such party shall have the right to construct, maintain and operate all necessary facilities for that purpose on the Unit Area, provided the same are so constructed, maintained and operated as not to interfere with operations carried on pursuant hereto or with operations upon or with regard to formations other than the Unitized Formation conducted within the Unit Area. Subject to Section 17 hereof, any extra expenditure incurred by Unit Operator by reason of the delivery in kind of any portion of the Unitized Substances shall be borne by the party receiving the same in kind.

If any party fails to take in kind or separately dispose of its share of Unitized Substances, Unit Operator shall have the right, for the time being and subject to revocation at will by the party owning the share, to purchase for its own account or sell to others such share at not less than the market price prevailing in the area; provided that, all contracts of sale by Unit Operator of any other party's share of Unitized Substances shall be only for such reasonable periods of time as are consistent with the minimum needs of the industry under the circumstances, but in no event shall any such contract be for a period in excess of one year. The proceeds of the Unitized Substances so disposed of by Unit Operator shall be paid to the party entitled thereto.

Any party receiving in kind or separately disposing of all or any part of the Unitized Substances allocated to any Tract or receiving the proceeds therefrom shall be responsible for making payment therefor to the parties entitled thereto, and shall indemnify all parties hereto, including Unit Operator, against any liability for all royalties, overriding royalties, production payments, and all other payments chargeable against or payable out of such Unitized Substances or the proceeds therefrom.

SECTION 17. ROYALTY SETTLEMENT: The United States of America, the State of New Mexico and all Royalty Owners who, under existing contracts, are

entitled to take in kind a share of the substances produced from any Tract unitized hereunder, shall continue to be entitled to take in kind their share of the Unitized Substances allocated to such Tract, and Unit Operator shall make deliveries of such Royalty Interest share taken in kind in conformity with the applicable contracts, laws 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 royalty due under their leases, except that such royalty shall be computed in accordance with the terms of this Unit Agreement.

Royalty due the United States of America 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, such average production shall be determined in accordance with the operating regulations as though the unitized lands were a single consolidated lease.

Royalty due on account of State lands shall be computed as provided for in the State lease and paid on the basis of all Unitized Substances allocated to such lands.

SECTION 18. 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 of America subject to this agreement shall be paid at the rate specified in the respective leases from the United States of America, unless rental or minimum royalty is waived, suspended, or reduced by law or by approval of the Secretary or his duly authorized representative. Rental for

lands of the State of New Mexico subject to this agreement shall be paid at the rate specified in the respective leases from the State of New Mexico.

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

SECTION 20. DRAINAGE: The Unit Operator shall take appropriate and adequate measures to prevent drainage of Unitized Substances from unitized land by wells on land not subject to this agreement.

SECTION 21. LEASES AND CONTRACTS CONFORMED AND EXTENDED: The terms, conditions and provisions of all leases, subleases and other contracts relating to exploration, drilling, development or operation for oil or gas on lands committed to this agreement are hereby expressly modified and amended to the extent necessary to make the same conform to the provisions hereof, but otherwise to remain in full force and effect, and the parties hereto hereby consent that the Secretary 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.

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 Tract subject to this agreement, regardless of whether there is any development of any particular Tract within 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, producing or supplemental recovery 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 Supervisor and Commissioner or their duly authorized representative, shall be deemed to constitute such suspension pursuant to such direction or consent as to each and every Tract of unitized land.

(d) Any Federal lease for a fixed term of twenty (20) years or any renewal thereof or any part of such lease which is made subject to this agreement shall continue in force beyond the term provided therein until the termination hereof. Any other Federal lease committed hereto shall continue in force beyond the term so provided therein or by law as to the land committed so long as such lease remains subject hereto, provided that production is had in paying quantities (to-wit: quantities sufficient to repay the cost of drilling and producing operations, with a reasonable profit) under this Unit Agreement prior to the expiration date of the term of such lease, or in the event actual drilling operations are commenced on unitized land, in accordance with the provisions of this agreement, prior to the end of the primary term of such lease and are being diligently prosecuted at that time, such lease shall be extended for two (2) years and so long thereafter as oil or gas is produced in paying quantities in accordance with the provisions of the Mineral Leasing Act Revision of 1960.

(e) 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.

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

(g) Any lease embracing lands of the State of New Mexico which is made subject to this agreement shall continue in force beyond the term provided therein as to the lands committed hereto until the termination hereof.

(h) Any lease embracing lands of the State of New Mexico having only a portion of its land committed hereto shall be segregated as to that portion committed and that portion not committed, and the terms of such lease shall apply separately to such segregated portions commencing as of the effective date hereof. 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 land committed hereto shall continue in full force and effect beyond the term provided therein as to all lands embraced in such lease (whether within or without the Unit Area), (1) if, and for so long as oil or gas are capable of being produced in paying quantities from some part of the lands embraced in such lease committed to this agreement; or (2) if, and for so long as some part of the lands embraced in such lease committed to this agreement are allocated Unitized Substances; or (3) 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 therein and for so long as such operations are being diligently prosecuted, and if they result in the production of oil or gas said lease shall continue in full force and effect as to all the lands embraced therein so long thereafter as oil or gas in paying quantities is being produced from any portion of said lands.

(i) Termination of this agreement shall not affect any lease which, pursuant to the terms thereof or any applicable laws, shall continue in force and effect thereafter.

SECTION 22. COVENANTS RUN WITH LAND: The covenants herein shall be construed to be covenants running with the land with respect to the interests 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 is hereby conditioned upon the assumption of all privileges and obligations hereunder by the grantee, transferee, or other successor in interest. No assignment or transfer of any Working Interest subject hereto shall be binding upon Unit Operator until the first day of the calendar month after Unit Operator is furnished with the original, or an acceptable photostatic or certified copy, of the recorded instrument of transfer; and no assignment or transfer of any Royalty Interest subject hereto shall be binding upon the Working Interest Owner responsible therefor until the first day of the calendar month after said Working Interest Owner is furnished with the original, or acceptable photostatic or certified copy, of the recorded instrument of transfer.

SECTION 23. EFFECTIVE DATE AND TERM: This agreement shall become effective upon approval by the Director and Commissioner, or their duly authorized representatives, as of the date of approval by the Director and, unless sooner terminated in accordance with the provisions hereof, shall be for a term of five (5) years from and after the effective date hereof and so long thereafter as Unitized Substances can be produced from any well or wells located upon the Tracts committed to this agreement in quantities sufficient to pay the cost of operating such well or wells, and, should production cease, so long thereafter as operations are in progress for the restoration of production or development of new production, with no cessation of such operations for more than ninety (90) consecutive days, and for so long thereafter as Unitized Substances can be produced in the quantities aforesaid.

This agreement may be terminated at any time, either during or after the fixed five-year term hereof, with the approval of the Director and Commissioner, by Working Interest Owners having a combined Unit Participation of seventy-five per cent (75%) or more whenever such Working Interest Owners determine that further drilling hereunder would be unwarranted or impracticable, that Unitized Substances cannot be produced in paying quantities from the Tracts committed to this agreement or that Unit Operations are no longer

profitable, feasible or in the interest of conservation. Notice of termination shall be given by Unit Operator to all parties hereto, the Supervisor, Commissioner and Commission, and a certificate as to such termination shall be filed for record with the County Clerk of Chaves County, New Mexico.

Upon termination of this agreement the further development and operation of the Unit Area as a unit shall be abandoned, Unit Operations shall cease, and thereafter the parties hereto shall be governed by the terms and provisions of the leases and contracts affecting the separate Tracts just as if this agreement had never been entered into.

If not otherwise covered by the leases unitized under this agreement, Royalty Owners hereby grant Working Interest Owners a period of six (6) months after termination of this agreement in which to salvage, sell, distribute or otherwise dispose of the personal property and facilities used in connection with Unit Operations.

SECTION 24. 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. It is agreed, 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 Commissioner and as to any land of the State of New Mexico or privately owned land 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 fifteen (15) days from notice.

SECTION 25. NONDISCRIMINATION: In connection with the performance of work under this agreement, Unit Operator agrees to comply with all of the provisions of Section 301(1) to (7) inclusive, of Executive Order 10925, as amended (28 F.R. 6485), which are incorporated by reference in this agreement.

SECTION 26. APPEARANCES: Unit Operator shall have the right to appear for or on behalf of any and all interests affected hereby before the Department, Commissioner and Commission, and to appeal from any order issued under the rules and regulations of the Department, Commissioner and Commission, or to apply for relief from any of said rules and regulations or in any proceedings relative to operations before the Department, Commissioner and Commission, or any other legally constituted authority; provided, however, that any other interested party shall also have the right at his or its own expense to be heard in any such proceedings.

SECTION 27. NOTICES: All notices, demands, objections or statements required hereunder to be given or rendered to the parties hereto shall be deemed fully given if made in writing and personally delivered to the party or parties or sent by postpaid certified 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 or parties may have furnished in writing to the party sending the notice, demand or statement.

SECTION 28. 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 Federal or State law or rule or regulation issued thereunder in any way affecting such party, or as a waiver by any such party of any right beyond his or its authority to waive; provided, however, that each party hereto covenants that during the existence of this agreement such party will not resort to any action at law or in equity to partition the Unit Area or the facilities

used in the development or operation hereof and to that extent waives the benefits of all laws authorizing such partition.

SECTION 29. UNAVOIDABLE DELAY: All obligations under this agreement requiring the Unit Operator to commence or continue drilling or supplemental recovery operations or to operate on or produce Unitized Substances from any of the lands covered by this agreement shall be suspended while, but only so long as, the Unit Operator despite the exercise of due care and diligence is prevented from complying with such obligations, in whole or in part, by strikes, acts of God, Federal, State or municipal law or agency, unavoidable accident, uncontrollable delays in transportation, inability to obtain necessary materials in open market, or other matters beyond the reasonable control of the Unit Operator whether similar to matters herein enumerated or not.

SECTION 30. LOSS OF TITLE: In the event any Tract ceases to have sufficient Working Interest Owners or Royalty Owners committed to this agreement to meet the conditions of Section 15 because of failure of title of any party hereto, such Tract shall be automatically regarded as not committed to this agreement effective as of 7:00 a.m. on the first day of the calendar month in which the failure of title is finally determined; provided, however, that such Tract shall not be so regarded if said Tract can be requalified for admission under Section 15 within ninety (90) days after the date on which such title failure was finally determined.

If any such Tract cannot be so requalified, Unit Operator shall revise Exhibit "C" to show the Tracts in the Unit Area that remain committed hereto and the Tract Participation of each of said Tracts, which revised Tract Participation shall be calculated and determined on the basis that the Tract Participation of each of said Tracts shall remain in the same ratio one to the other. Copies of the revised Exhibit "C" shall be filed in compliance with the provisions of Section 3 hereof and same shall be effective as of 7:00 a.m. on the first day of the calendar month in which such failure of title is finally determined.

If title to a Working Interest fails, the rights and obligations of Working Interest Owners by reason of such failure shall be governed by the Unit Operating Agreement. If title to a Royalty Interest fails, but the Tract to which it relates remains committed to this agreement, the party whose title

failed shall not be entitled to participate hereunder insofar as its participation is based on such lost Royalty Interest.

In the event of a dispute as to the title to any Working Interest or Royalty Interest subject hereto, payment or delivery on account thereof may be withheld without liability or interest until the dispute is finally settled; provided, that as to State or Federal land or leases, no payments of funds due the United States of America or the State of New Mexico shall be withheld, but such funds shall be deposited as directed by the Supervisor or Commissioner (as the case may be), to be held as unearned money pending final settlement of the title dispute, and then applied as earned or returned in accordance with such final settlement.

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

SECTION 31. NONJOINDER AND SUBSEQUENT JOINDER: If the owner of any interest in a Tract within the Unit Area fails or refuses to subscribe or consent in writing to this agreement, such Tract shall not be deemed committed to this agreement unless such Tract may be and is qualified as provided in Section 15 hereof. Joinder in the Unit Agreement by a Working Interest Owner, at any time, must be accompanied by appropriate joinder in the Unit Operating Agreement in order for the interest to be regarded as effectively committed to this Unit Agreement. Joinder by any owner of a Royalty Interest, at any time, must be accompanied by appropriate joinder by the owner of the corresponding Working Interest in order for the interest to be regarded as committed hereto.

Any oil or gas interest in the Unitized Formation in lands within the Unit Area not committed hereto prior to final approval of this agreement by the Director may thereafter be committed hereto upon compliance with the applicable provisions of Section 15 hereof within a period of two (2) months thereafter, on the same basis of participation as provided for in Section 14 hereof and as set forth in the original Exhibit "C" attached hereto, by the owner or owners thereof subscribing or consenting in writing to this agreement and, if the interest is a Working Interest, by the owner of such interest subscribing also to the Unit Operating Agreement.

It is understood and agreed, however, that after two (2) months from the effective date hereof, the right of subsequent joinder as provided in this

section shall be subject to Section 15 and to such requirements and upon such basis as may be agreed upon by Working Interest Owners having a combined Unit Participation of ninety per cent (90%) or more, and approved by the Director and Commissioner, provided that the Tract Participation of each previously committed Tract shall remain in the same ratio one to the other. Any such joinder by a Royalty Owner must also be consented to in writing by the Working Interest Owner responsible for the payment of any benefits that may accrue hereunder in behalf of such Royalty Owner.

Subsequent joinders to this agreement shall be effective as of 7:00 a.m. of the first day of the calendar month next following the filing with the Supervisor and Commissioner of all instruments necessary to effect such joinder, unless a different date is set by Working Interest Owners having such combined Unit Participation of ninety per cent (90%) or more, and approved by the Supervisor and Commissioner. If any such subsequent joinder results in the commitment of an additional Tract to this agreement, Unit Operator shall prepare a revised Exhibit "C" and file same in accordance with the provisions of Section 3 hereof.

SECTION 32. COUNTERPARTS: This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties and may be ratified or consented to by separate instrument in writing specifically referring hereto, and shall be binding upon all those parties who have executed such a counterpart, ratification or consent hereto, effective as of the date of execution thereof by such parties, with the same force and effect as if all parties had signed the same document, and regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands within the above described Unit Area.

SECTION 33. JOINDER IN DUAL CAPACITY: Execution as herein provided by any party either as a Working Interest Owner or as a Royalty Owner shall commit all interests that may be owned or controlled by such party.

SECTION 34. TAXES: Each party hereto shall, for its own account, render and pay its share of any taxes levied against or measured by the amount or value of the Unitized Substances produced from the unitized land; provided, however, that if it is required or if it be determined that the Unit Operator or the several Working Interest Owners must pay or advance said taxes for the

account of the parties hereto, it is hereby expressly agreed that the parties so paying or advancing said taxes shall be reimbursed therefor by the parties hereto, including Royalty Owners, who may be responsible for the taxes on their respective allocated share of said Unitized Substances. No such taxes shall be charged to the United States of America or to the State of New Mexico, or to any lessor who has a contract with a lessee which requires his lessee to pay such taxes.

SECTION 35. 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 provisions thereof to the extent that the said Unit Operator or the Working Interest Owners, or any of them, are hindered, delayed or prevented from complying therewith by reason of failure of the Unit Operator to obtain, in the exercise of due diligence, the concurrence of proper representatives of the United States and proper representatives of the State of New Mexico in and about any matters or things concerning which it is required herein that such concurrence be obtained.

SECTION 36. BORDER AGREEMENTS: Unit Operator, with concurrence of Working Interest Owners having a combined Unit Participation of sixty-five per cent (65%) or more, may, subject to approval of the Supervisor and Commissioner, enter into a border-protection agreement or agreements with the working interest owners of adjacent lands along the exterior boundary of the Unit Area with respect to the operations in the border area for the purpose of increasing ultimate recovery, conservation purposes and proper protection of the parties and interests.

SECTION 37. NO PARTNERSHIP: The duties, obligations, and liabilities of the parties hereto are intended to be several and not joint or collective. This agreement is not intended to create, and shall not be construed to create, an association or trust, or to impose a partnership duty, obligation, or liability with regard to any one or more of the parties hereto. Each party hereto shall be individually responsible for its own obligations as herein provided.

SECTION 38. LIEN OF UNIT OPERATOR: Unit Operator shall have a lien upon the interests of Working Interest Owners in the Unit Area to the extent provided in the Unit Operating Agreement.

SECTION 39. WILDLIFE STIPULATION: Nothing in this Unit Agreement shall modify the special Federal or State lease stipulations applicable to lands under the jurisdiction of the Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife.

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

SHELL OIL COMPANY

Date: _____

By: _____
Attorney in Fact

Address: P. O. Box 1509
Midland, Texas

UNIT OPERATOR AND WORKING INTEREST OWNER

ATTEST:

Date: _____

By: _____

Address: _____

ATTEST:

Date: _____

By: _____

Address: _____

ATTEST:

Date: _____

By: _____

Address: _____

OTHER WORKING INTEREST OWNERS

Date: _____

Address: _____

Date: _____

Address: _____

ROYALTY OWNERS

STATE OF TEXAS X
 X
COUNTY OF MIDLAND X

The foregoing instrument was acknowledged before me this _____ day of _____, 1964, by J. V. LINDSEY, Attorney in Fact of SHELL OIL COMPANY, a Delaware corporation, on behalf of said corporation.

My commission expires:

Notary Public in and for
Midland County, Texas

STATE OF _____ X
 X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1964, by _____, of _____, a _____ corporation, on behalf of said corporation.

My commission expires:

Notary Public in and for
_____ County, _____

STATE OF _____ X
 X
COUNTY OF _____ X

The foregoing instrument was acknowledged before me this _____ day of _____, 1964, by _____.

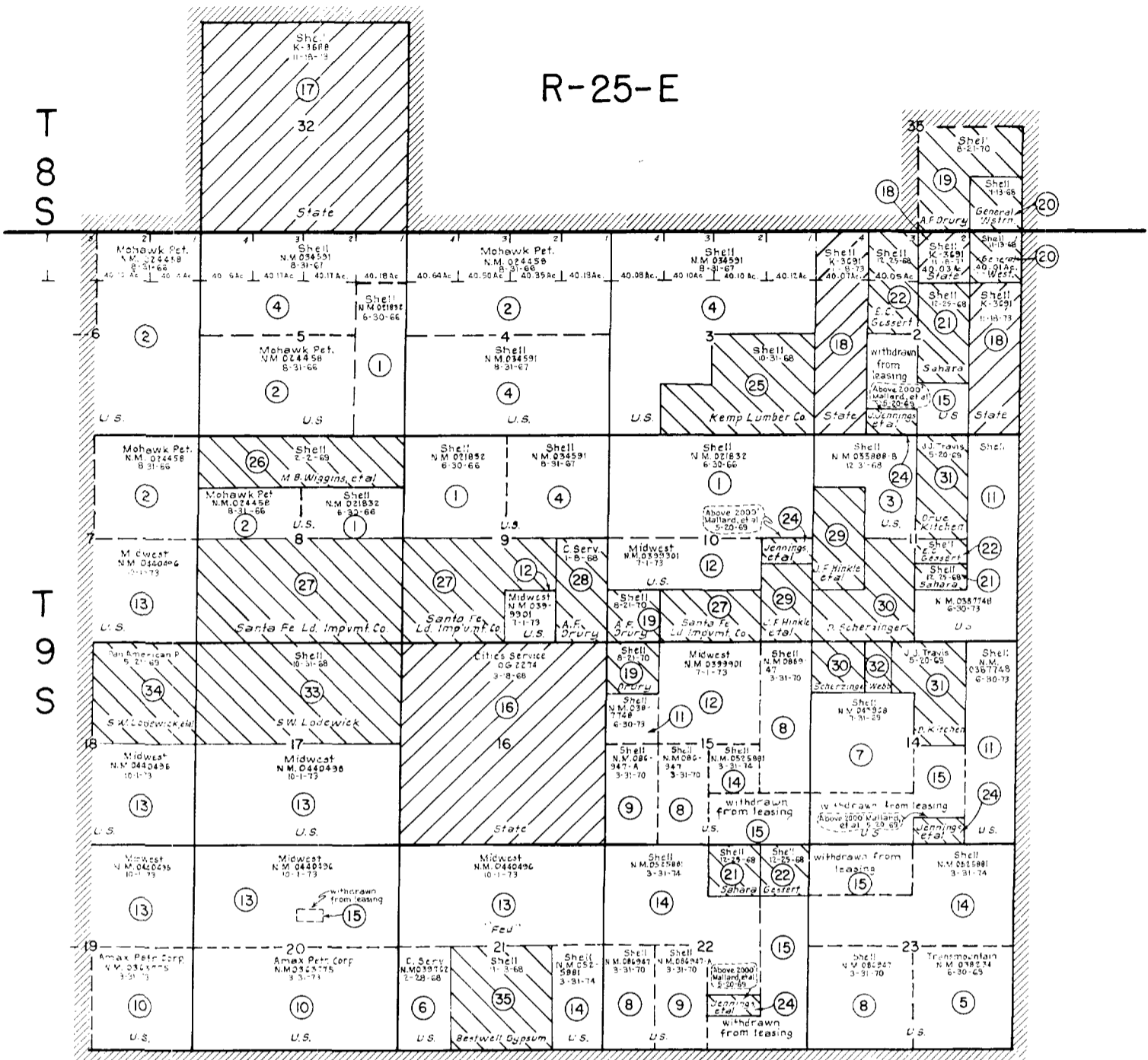
My commission expires:

Notary Public in and for
_____ County, _____

R-25-E

T
8
S

T
9
S



Tract 23 not shown on this exhibit - AT & SF RR Co.

COMANCHE (SAN ANDRES)
E UNIT
CHAVES COUNTY, NEW MEXICO
EXHIBIT "A"

LEGEND






-  FEDERAL LANDS 7,903.00 ACRES
-  STATE LANDS 1,600.10 ACRES
-  FEE LANDS 2,820.06 ACRES
-  UNIT BOUNDARY 12,323.16 ACRES
-  TRACT NUMBER



EXHIBIT "B"
 ATTACHED TO UNIT AGREEMENT
 COMANCHE (SAN ANDRES) E UNIT
 CHAVES COUNTY, NEW MEXICO

Tract No.	Description	Number Of Acres	Lease No. & Expiration Date	Basic Royalty Percentage	Lessee of Record	Overriding Royalty Percentage	Working Interest Owner and Percentage
<u>Federal Land</u>							
1	<u>T-9-S, R-25-E</u> Sec. 5; E/2 SE/4, SE/4 NE/4 Sec. 8; S/2 NE/4 Sec. 9; NW/4 Sec. 10; N/2	680.00	NM-021832 6-30-66	All	Shell Oil Company	None	Shell Oil Company All
2	<u>T-9-S, R-25-E</u> Sec. 4; Lots 1, 2, 3, 4, S/2 N/2 Sec. 5; SW/4, W/2 SE/4 Sec. 6; Lots 1, 2, S/2 NE/4, SE/4 Sec. 7; NE/4 Sec. 8; S/2 NW/4	1121.92	NM-024458 8-31-66	All	Mohawk Petroleum Company	4.000000	Mohawk Petroleum Company All
3	<u>T-9-S, R-25-E</u> Sec. 11; N/2 NW/4, SE/4 NW/4	120.00	NM-033888-B 12-31-68	All	Shell Oil Company	5.000000	Shell Oil Company All
4	<u>T-9-S, R-25-E</u> Sec. 3; Lots 1, 2, 3, 4, S/2 N/2, N/2 SW/4, SW/4 SW/4 Sec. 4; S/2 Sec. 5; Lots 1, 2, 3, 4, S/2 NW/4, SW/4 NE/4 Sec. 9; NE/4	1201.08	NM-034591 8-31-67	All	Shell Oil Company	4.000000	Shell Oil Company All
5	<u>T-9-S, R-25-E</u> Sec. 23; SE/4	160.00	NM-038234 6-30-69	All	Transmountain Production Company	5.000000	Transmountain Prod. Company All
6	<u>T-9-S, R-25-E</u> Sec. 21; W/2 SW/4	80.00	NM-039762 2-28-68	All	Cities Service Oil Company	None	Cities Service Oil Company All
7	<u>T-9-S, R-25-E</u> Sec. 14; S/2 NW/4, N/2 SW/4	160.00	NM-043968 7-31-69	All	Shell Oil Company	3.000000	Shell Oil Company All
8	<u>T-9-S, R-25-E</u> Sec. 15; E/2 SW/4, E/2 NE/4, NE/4 SE/4 Sec. 22; W/2 SW/4 Sec. 23; SW/4	440.00	NM-086947 3-31-70	All	Shell Oil Company	3.000000	Shell Oil Company All
9	<u>T-9-S, R-25-E</u> Sec. 15; W/2 SW/4 Sec. 22; E/2 SW/4	160.00	NM-086947-A 3-31-70	All	Shell Oil Company	5.000000	Shell Oil Company All
10	<u>T-9-S, R-25-E</u> Sec. 19; SE/4 Sec. 20; S/2	480.00	NM-0363775 3-31-73	All	Amex Petroleum Corporation	None	Amex Petroleum Corporation All
11	<u>T-9-S, R-25-E</u> Sec. 11; E/2 E/2, SW/4 SE/4 Sec. 14; E/2 E/2 Sec. 15; SW/4 NW/4	400.00	NM-038748 6-30-73	All	Shell Oil Company	3.000000	Shell Oil Company All
12	<u>T-9-S, R-25-E</u> Sec. 9; SW/4 SE/4 Sec. 10; N/2 SW/4, NW/4 SE/4 Sec. 15; W/2 NE/4, E/2 NW/4	320.00	NM-039901 7-1-73	All	Midwest Oil Corporation	None	Midwest Oil Corporation All

Tract No.	Description	Number Of Acres	Lease No. & Expiration Date	Basic Royalty Percentage	Lessee of Record	Overriding Royalty Percentage	Working Interest Owner and Percentage
<u>Federal Land (Cont'd)</u>							
13	T-9-S, R-25-E Sec. 7; SE/4 and Sec. 17; S/2 Sec. 18; SE/4 and Sec. 19; NE/4 Sec. 20; N/2 NE/4, SE/4 NE/4, N/2 NW/4 SW/4 NE/4, NE/4 SW/4 NE/4, S/2 SW/4 NE/4, NW/4 Sec. 21; N/2	1435.00	NM-0440496 10-1-73	All	Midwest Oil Corporation	None	Midwest Oil Corporation All
14	T-9-S, R-25-E Sec. 15; NW/4 SE/4 Sec. 21; E/2 SE/4 Sec. 22; SW/4 NE/4, NW/4, NW/4 SE/4 Sec. 23; NE/4, S/2 NW/4	600.00	NM-0525881 3-31-74	All	Shell Oil Company	3.000000	Shell Oil Company All
15	T-9-S, R-25-E Sec. 2; NE/4 SW/4, N/2 SE/4 SW/4, SW/4 SE/4 Sec. 14; NW/4 SE/4, N/2 SW/4 SE/4, S/2 SW/4 Sec. 15; S/2 SE/4 Sec. 20; S/2 NW/4 SW/4 NE/4 Sec. 22; SE/4 NE/4, E/2 SE/4, S/2 SW/4 SE/4 Sec. 23; N/2 NW/4	545.00	Not Leased - Withdrawn from Mineral Leasing Bitter Lakes Refuge				Federal Government (Not Leased) All
Total - 15 Tracts Federal Land - 7,903.00 Acres - 64.13% of Unit Area							
<u>State of New Mexico Land</u>							
16	T-9-S, R-25-E Sec. 16; All	640.00	OG-2274 3-18-68	12.500000	Cities Service Oil Company	None	Cities Service Oil Company All
17	T-8-S, R-25-E Sec. 32; All	640.00	K-3688 11-18-73	12.500000	Shell Oil Company	None	Shell Oil Company All
18	T-9-S, R-25-E Sec. 2; Lots 2, 4, SE/4 NE/4, SW/4 NW/4, W/2 SW/4, E/2 SE/4	320.10	K-3691 11-18-73	12.500000	Shell Oil Company	None	Shell Oil Company All
Total - 3 Tracts State of New Mexico Land - 1,600.10 Acres - 12.99% of Unit Area							
<u>Patented (Fee) Land</u>							
19	T-8-S, R-25-E Sec. 35; N/2 SE/4 save and except 2.48 acres conveyed to AT&SF Ry. Co.; SW/4 SE/4 save and except 4.9 acres conveyed to AT&SF Ry. Co.	192.62	8-21-70	12.500000	Shell Oil Company	3.000000	Shell Oil Company All
T-9-S, R-25-E Sec. 10; SW/4 SW/4 Sec. 15; NW/4 NW/4							

Tract No.	Description	Number of Acres	Lease No. & Expiration Date	Basic Royalty Percentage	Lessee of Record	Overriding Royalty Percentage	Working Interest Owner and Percentage
	<u>Patented (Fee) Land (Cont'd)</u>						
20	T-8-S, R-25-E Sec. 35; SE/4 SE/4 save and except 3.73 acres con- veyed to AT&SF Ry. Co.	76.28	11-13-68	12.500000	Shell Oil Company	None	Shell Oil Company All
21	T-9-S, R-25-E Sec. 2; Lot 1	140.00	12-25-68	12.500000	Shell Oil Company	None	Shell Oil Company All
22	T-9-S, R-25-E Sec. 2; Lot 3, SE/4 NW/4 save and except 9.24 acres con- veyed to AT&SF Ry. Co. Sec. 11; N/2 NW/4 SE/4 Sec. 22; NE/4 NE/4	130.81	12-25-68	12.500000	Shell Oil Company	None	Shell Oil Company All
23	T-8-S, R-25-E 2.48 acres out of N/2 SE/4 Sec. 35; 4.9 acres out of SW/4 SE/4 Sec. 35; 3.73 acres out of SE/4 SE/4 Sec. 35	20.35	Not Leased	12.500000	Not Leased	None	A.T. & S.F. Railway Co. All
24	T-9-S, R-25-E 9.24 acres out of Lot 3 and SE/4 NW/4 Sec. 2	80.00	5-20-69	12.500000	Mallard Petroleum Company - 1/2 Stanley Weiner - 1/2	None	Mallard Petroleum Co. Stanley Weiner 50.000000 50.000000
25	T-9-S, R-25-E Sec. 3; SE/4, SE/4 SW/4	200.00	10-31-68	12.500000	Shell Oil Company	None	Shell Oil Company All
26	T-9-S, R-25-E Sec. 8; N/2 N/2	160.00	2-2-69	15.625000	Shell Oil Company	None	Shell Oil Company All
27	T-9-S, R-25-E Sec. 8; S/2 Sec. 9; SW/4, NW/4 SE/4 Sec. 10; SE/4 SW/4, SW/4 SE/4	600.00	Not Leased	12.500000	Not Leased	None	Santa Fe Land and Improvement Company All
28	T-9-S, R-25-E Sec. 9; E/2 SE/4	80.00	1-8-68	12.500000	Cities Service Oil Company	None	Cities Service Oil Company All
29	T-9-S, R-25-E Sec. 10; SE/4 SE/4, S/2 NE/4 SE/4 Sec. 11; SW/4 NW/4, NW/4 SW/4	140.00	Not Leased	12.500000	Not Leased	None	Laura Cahoon 16.666667 J. F. Hinkle 16.666667 Lois C. Hobbs 16.666666 First National Bank - Amarillo 50.000000

Tract No.	Description	Number Of Acres	Lease No. & Expiration Date	Basic Royalty Percentage	Lessee of Record	Overriding Royalty Percentage	Working Interest Owner and Percentage
	<u>Patented (Fee) Land (Cont'd)</u>						
30	T-9-S, R-25-E Sec. 11; NE/4 SW/4, S/2 SW/4 Sec. 14; NW/4 NW/4	160.00	Not Leased	12.500000	Not Leased	None	Daisy Scherzinger All
31	T-9-S, R-25-E Sec. 11; W/2 NE/4 Sec. 14; W/2 NE/4, E/2 NE/4 NW/4	180.00	5-20-69	12.500000	J. J. Travis	None	J. J. Travis All
32	T-9-S, R-25-E Sec. 14; W/2 NE/4 NW/4	20.00	Not Leased	12.500000	Not Leased	None	Ora C. Webb All
33	T-9-S, R-25-E Sec. 17; N/2	320.00	10-31-68	12.500000	Shell Oil Company	None	Shell Oil Company All
34	T-9-S, R-25-E Sec. 18; NE/4	160.00	5-21-69	12.500000	Pan American Petroleum Corp.	None	Pan American Petroleum Corp. All
35	T-9-S, R-25-E Sec. 21; W/2 SE/4, E/2 SW/4	160.00	11-13-68	12.500000	Shell Oil Company	None	Shell Oil Company All

Total - 17 Tracts Patented (Fee) Land - 2,820.06 Acres - 22.88% of Unit Area

GRAND TOTAL - 35 Tracts - 12,323.16 Acres in entire Unit Area

EXHIBIT "C"
ATTACHED TO UNIT AGREEMENT
COMANCHE (SAN ANDRES) E UNIT
CHAVES COUNTY, NEW MEXICO

Schedule of Tract Participation

<u>Tract Number</u>	<u>Tract Participation</u>
1	5.518065
2	9.104158
3	0.973777
4	9.746526
5	1.298369
6	0.649184
7	1.298369
8	3.570513
9	1.298369
10	3.895105
11	3.245921
12	2.596737
13	11.644741
14	4.868881
15	4.422567
16	5.193473
17	5.193473
18	2.597547
19	1.563073
20	0.618997
21	1.136072
22	1.061497
23	0.165136
24	0.649184
25	1.622960
26	1.298368
27	4.868881
28	0.649184
29	1.136072
30	1.298368
31	1.460664
32	0.162296
33	2.596737
34	1.298368
35	1.298368
Total	100.000000

GOVERNOR
JACK M. CAMPBELL
CHAIRMAN

State of New Mexico
Oil Conservation Commission



LAND COMMISSIONER
E. B. JOHNNY WALKER
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

P. O. BOX 871
SANTA FE

December 21, 1964

3178 - R-2839

3179 - R-2840

3180 - R-2841

3181 - R-2842

3182 - R-2843

Case No. 3183 - R-2844

Order No. 3186 - R-2851

Applicant:

SHELL OIL COMPANY & TENNECO

Mr. Richard S. Morris
Seth. Montgomery, Federici & Andrews
Attorneys at Law
Post Office Box 2307
Santa Fe, New Mexico

Dear Sir:

Enclosed herewith are two copies of the above-referenced
Commission order recently entered in the subject case.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ix/

Carbon copy of order also sent to:

Hobbs OCC *

Artesia OCC * (send copy except R-2851)

Astec OCC

OTHER _____