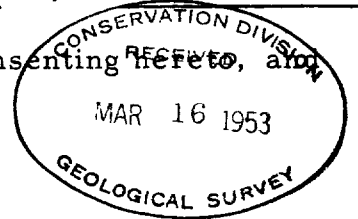


UNIT AGREEMENT FOR THE DEVELOPMENT AND
OPERATION OF THE SAN JUAN 32-5 UNIT AREA
COUNTIES OF SAN JUAN AND RIO ARriba,
STATE OF NEW MEXICO

RECEIVED
MAR 4 1953
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

14-08-001- 534

THIS AGREEMENT, entered into as of the 4th day of December,
1952, 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 term "Working Interest" as used herein shall mean
the interest held in unitized substances or in lands containing unitized substances
by virtue of a lease, operating agreement, fee title, or otherwise, which is charge-
able with and obligated to pay or bear all or a portion of the cost of drilling, devel-
oping, producing and operating the land under the unit or cooperative agreement.
The right delegated to the Unit Operator as such by this unit agreement is not to
be regarded as a working interest; and

WHEREAS, the act of February 25, 1920, 41 Stat. 437, as amended
by the act of August 8, 1946, 60 Stat. 950, 30 U.S.C. Secs. 181, et seq. author-
izes 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 (Chap. 88, Laws 1943) to consent
to or approve this agreement on behalf of the State of New Mexico, insofar as it
covers and includes lands and mineral interests of the State of New Mexico; and

WHEREAS, the Oil Conservation Commission of the State of New Mexico
is authorized by an Act of the Legislature (Chap. 168, Laws 1949) to approve this
agreement and the conservation provisions hereof; and

October 1952

WHEREAS, the parties hereto hold sufficient interests in the San Juan 32-5 Unit Area covering the land hereinafter described to give reasonably effective control of operations therein; and

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

NOW, THEREFORE, in consideration of the premises and the promises herein contained, the parties hereto commit to this agreement their respective interests in the below-defined unit area, and agree severally among themselves as follows:

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

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

NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO

<u>T31N-R5W</u>	<u>T32N-R6W</u>
Secs. 1 and 2, all	Sec. 9: NW/4, E/2
	Secs. 10 thru 15 inclusive, all
<u>T32N-R5W</u>	Sec. 16: E/2
	Sec. 21: E/2
Secs. 7 thru 36 inclusive, all	Secs. 22 thru 27 inclusive, all
	Sec. 28: E/2

Total Unit Area embraces 25,937.96 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", and not less than five copies of the revised exhibits shall be filed with the Supervisor, and two copies each with the Commissioner of Public Lands of the State of New Mexico, hereinafter referred to as "Commissioner" and the Oil Conservation Commission, hereinafter referred to as "Commission".

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

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

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

(c) Upon expiration of the 30-day period provided in the preceding item (b) hereof, Unit Operator shall file with the Supervisor and Commissioner evidence of mailing of the notice of expansion or contraction and a copy of any objections thereto which have been filed with the Unit Operator.

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

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

3. UNITIZED SUBSTANCES: All oil and gas in any and all formations of the unitized land are unitized under the terms of this agreement and herein are called "unitized substances".

4. UNIT OPERATOR: Stanolind Oil and Gas Company is hereby designated as Unit Operator and by signature hereto as Unit Operator agrees and consents to accept the duties and obligations of Unit Operator for the discovery, development, and production of unitized substances as herein provided. Whenever reference is made herein to the Unit Operator, such reference means the Unit Operator acting in that capacity and not as an owner of 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 6 months after notice of intention to resign has been served by Unit Operator on all working interest owners, the Director and the Commissioner, and until all wells then drilled hereunder are placed in a satisfactory condition for suspension or abandonment, whichever is required by the Supervisor and Commissioner, unless a new Unit Operator shall have been selected and approved and shall have taken over and assumed the duties and obligations of Unit Operator prior to the expiration of said period.

Unit Operator shall have the right to resign in like manner and subject to like limitations as above provided at any time a participating area established hereunder is in existence, but until a successor Unit Operator is selected and approved as hereinafter provided, the working interest owners shall be jointly responsible for performance of the duties of Unit Operator, and shall not later

than 30 days before such resignation becomes effective appoint a common agent to represent them in any action to be taken hereunder.

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

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

The resignation or removal of Unit Operator under this agreement shall not terminate its right, title, or interest as the owner of a working interest or other interest in unitized substances, but upon the resignation or removal of Unit Operator becoming effective, such Unit Operator shall deliver possession of all equipment, materials, and appurtenances used in conducting the unit operations and owned by the working interest owners to the new duly qualified successor Unit Operator or to the owners thereof if no such new Unit Operator is elected, to be used for the purpose of conducting unit operations hereunder. Nothing herein shall be construed as authorizing removal of any material, equipment and appurtenances needed for the preservation of any wells.

6. SUCCESSOR UNIT OPERATOR: Whenever the Unit Operator shall tender his or its resignation as Unit Operator or shall be removed as hereinabove provided, the owners of the working interests in the participating area or areas according to their respective acreage interests in such participating area or areas, or, until a participating area shall have been established, the owners of the working interests according to their respective acreage interests in all unitized land, shall by majority vote select a successor Unit Operator: Provided, That, if a majority but less than 75 per cent of the working interests qualified to vote are owned by one party to this agreement, a concurring vote of one or more additional working interest owners shall be required to select a new operator. Such selection shall not become effective until (a) a Unit Operator so selected shall accept in writing the duties and responsibilities of Unit Operator, and (b) the selection shall have been

approved by the Director and Commissioner. If no successor Unit Operator is selected and qualified as herein provided, the Director and Commissioner at their election may declare this unit agreement terminated.

7. ACCOUNTING PROVISIONS AND UNIT OPERATING AGREEMENT:

If the Unit Operator is not the sole owner of working interests, costs and expenses incurred by Unit Operator in conducting unit operations hereunder shall be paid and apportioned among and borne by the owners of working interests, all in accordance with the agreement or agreements entered into by and between the Unit Operator and the owners of working interests, whether one or more, separately or collectively. Any agreement or agreements entered into between the working interest owners and the Unit Operator as provided in this section, whether one or more, are herein referred to as the "unit operating agreement". Such unit operating agreement shall also provide the manner in which the working interest owners shall be entitled to receive their respective proportionate and allocated share of the benefits accruing hereto in conformity with their underlying operating 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 shall be filed with the Supervisor and one true copy with the Commissioner.

8. RIGHTS AND OBLIGATIONS OF UNIT OPERATOR: Except as other-

wise 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 60 days after the effective date hereof, the Unit Operator shall begin to drill and adequate test well at a location selected by it and approved by the Supervisor if on Federal land or the Commission if on State or Patented land unless on such effective date a well is being drilled conformably with the terms hereof, and thereafter continue such drilling diligently until the Fruitland Formation has been tested or the Unit Operator shall at any time establish to the satisfaction of the Supervisor if on Federal land or the Commission if on State land or Patented land that further drilling of said well would be unwarranted or impracticable; provided, however, that Unit Operator shall not in any event be required to drill said well to a depth in excess of 3,500 feet. Within 30 days following completion of the aforesaid initial test well upon the unit area, Unit Operator shall commence the drilling of an additional well to said depth at a location selected by Unit Operator and approved by the Supervisor if on Federal land or the Commission if on State land or Patented land, so spaced over the unit area as to determine so far as may be practicable the productive acreage and gas reserves in the Fruitland and shallower formations underlying said unit area.

"In addition to the foregoing, within 30 days following completion of the aforesaid wells Unit Operator shall commence the drilling of an additional well and shall thereafter continue drilling operations on said additional well until the Mesaverde formation has been tested or the Unit Operator shall at any time establish to the satisfaction of the Supervisor if on Federal land or the Commission if on State land or Patented land that the further drilling of said well would be unwarranted or impracticable; provided, however, that Unit Operator shall not in any event be required to drill said Mesaverde test well to a depth in excess of 5900 feet. Unit Operator shall thereafter continue drilling operations on the unit area, with not more than 30 days of elapsed time between the completion of one well and the commencement of the next succeeding well, until an aggregate of three Mesaverde test wells shall have been

drilled to said depth at locations selected by Unit Operator and approved by the Supervisor if on Federal land or the Commission if on State land or Patented land, so spaced over the unit area to determine, so far as may be practicable, the productive acreage of gas reserves in the Mesaverde and shallower formations underlying said unit area; provided, however, that in the event the first Mesaverde test well shall be a dry hole at its total depth or does not obtain production in paying quantities, Unit Operator may, at its option and in lieu of drilling the two additional Mesaverde test wells, commence the deepening of such initial Mesaverde test to the Dakota formation within 30 days after final determination that such initial Mesaverde test is not a commercial producer from the Mesaverde formation, or Unit Operator shall within said time commence the drilling of a Dakota test well at a new location and shall thereafter diligently continue drilling operations to a depth sufficient to test the Dakota formation unless the Unit Operator shall at any time establish to the satisfaction of the Supervisor if on Federal land or the Commission if on State land or patented land that further drilling of said well would be unwarranted or impracticable; provided, however, that Unit Operator shall not in any event be required to drill said Dakota test well to a depth in excess of 8500 feet. "

In the event none of the wells drilled pursuant to the above specified drilling program results in obtaining production in paying quantities, then upon completion of the above-outlined drilling program until the discovery of a deposit of unitized substances capable of being produced in paying quantities, the Unit Operator shall continue drilling diligently one well at a time, allowing not more than 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 said Supervisor if on Federal land, or the Commission if on State land or privately owned land, or until it is reasonably provided that the unitized land is incapable of producing unitized substances in paying quantities in the formations drilled hereunder. Nothing in this section shall be deemed to limit the right of the Unit Operator to resign as provided in Section 5 hereof, or as requiring Unit Operator to commence or continue any drilling during the period pending such resignation becoming effective in order to comply with the requirements of this section. The Director and Commissioner may modify the drilling requirements of this section by granting reasonable

extensions of time when, in their opinion, such action is warranted.

Upon failure to comply with the drilling provisions of this section, the Director, Commissioner and the Commission may, after reasonable notice to the Unit Operator, and each working interest owner, lessee, and lessor at their last known addresses, declare this unit agreement terminated.

10. PLAN OF FURTHER DEVELOPMENT AND OPERATION: Within 6 months after completion of a well capable of producing unitized substances in paying quantities or within 6 months after completion of the drilling program outlined in Section 9 above, whichever is the later date, the Unit Operator shall submit for the approval of the Supervisor, the Commissioner and the Commission an acceptable plan of development and operation for the unitized land which, when approved by the Supervisor, the Commissioner and the 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 Commissioner and the Commission, a plan for an additional specified period for the development and operation of the unitized land. Any plan submitted pursuant to this section shall provide for the exploration of the unitized area and for the determination of the area or areas thereof capable of producing unitized substances in paying quantities in each and every productive formation and shall be as complete and adequate as the Supervisor, the Commissioner and the Commission may determine to be necessary for timely development and proper conservation of the oil and gas resources of the unitized area and shall (a) specify the number and locations of any wells to be drilled and the proposed order and time for such drilling; and (b) to the extent practicable specify the operating practices regarded as necessary and advisable for proper conservation of natural resources. Separate plans may be submitted for separate productive zones, subject to the approval of the Supervisor, the Commissioner and the Commission. Said plan or plans shall be modified or supplemented when necessary to meet changed conditions or to protect the interests of all parties to this agreement. Reasonable diligence shall be exercised in complying with the obligations of the approved plan of development. The Supervisor and Commissioner are authorized to grant a reasonable extension of the 6-month period herein prescribed for submission of an initial plan of development where such action is justified because of unusual conditions or circumstances. After completion hereunder

of a well capable of producing any unitized substance in paying quantities and the drilling program outlined in Section 9 above, no further wells, except such as may be necessary to afford protection against operations not under this agreement or such as may be specifically approved by the Supervisor, the Commissioner and the Commission, shall be drilled except in accordance with a plan of development approved as herein provided.

11. PARTICIPATION AFTER DISCOVERY:

(a) Mesaverde and Shallower Formations. That portion of the unit area lying above the base of the Mesaverde formation is hereby divided into Drilling Blocks containing 320 acres, each more or less, which Drilling Blocks shall constitute one-half sections, by Government survey, the sections being divided by a line running north and south in such manner that each Drilling Block shall be either the East Half (E/2) or the West Half (W/2) of each given section; provided, however, that in any instances of irregular surveys that portion of a section which most nearly constitutes either the East Half (E/2) or the West Half (W/2) shall constitute a Drilling Block even though its acreage may be irregular, and provided further that any irregular strips or small tracts shall attach to the adjacent Drilling Blocks to which they most logically attach within the limitations for Drilling Blocks as herein set forth, and provided further that in the event any portion of the area subject to this agreement is not surveyed, Unit Operator shall project the survey from the nearest established Government survey points for the purposes of this agreement.

Upon completion of a well capable of producing unitized substances from the Mesaverde or shallower formations or as soon thereafter as required by the Supervisor or the Commissioner, the Unit Operator shall determine whether said well is capable of producing unitized substances in paying quantities and shall advise the Supervisor, the Commissioner and the Commission, and each affected working interest owner of its conclusion in that regard, giving the data upon which its conclusion is based and identifying the Drilling Block upon which said well is located. Protests against said conclusion may be filed with the Director, the Commissioner and the Commission within 15 days thereafter but unless the Director, the Commissioner or the Commission shall, within 30 days after the filing of the original statement of conclusion by Unit Operator, disapprove of such conclusion, the decision of Unit Operator shall thereafter be binding upon the parties hereto. If any such well is determined to be capable of producing unitized substances in paying quantities, all of the land in the Drilling Block shall constitute the participating area for the formation from which the well is producing effective as of the date of first production. Unit

Operator shall prepare a schedule setting forth the percentage of unitized substances to be allocated, as herein provided, to each unitized tract in the participating area so established, and upon approval thereof by the Director, the Commission and Commissioner said schedule shall govern the allocation of production from and after the date the participating area becomes effective. A separate participating area shall be established in like manner for each separate pool or deposit of unitized substances or for any group thereof producing as a single pool or zone, and all of the provisions of this section of this agreement shall be considered as applicable separately for each such participating area. It is hereby agreed for the purposes of this agreement that all wells completed for production in the Fruitland formation shall be regarded as producing from a single zone or pool and all wells completed for production in the Pictured Cliffs formation shall be regarded as producing from a single zone or pool, and all wells completed for production in the Mesaverde group shall be regarded as producing from a single zone or pool. Additional Drilling Blocks, subject to any limitations elsewhere set out in this agreement, shall be admitted to the participating area on the first day of the month following the month in which it has been established that a well capable of production of unitized substances in paying quantities has been drilled on any such Drilling Block, and the percentage of allocation shall be revised accordingly, in which event all of the production prior to the effective date of admission of such Drilling Block to the participating area shall be credited solely to the account of that particular block. For the purposes hereof, it shall be deemed that the capability of a well to produce unitized substances in paying quantities has been established when so determined by the Unit Operator and when notice of such determination shall have been delivered to the Supervisor, the Commissioner and the Commission, and each affected working interest owner, which notice includes the data upon which the determination is based and identifies the Drilling Block upon which the well is located, subject to the right of any interested party to protest in writing against said determination to the Unit Operator, the Director, the Commissioner and the Commission within 15 days thereafter; however, in any event, such determination shall become effective within 30 days from the date thereof unless disapproved within said 30-day period by the Director, Commissioner, or Commission. In the event such determination is not upheld and changed conditions subsequently warrant, a new determination based on new showings and a new

effective date may be submitted and processed in the same manner as aforesaid.

No land shall be excluded from a participating area on account of depletion of the unitized substances.

In the event that any Drilling Block is admitted to a participating area as hereinabove provided when it lies directly north, south, east, or west of any Drilling Block already included in said participating area, and where there is one, but only one intervening Drilling Block on which no well has then been drilled, said intervening Drilling Block shall also be admitted to said participating area at the same time, in the same manner and subject to the same conditions as the Drilling Block which is then admitted to such participating area by reason of the completion of a well thereon capable of producing unitized substances in paying quantities. In such event, the drilling of a well on such undrilled intervening Drilling Block shall be commenced, within one year from the effective date of said Drilling Block's inclusion in the participating area, unless said time be extended by the Director, Commissioner, and Commission, and shall be continued with due diligence to the depth necessary to test the horizon from which production is secured in said participating area.

If the initial well on any Drilling Block is not capable of production in paying quantities and at a later date a well is drilled on such Drilling Block which is capable of production of unitized substances in paying quantities, then that portion of the Drilling Block considered to be capable of production in paying quantities by reasonable geologic inference shall be admitted to the participating area upon recommendation of the Unit Operator and approval of the Director, the Commissioner and the Commission. If geologic inference is not applicable, the forty-acre tract by Government survey, existing or projected, on which the producible well is drilled and all other untested forty-acre tracts or lots approximating 40 acres lying within the Drilling Block shall be admitted to the participating area.

If any Drilling Block, or portion thereof, on which a well has been drilled is not included in a participating area, conformably with the provisions of this agreement, and thereafter should become capable of production in paying quantities by reason of repressuring or other methods of secondary recovery, such Drilling Block or portion thereof shall be admitted to the applicable participating area on recommendation of the Unit Operator and approval thereof as provided for the inclusion of

lands in a participating area in the preceding paragraph hereof.

Regardless of any revision of the participating area, and except as herein elsewhere specifically provided, there shall be no retroactive adjustment for production obtained prior to the effective date of any such revision of the participating area.

Whenever it is determined, in the manner provided in this agreement, that a well drilled under this agreement is not capable of production in paying quantities and inclusion of the Drilling Block 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 Drilling Block 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.

Notwithstanding the foregoing, in the event the initial well capable of producing in paying quantities in any formation lying above the base of the Mesaverde shall be an oil well, then the participation in that formation shall be in accordance with the provisions of Subsection (b) of this Section 11 and in lieu of the foregoing provisions of this Subsection (a) of Section 11.

(b) From Formations Below the Mesaverde. Upon completion of a well capable of producing unitized substances from formations lying below the base of the Mesaverde in paying quantities, or as soon thereafter as required by the Supervisor and Commissioner, the Unit Operator shall submit for approval by the Director, the Commissioner, and the Commission, a schedule based on subdivisions of the public-land survey or aliquot parts thereof, of all unitized land then regarded as reasonably proved to be productive of unitized substances in paying quantities; all lands in said schedule on approval of the Director, the Commissioner, and the Commission to constitute a participating area, effective as of the date of first production. Said schedule also shall set forth the percentage of unitized substances to be allocated as herein provided to each unitized tract in the participating area so established, and shall govern the allocation of production from and after the date the participating area becomes effective.

A separate participating area shall be established in like manner for each

separate pool or deposit of unitized substances or for any group thereof produced as a single pool or zone, and any two or more participating areas so established may be combined into one with the consent of the owners of all working interests in the lands within the participating areas so to be combined, on approval of the Director, the Commissioner, and the Commission. The participating area or areas so established shall be revised from time to time, subject to like approval, whenever such action appears proper as a result of further drilling operations or otherwise, to include additional land then regarded as reasonably proved to be productive in paying quantities and the percentage of allocation shall also be revised accordingly. The effective date of any revision shall be the first of the month in which is obtained the knowledge or information on which such revision is predicated, unless a more appropriate effective date is specified in the schedule. No land shall be excluded from a participating area on account of depletion of the unitized substances.

It is the intent of this Subsection (b) 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 Commissioner, and the Commission as to the proper definition or redefinition of a participating area, or until a participating area has, or areas have, been established as provided herein, the portion of all payments affected thereby may be impounded in a manner mutually acceptable to the owners of working interests, except royalties due the United States and the State of New Mexico, which shall be determined by the Supervisor and the Commissioner and the amount thereof deposited as directed by the Supervisor and the Commissioner, respectively, to be held as unearned money until a participating area is finally approved and then applied as earned or returned in accordance with a determination of the sum due as Federal and State Royalty on the basis of such approved participating area.

Whenever it is determined, subject to the approval of the Supervisor, as to wells on Federal land, the Commissioner as to wells on State land, and the Commission as to patented land, that a well drilled under this agreement is not capable

of production in paying quantities and inclusion of the land on which it is situated in a participating area is unwarranted, production from such well shall, for the purposes of settlement among all parties other than working interest owners, be allocated to the land on which the well is located so long as such land is not within a participating area established for the pool or deposit from which such production is obtained. Settlement for working interest benefits from such a well shall be made as provided in the unit operating agreement.

12. ALLOCATION OF PRODUCTION: All unitized substances produced from each participating area established under this agreement, except any 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 and Commissioner, 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 land, the Commissioner as to State land and the Commission as to 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 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 operated by Unit Operator in accordance with the terms of this agreement and the unit operating agreement.

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

14. ROYALTY SETTLEMENT: The United States and the State of New Mexico and all royalty owners who, under existing 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 and Commissioner, a like amount of gas, after settlement as herein provided for any gas transferred from any other participating area and with due allowance for loss or depletion from any cause, may be withdrawn from the formation into which the gas was introduced, royalty free as to dry gas, but not as to the products extracted therefrom; provided that such withdrawal shall be at such time as may be provided in the plan of operations or as may otherwise be consented to by the Supervisor as conforming to good petroleum engineering practice; and provided further, that such right of withdrawal shall terminate on the termination of this unit agreement.

Royalty due the United States shall be computed as provided in the operating regulations and paid in value or delivered in kind as to all unitized substances on the basis of the amounts thereof allocated to unitized Federal land as provided herein at the rates specified in the respective Federal leases, or at such lower rate or rates as may be authorized by law or regulations; 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 subject to this agreement shall be paid at the rate specified in the respective leases from the United States unless such rental or minimum royalty is waived, suspended, or reduced by law or by approval of the Secretary or his duly authorized representative.

Rentals on State of New Mexico lands subject to this agreement shall be paid at the rates specified in the respective leases, or may be reduced or suspended upon the order of the Commissioner pursuant to applicable laws and regulations.

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

16. 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 pursuant to applicable regulations pay a fair and reasonable compensatory royalty as determined by the Supervisor for Federal lands or as approved by the 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 leases and the Commissioner as to State leases shall and each by his approval hereof, or by the approval hereof by his duly authorized representative, does hereby establish, alter, change, or revoke the drilling, producing, rental, minimum royalty, and royalty requirements of Federal and State leases committed hereto and the regulations in respect thereto to conform said requirements to the provisions of this agreement, and, without limiting the generality of the foregoing, all leases, subleases, and contracts are particularly modified in accordance with the following:

(a) The development and operation of lands subject to this agreement under the terms hereof shall be deemed full performance of all obligations for development and operation with respect to each and every part or separately owned tract subject to this agreement, regardless of whether there is any development of any particular part or tract of the unit area, notwithstanding anything to the contrary in any lease, operating agreement or other contract by and between the parties hereto, or their respective predecessors in interest, or any of them.

(b) Drilling and producing operations performed hereunder upon any tract of unitized lands will be accepted and deemed to be performed upon and for the benefit of each and every tract of unitized land, and no 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 (or his duly authorized representative) and the Commissioner or with the approval of the Commission 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, committed to this agreement, which, by its terms might expire prior to the termination of this agreement, is hereby extended beyond any such term so provided therein so that it shall be continued in full force and effect for and during the term of this agreement.

(e) Any Federal lease for a fixed term of twenty (20) years or any renewal thereof or any part of such lease which is made subject to this agreement shall continue in force beyond the term provided therein until the termination hereof. Any other Federal lease committed hereto shall continue in force beyond the term so provided therein or by law as to the committed land so long as such land remains committed hereto, provided unitized substances are discovered in paying quantities within the unit area prior to the expiration date of the primary term of such lease.

(f) Each sublease or contract relating to the operation and development of unitized substances from lands of the United States committed to this agreement, which by its terms would expire prior to the time at which the underlying lease, as extended by the immediately preceding paragraph, will expire, is hereby extended beyond any such term so provided therein so that it shall be continued in full force and effect for and during the term of the underlying lease as such term is herein extended.

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

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 Secretary or his duly authorized representative and shall terminate five years from said effective date, unless (a) such date of expiration is

extended by the Director and Commissioner, or (b) it is reasonably determined prior to the expiration of the fixed term or any extension thereof that the unitized land is incapable of production of unitized substances in paying quantities in the 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 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 75 per centum, on an acreage basis, of the owners of working interests signatory hereto, with the approval of the Director and Commissioner; notice of any such approval to be given by the Unit Operator to all parties hereto.

21. RATE OF PROSPECTING, DEVELOPMENT, AND PRODUCTION:

All production and the disposal thereof shall be in conformity with allocations, allotment 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 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 Commissioner

and as to any lands of the State of New Mexico or privately-owned lands subject to this agreement as to the quantity and rate of production in the absence of specific written approval thereof by the Commission.

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

22. AUTOMATIC ELIMINATION: Notwithstanding any other provisions of this agreement, any lease, no portion of which is included within a participating area within 7 years after the first sale of unitized substances from any lands subject to this agreement, shall be automatically eliminated from this agreement, and said lease and the lands covered thereby 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 7 year period drilling operations are in progress on such lease, in which event the lands covered by such lease shall remain subject hereto and within said unit area for so long as such drilling operations are continued diligently and, so long thereafter as such lands or any portion thereof may be included in a participating area hereunder. Inasmuch as any elimination under this section is automatic, the Unit Operator shall, within 90 days after any such elimination hereunder, describe the area so eliminated, and promptly notify all parties in interest.

23. 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 Commission, agree that all powers and authority vested in the Commission in and by any provisions of this contract are vested in the Commission and shall be exercised by it pursuant to the provisions of the laws of the

State of New Mexico and subject in any case to appeal or judicial review as may now or hereafter be provided by the laws of the State of New Mexico.

24. 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 and the Commission and to appeal from orders issued under the regulations of said Department and/or Commission or to apply for relief from any of said regulations or in any proceedings relative to operations before the Department of the Interior, the 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.

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

26. 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.

27. 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.

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

29. LOSS OF TITLE: In the event title to any tract of unitized land shall fail and the true owner cannot be induced to join in this unit agreement, such tract shall be automatically regarded as not committed hereto and there shall be such readjustment of future costs and benefits as may be required on account of the loss of such title. In the event of a dispute as to title as to any royalty, working interest, or other interests subject thereto, payment or delivery on account thereof may be withheld without liability for interest until the dispute is finally settled; provided, that, as to Federal land and State land or leases, no payments of funds due the United States or the State of New Mexico should be withheld, but such funds of the United States shall be deposited as directed by the Supervisor, and such funds of the State shall be deposited as directed by the Commissioner, to be held as unearned money pending final settlement of the title dispute, and then applied as earned or returned in accordance with such final settlement.

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

30. NON-JOINDER AND SUBSEQUENT JOINDER: If the owner of any substantial interest in a tract within the unit area fails or refuses to subscribe or consent to this agreement, the owner of the working interest in that tract may withdraw said tract from this agreement by written notice to the Director, the Commissioner and the Unit Operator prior to the approval of this agreement by the Director. 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 interest 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. Except as may otherwise herein be provided subsequent joinders to this agreement shall be effective as of the first day of the month following the filing with the Supervisor and Commissioner of duly executed counterparts of all or any papers necessary to establish effective commitment of any tract to this agreement unless objection to such joinder is duly made within 60 days by the Director or Commissioner.

31. 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.

32. SURRENDER: Nothing in this agreement shall prohibit the exercise by any working interest owner of the right to surrender vested in such party in any lease, sub-lease, or operating agreement as to all or any part of the lands covered thereby, provided that each party who will or might acquire such working interest by such surrender or by forfeiture as hereafter set forth, is bound by the terms of this agreement.

If as a result of any such surrender, the working interest rights as to such lands become vested in any party other than the fee owner of the unitized substances, said party shall forfeit such rights and no further benefits from operations hereunder as to said land shall accrue to such party, unless within ninety (90) days thereafter said party shall execute this agreement and the unit operating agreement as to the working interest acquired through such surrender, effective as though such

land had remained continuously subject to this agreement and the unit operating agreement. And in the event such agreements are not so executed, the party next in the chain of title shall be and become the owner of such working interest at the end of such ninety (90) day period, with the same force and effect as though such working interest had been surrendered to such party.

If as the result of any such surrender or forfeiture the working interest rights as to such lands become vested in the fee owner of the unitized substances, such owner may:

(1) Execute this agreement and the unit operating agreement as a working interest owner, effective as though such land had remained continuously subject to this agreement and the unit operating agreement.

(2) Again lease such lands but only under the condition that the holder of such lease shall within thirty (30) days after such lands are so leased execute this agreement and the unit operating agreement, effective as though such land had remained continuously subject to this agreement and the unit operating agreement.

(3) Operate or provide for the operation of such land independently of this agreement as to any part thereof or any oil or gas deposits therein not then included within a participating area.

If the fee owner of the unitized substances does not execute this agreement and the unit operating agreement as a working interest owner or again lease such lands as above provided, within six (6) months after any such surrender or forfeiture, such fee owner shall be deemed to have waived the right to execute the unit operating agreement or lease such lands, and to have agreed, in consideration for the compensation hereinafter provided, that operations hereunder shall not be affected by such surrender.

For any period the working interests in any lands are not expressly committed to the unit operating agreement as the result of any such surrender or forfeiture, the benefits and obligations of operations accruing to such lands under this agreement and the unit operating agreement shall be shared by the remaining owners of unitized working interests in accordance with their respective participating working interest ownerships, and such owners of working interests shall compensate the fee owner of unitized substances in such lands by paying sums equal to the rentals,

minimum royalties, and royalties applicable to such lands under the lease in effect when the lands were unitized, as to such participating area or areas.

Upon commitment of a working interest to this agreement and the unit operating agreement as provided in this section, an appropriate accounting and settlement shall be made, to reflect the retroactive effect of the commitment, for all benefits accruing to or payments and expenditures made or incurred on behalf of such surrendered working interest during the period between the date of surrender and the date of recommitment, and payment of any moneys found to be owing by such an accounting shall be made as between the parties then signatory to the unit operating agreement and this agreement within thirty (30) days after the recommitment. The right to become a party to this agreement and the unit operating agreement as a working interest owner by reason of a surrender or forfeiture as provided in this section shall not be defeated by the non-existence of a unit operating agreement and in the event no unit operating agreement is in existence and a mutually acceptable agreement between the proper parties thereto cannot be consummated, the Supervisor and Commissioner may prescribe such reasonable and equitable agreement as they deem warranted under the circumstances.

Nothing in this section shall be deemed to limit the right of joinder or subsequent joinder to this agreement as provided elsewhere in this agreement. The exercise of any right vested in a working interest owner to reassign such working interest to the party from whom obtained shall be subject to the same conditions as set forth in this section in regard to the exercise of a right to surrender.

33. TAXES: The working interest owners shall render and pay for their account and the account of the royalty owners all valid taxes on or measured by the unitized substances in and under or that may be produced, gathered and sold from the land subject to this contract after the effective date of this agreement, or upon the proceeds or net proceeds derived therefrom. The working interest owners on each tract shall and may charge the proper proportion of said taxes to the royalty owners having interests in said tract, and may currently retain and deduct sufficient of the unitized substances or derivative products, or net proceeds thereof from the allocated share of each royalty owner to secure reimbursement for the taxes so paid. No such taxes shall be charged to the United States or the State of New Mexico or to

any lessor who has a contract with his lessee which required the lessee to pay such taxes.

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

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

UNIT OPERATOR AND WORKING INTEREST OWNER

ATTEST _____ DATE: STANOLIND OIL AND GAS COMPANY
Lawrence DEC 4 1952 By W. J. UBE
Assistant Secretary Vice President

Address: Fair Building, Fort Worth, Texas

WORKING INTEREST OWNERS

ATTEST: _____ DATE: PHILLIPS PETROLEUM COMPANY
R. L. Arnold DEC By Stark
Assistant Secretary Vice President

Address: Bartlesville, Oklahoma

ATTEST _____ DATE: AMERADA PETROLEUM CORPORATION
Amerada DEC 11 By Edward Collough
Assistant Secretary Vice President

Address: Beacan Building, Tulsa, Oklahoma

ATTEST: _____ DATE: THREE STATES NATURAL GAS COMPANY

Assistant Secretary By _____
Vice President

Address: Tower Petroleum Building, Dallas, Texas

WORKING INTEREST OWNERS

Address: _____

Date: _____

1/13/53 *W. M. Langley*

Address: _____

Date: _____

1/21/53 *E. B. Hurley*

Address: _____

Date: _____

Address: _____

Date: _____

Address: _____

Date: _____

Address: _____

Date: _____

Address: _____

Date: _____

Address: _____

Date: _____

Address: _____

Date: _____

Address: _____

Date: _____

Address: _____

Date: _____

Address: _____

Date: _____

STATE OF Oklahoma)
COUNTY OF Tulsa)

On this 4th day of December, 1952, before me appeared J. E. Rouse, to me personally known, who, being by me duly sworn, did say that he is the Vice President of STANOLIND OIL AND GAS COMPANY and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said J. E. Rouse acknowledged said instrument to be the free act and deed of said corporation.

Given under my hand and notarial seal this 4th day of December, 1952.

My commission expires:
My Commission Expires October 4, 1955

Maxine M. Adams
Notary Public

STATE OF OKLAHOMA)
COUNTY OF WASHINGTON)

On this 5TH day of DECEMBER, 1952, before me appeared C. O. STARK, to me personally known, who, being by me duly sworn, did say that he is the VICE President of PHILLIPS PETROLEUM COMPANY and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said C. O. STARK acknowledged said instrument to be the free act and deed of said corporation.

Given under my hand and notarial seal this 5TH day of DECEMBER, 1952.

My commission expires:

August 1, 1955

Martha Rinehart
Notary Public

STATE OF OKLAHOMA)
COUNTY OF TULSA)

On this 11th day of December, 1952, before me appeared E. H. McCOLLOUGH, to me personally known, who, being by me duly sworn, did say that he is the Executive Vice President of AMERADA PETROLEUM CORPORATION and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said E. H. McCOLLOUGH acknowledged said instrument to be the free act and deed of said corporation.

Given under my hand and notarial seal this 11th day of December, 1952.

My commission expires:

February 26, 1953

James J. Higgins
Notary Public

STATE OF _____)
COUNTY OF _____)

On this _____ day of _____, 19____, before me appeared _____, to me personally known, who, being by me duly sworn, did say that he is the _____ President of _____ and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said _____ acknowledged said instrument to be the free act and deed of said corporation.

Given under my hand and notarial seal this _____ day of _____, 19____.

My commission expires:

Notary Public

STATE OF _____)
COUNTY OF _____)

On this _____ day of _____, 19____, before me appeared _____, to me personally known, who, being by me duly sworn, did say that he is the _____ President of _____ and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said _____ acknowledged said instrument to be the free act and deed of said corporation.

Given under my hand and notarial seal this _____ day of _____, 19____.

My commission expires:

Notary Public

STATE OF _____)
COUNTY OF _____)

On this _____ day of _____, 19____, before me appeared _____, to me personally known, who, being by me duly sworn, did say that he is the _____ President of _____ and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said _____ acknowledged said instrument to be the free act and deed of said corporation.

Given under my hand and notarial seal this _____ day of _____, 19____.

My commission expires:

Notary Public

STATE OF Texas
COUNTY OF Tarrant

On this 13 day of January, 1953, before me personally appeared W. M. Vaughan to me known to be the person described in and who executed and delivered the foregoing instrument, and acknowledged to me that he executed the same as his free act and deed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this 13 day of January, 1953
My commission expires: 6-1-53
Thora Prater THORA PRATER
Notary Public

STATE OF Louisiana
COUNTY OF Caddo

On this 21 day of January, 1953, before me personally appeared E. E. Butler to me known to be the person described in and who executed and delivered the foregoing instrument, and acknowledged to me that he executed the same as his free act and deed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this 21 day of January, 1953.
My commission expires: April 26 - 1956
Mildred Butler
Notary Public

STATE OF _____
COUNTY OF _____

On this _____ day of _____, 19____, before me personally appeared _____ to me known to be the person described in and who executed and delivered the foregoing instrument, and acknowledged to me that _____ executed the same as _____ free act and deed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this _____ day of _____, 19____.
My commission expires: _____

Notary Public

STATE OF _____
COUNTY OF _____

On this _____ day of _____, 19____, before me personally appeared _____ to me known to be the person described in and who executed and delivered the foregoing instrument, and acknowledged to me that _____ executed the same as _____ free act and deed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this _____ day of _____, 19____.
My commission expires: _____

Notary Public

STATE OF _____)
COUNTY OF _____)

On this _____ day of _____, 19____, before me personally appeared _____ to me known to be the person _____ described in and who executed and delivered the foregoing instrument, and acknowledged to me that _____ executed the same as _____ free act and deed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this _____ day of _____, 19____.

My commission expires:

Notary Public

STATE OF _____)
COUNTY OF _____)

On this _____ day of _____, 19____, before me personally appeared _____ to me known to be the person _____ described in and who executed and delivered the foregoing instrument, and acknowledged to me that _____ executed the same as _____ free act and deed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this _____ day of _____, 19____.

My commission expires:

Notary Public

STATE OF _____)
COUNTY OF _____)

On this _____ day of _____, 19____, before me personally appeared _____ to me known to be the person _____ described in and who executed and delivered the foregoing instrument, and acknowledged to me that _____ executed the same as _____ free act and deed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this _____ day of _____, 19____.

My commission expires:

Notary Public

STATE OF _____)
COUNTY OF _____)

On this _____ day of _____, 19____, before me personally appeared _____ to me known to be the person _____ described in and who executed and delivered the foregoing instrument, and acknowledged to me that _____ executed the same as _____ free act and deed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this _____ day of _____, 19____.

My commission expires:

Notary Public

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his heirs, devisees, assigns or successors in interest.

SIGNATURES AND ADDRESSES

ATTEST:

Wilson Petroleum Company

Name **By:** Genevieve A. Bowen
Secretary

Name **By:** Floyd J. Wilson
President

Address _____

Address 722 University Bldg.

Denver, Colorado

Name _____

Name _____

Address _____

Address _____

Name _____

Name _____

Address _____

Address _____

STATE OF _____)
COUNTY OF _____) SS

On this _____ day of _____, 195____, before me personally appeared

to me known to be the person _____ described in and who executed the foregoing instrument,
and acknowledged that _____ executed the same as _____ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.

Notary Public

My commission expires:

STATE OF _____)
COUNTY OF _____) SS

On this _____ day of _____, 195____, before me personally appeared

to me known to be the person _____ described in and who executed the foregoing instrument,
and acknowledged that _____ executed the same as _____ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.

Notary Public

My commission expires:

STATE OF _____)
COUNTY OF _____) SS

On this _____ day of _____, 195____, before me personally appeared

to me known to be the person _____ described in and who executed the foregoing instrument,
and acknowledged that _____ executed the same as _____ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.

Notary Public

My commission expires:

CORPORATION ACKNOWLEDGMENT

STATE OF COLORADO)
CITY &) SS.
COUNTY OF DENVER)

On this 15th day of December, 19 52, before me appeared Floyd J. Wilson to me personally known, who being by me duly sworn did say: that he is the _____ president of Wilson Petroleum Company and that the seal affixed to the above and foregoing instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said Floyd J. Wilson acknowledged said instrument to be the free act and deed of said corporation.

Given under my hand and seal this 15th day of December, 19 52.

My commission expires: March 13, 1956

Virginia Cecil
Notary Public

Residing at Denver, Colorado

CORPORATION ACKNOWLEDGMENT

STATE OF _____)
COUNTY OF _____) SS.

On this _____ day of _____, 19 _____, before me appeared _____ to me personally known, who being by me duly sworn did say: that he is the _____ president of _____ and that the seal affixed to the above and foregoing instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said _____ acknowledged said instrument to be the free act and deed of said corporation.

Given under my hand and seal this _____ day of _____, 19 _____.

My commission expires: _____

Notary Public

Residing at _____

NEW MEXICO ACKNOWLEDGMENT

STATE OF _____)
COUNTY OF _____) SS.

On this _____ day of _____, 19 _____, before me personally appeared _____ to me known to be the person described in and who executed the foregoing instrument, and acknowledged that _____ executed the same as _____ free act and deed.

Given under my hand and seal this _____ day of _____, 19 _____.

My commission expires: _____

Notary Public

Residing at _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his heirs, devisees, assigns or successors in interest.

Page 26

SIGNATURES AND ADDRESSES

Name *A. M. Emigh*
Address Durango, Colorado

Name *Lillian T. Emigh*
Address Durango, Colorado

Name *Leota D. Emigh*
Address Durango, Colorado

Name _____
Address _____

Name *Fred B. Emigh*
Address Durango, Colorado

Name _____
Address _____

COLORADO
STATE OF ~~NEW MEXICO~~
COUNTY OF LA PLATA

INDIVIDUAL ACKNOWLEDGEMENT

)
) ss.
)

On this 20th day of February, 19 53, before me personally appeared A. M. Emigh and Leota D. Emigh, his wife, and Fred B. Emigh and Lillian T. Emigh, his wife,

to me known to be the person s described in and who executed the foregoing instrument and acknowledged that they executed same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my official signature and affixed my notarial seal the day and year first above written.

Lillian T. Emigh
Notary Public

My Commission expires: September 17, 1956.

INDIVIDUAL ACKNOWLEDGEMENT

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his heirs, devisees, assigns or successors in interest.

Tract 26

SIGNATURES AND ADDRESSES

Name <u><i>A. M. Emigh</i></u>	Name <u><i>Lillian T. Emigh</i></u>
Address <u>Durango, Colorado</u>	Address <u>Durango, Colorado</u>
<hr/>	
Name <u><i>Leota D. Emigh</i></u>	Name _____
Address <u>Durango, Colorado</u>	Address _____
<hr/>	
Name <u><i>Fred B. Emigh</i></u>	Name _____
Address <u>Durango, Colorado</u>	Address _____

INDIVIDUAL ACKNOWLEDGEMENT

STATE OF ~~NEW MEXICO~~ COLORADO } ss.
COUNTY OF LA PLATA

On this 20th day of February, 19 53, before me personally appeared A. M. Emigh and Leota D. Emigh, his wife, and Fred B. Emigh and Lillian T. Emigh, his wife,

to me known to be the persons described in and who executed the foregoing instrument and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my official signature and affixed my notarial seal the day and year first above written.

Lillian T. Emigh
Notary Public

My Commission expires: September 17, 1956.

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his heirs, devisees, assigns or successors in interest.

SIGNATURES AND ADDRESSES

Name _____
Address _____

Name John A. Lovato
Address _____

Name _____

Name _____

INDIVIDUAL ACKNOWLEDGEMENT

STATE OF NEW MEXICO
COUNTY OF San Juan } ss.

On this 20th day of February, 1953, before me personally appeared Catarina R. Lovato a widow

to me known to be the person described in and who executed the foregoing instrument and acknowledged that she executed the same as her free act and deed.

IN WITNESS WHEREOF, I have hereunto set my official signature and affixed my notarial seal the day and year first above written.

My Commission expires: Oct 27, 1955

John A. Lovato
Notary Public

7-1-56

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his heirs, devisees, assigns or successors in interest.

SIGNATURES AND ADDRESSES

Name Thomas B. Miller

Address Bayfield Colo.

Name H. H. Miller

Address Bayfield Colo.

Name Burlak Miller

Address Bayfield Colo.

Name Maudie M. Miller

Address Dalhousie, Texas

Name _____

Address _____

Name _____

Address _____

7-2-36

NOTARY ACKNOWLEDGMENT---Individual

STATE OF ~~NEW MEXICO~~ TEXAS }
County of ~~DALLAM~~ ss.

On this 20th day of January 19⁵³, before me personally appeared V. H. McRee and Maudie M. McRee, husband and wife,
to me personally known to be the person^s described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission expires June 1, 1953 Elizabeth Knight
Notary Public

NOTARY ACKNOWLEDGMENT---Individual

STATE OF ~~NEW MEXICO~~ Colorado }
County of LA PLATA ss.

On this 1st day of February 19⁵³, before me personally appeared Thomas B. Miller and Beulah Miller, husband and wife,
to me personally known to be the person^s described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission expires 2-1-1955 Joe L. Cernack
Notary Public

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his heirs, devisees, assigns or successors in interest.

SIGNATURES AND ADDRESSES

Name Juan Ribas Name Juanita Ribas
Address Juan Ribas (Rivas) Address Juanita Ribas (Rivas)
Allison, Colorado Allison, Colorado

INDIVIDUAL ACKNOWLEDGEMENT

STATE OF ~~NEW MEXICO~~ COLORADO }
COUNTY OF La Plata } ss.

On this 9 th day of January, 1953, before me personally appeared Juan Ribas and Juanita Ribas, husband and wife

to me known to be the person described in and who executed the foregoing instrument and acknowledged that ~~they~~ executed the same as ~~their~~ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my official signature and affixed my notarial seal the day and year first above written.

My Commission expires: March 17, 1956

Leon F. Young
Notary Public

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his heirs, devisees, assigns or successors in interest.

Trade 58 H, B. C.

SIGNATURES AND ADDRESSES

Name *Rafael Martinez*
Address Rafael Martinez
Allison, Colorado

Name *Salvador J. Martinez*
Address Salvador J. Martinez
Allison, Colorado

Name _____
Address _____

Name _____
Address _____

INDIVIDUAL ACKNOWLEDGEMENT

STATE OF ~~NEW MEXICO~~ COLORADO)
COUNTY OF LA PLATA) ss.

On this 16 th day of February, 19 53, before me personally appeared Salvador J. Martinez, a single man, and Rafael Martinez, a single man

to me known to be the person s described in and who executed the foregoing instrument and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my official signature and affixed my notarial seal the day and year first above written.

Timon F. Young
Notary Public

My Commission expires: March 17, 1956

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his heirs, devisees, assigns or successors in interest.

Tract 59(2)

SIGNATURES AND ADDRESSES

Name Bennie C. Martinez
Bennie C. Martinez, also known as
Address Bonnie C. Martinez
Mesa Verde National Park, Colorado

Name Hubert Mowbray
~~Petra Salazar Candelaria, widow~~
Address ~~634 4th St., Durango, Colorado~~
Hubert Mowbray
634-4th St., Durango, Colorado

Name Ray Martinez
Ray Martinez
Address Mesa Verde National Park, Colorado

Name Juanita C. Mowbray
Juanita C. Mowbray, also known
Address as Jennie C. Mowbray
634 4th St., Durango, Colorado

WITNESSES TO SIGNATURE OF
Name PETRA SALAZAR CANDELARIA :
~~Address~~ Bennie C. Martinez
Ray C. Martinez

HER + MARK
Name _____
~~Hubert Mowbray~~
Address Petra Salazar Candelaria, widow
634 4th St., Durango, Colorado
429-4th Ave,

INDIVIDUAL ACKNOWLEDGEMENT

STATE OF ~~NEW MEXICO~~ COLORADO }
COUNTY OF LA PLATA } ss.

On this 11 day of February, 1953, before me personally appeared Petra Salazar Candelaria, a widow; Bennie C. Martinez and Ray Martinez
her husband; and Juanita C. Mowbray and Hubert Mowbray, her husband

to me known to be the person s described in and who executed the foregoing instrument and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my official signature and affixed my notarial seal the day and year first above written.

Mary E. Turner
Notary Public

My Commission expires: Feb. 15, 1954

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his heirs, devisees, assigns or successors in interest.

SIGNATURES AND ADDRESSES

Name Wade H. Young
Address Wade H. Young
Arboles, Colorado

Name _____
Address _____

Name _____
Address _____

Name _____
Address _____

Name _____
Address _____

Name _____
Address _____

Tr. 61 & 12 of 62

My commission expires:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
and acknowledged that _____ executed the same as _____ free act and deed.
to me known to be the person _____ described in and who executed the foregoing instrument,

On this _____ day of _____, 195____, before me personally appeared
STATE OF _____
COUNTY OF _____
SS _____

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.
and acknowledged that _____ executed the same as _____ free act and deed.
to me known to be the person _____ described in and who executed the foregoing instrument,

On this _____ day of _____, 195____, before me personally appeared
STATE OF _____
COUNTY OF _____
SS _____

November 1, 1956

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.
and acknowledged that _____ executed the same as _____ his free act and deed.
to me known to be the person _____ described in and who executed the foregoing instrument,

On this 17th day of February, 1953, before me personally appeared
STATE OF COLORADO
COUNTY OF LA PLATA
SS _____
Wade H. Young

RECEIVED
MAR 6 1953
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his heirs, devisees, assigns or successors in interest.

SIGNATURES AND ADDRESSES

Name *D. J. Macpherson Jr.*

Address _____

Name _____

Address _____

Name _____

Address _____

Name *J. L. Macpherson*

Address _____

Name _____

Address _____

Name _____

Address _____

My commission expires:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
and acknowledged that _____ executed the same as _____ free act and deed.
to me known to be the person _____ described in and who executed the foregoing instrument,

On this _____ day of _____, 195____, before me personally appeared
STATE OF _____
COUNTY OF _____
SS _____

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.
and acknowledged that _____ executed the same as _____ free act and deed.
to me known to be the person _____ described in and who executed the foregoing instrument,

On this _____ day of _____, 195____, before me personally appeared
STATE OF _____
COUNTY OF _____
SS _____

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.
and acknowledged that _____ executed the same as _____ free act and deed.
to me known to be the person _____ described in and who executed the foregoing instrument,

On this 5th day of March, 1953, before me personally appeared
STATE OF New Mexico
COUNTY OF Santa Fe
SS _____
A. A. MacPherson Jr. and Joseph G. MacPherson, Jr.

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his heirs, devisees, assigns or successors in interest.

SIGNATURES AND ADDRESSES

~~Name~~ Date _____

Address _____

Name _____

Address _____

Name _____

Address _____

Name Florence Whitsitt

Florence Whitsitt, Individually
~~Address~~ and as Administratrix of the
Estate of Pat Whitsitt, Deceased.
118 Yucca Drive Hobbs, N. Mex.

Name _____

Address _____

Name _____

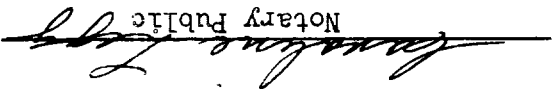
Address _____

Tracts 1A, 1B, 2, 3A, 3B, 4A, 4B, 5,
6A, 6B, 7A, 7B, 14A, 14B, 18, 19, 19A

STATE OF NEW MEXICO)
COUNTY OF LEA)
SS)
On this 15th day of December, 1952, before me personally appeared

FLORENCE WHITSITT, Individually and as Administratrix of

the Estate of Pat Whitsitt, Deceased
to me known to be the person described in and who executed the foregoing instrument,
and acknowledged that she executed the same as her free act and deed.
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.


Notary Public

My commission expires:

January 8, 1956

STATE OF)
COUNTY OF)
SS)

On this day of , 195, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument,
and acknowledged that executed the same as free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.

Notary Public

My commission expires:

STATE OF)
COUNTY OF)
SS)

On this day of , 195, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument,
and acknowledged that executed the same as free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal

My commission expires:

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his heirs, devisees, assigns or successors in interest.

SIGNATURES AND ADDRESSES

~~XXXX~~ _____
~~XXXXXX~~ *Charles F. Hayes*
ATTEST: _____

Name H. L. ROWLEY, INC.
By: *Rex Shaver*
~~XXXXXX~~ _____
Box 1784 - Shreveport, Louisiana

Name _____
Address _____

Name _____
Address _____

Name _____
Address _____

Name _____
Address _____

*Tracts: 1A(1), 1B(1), 2(1), 3A(1),
3B(1), 4A(1), 4B(1), 5(1), 6A(1),
6B(1), 7A(1), 7B(1)*

My commission expires:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
and acknowledged that _____ executed the same as _____ free act and deed.

On this _____ day of _____, 195____, before me personally appeared
COUNTY OF _____
STATE OF _____
SS _____

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.
and acknowledged that _____ executed the same as _____ free act and deed.

On this _____ day of _____, 195____, before me personally appeared
COUNTY OF _____
STATE OF _____
SS _____

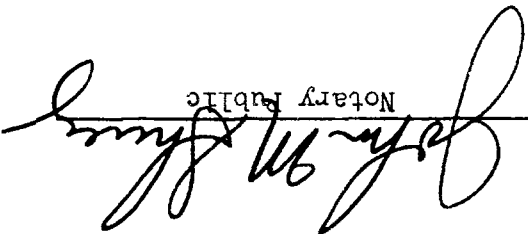
is for life

My commission expires:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.
and acknowledged that he executed the same as his free act and deed.

REX SHAVER, duly authorized Vice-President of H. L. Rowley, Inc.

On this _____ day of February, 1953, before me personally appeared
LOUISIANA
PARISH OF CADDO
SS _____


Notary Public

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his heirs, devisees, assigns or successors in interest.

SIGNATURES AND ADDRESSES

Name *J. Barron Duff*
Address Box 215
Seminole, Texas.

Name _____
Address _____

Name _____
Address _____

Name _____
Address _____

Name _____
Address _____

Name _____
Address _____

My commission expires:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal and acknowledged that _____ executed the same as _____ free act and deed.

On this _____ day of _____, 195____, before me personally appeared _____
STATE OF _____
COUNTY OF _____
SS _____

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

On this _____ day of _____, 195____, before me personally appeared _____
STATE OF _____
COUNTY OF _____
SS _____

My commission expires:
June 1st, 1953

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal and acknowledged that _____ executed the same as _____ free act and deed.

On this 11th day of February, 1953, before me personally appeared _____
STATE OF TEXAS
COUNTY OF GAINES
SS _____
J. Barron Duff

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

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SIGNATURES AND ADDRESSES

Name Benjamin R. Shumway
Address 607 Ridge Road
Lewistown, N.Y.

Name _____

Address _____

Name _____

Address _____

Name Mary Pauline Shumway
Address 607 Ridge Rd
Lewistown, N.Y.

Name _____

Address _____

Name _____

Address _____

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

to me known to be the person _____ executed the same as _____ free act and deed, and acknowledged that _____ described in and who executed the foregoing instrument,

On this _____ day of _____, 195____, before me personally appeared

STATE OF _____
COUNTY OF _____
SS _____

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

to me known to be the person _____ executed the same as _____ free act and deed, and acknowledged that _____ described in and who executed the foregoing instrument,

On this _____ day of _____, 195____, before me personally appeared

STATE OF _____
COUNTY OF _____
SS _____

FRANK E. CHAPMAN
NOTARY PUBLIC, STATE OF NEW YORK
Residing in Niagara Falls, New York
Commission expires March 20, 1954

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

to me known to be the person _____ executed the same as _____ free act and deed, and acknowledged that _____ described in and who executed the foregoing instrument,

On this 17th day of Dec, 1952, before me personally appeared

STATE OF New York
COUNTY OF Niagara
SS _____

Ernest R. Shumway, Notary

Mary Louise Shumway, his wife

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his heirs, devisees, assigns or successors in interest.

SIGNATURES AND ADDRESSES

Name _____

Address _____

Name _____

Address _____

Name _____

Address _____

Name Joseph Miller

Address 104-8th Ave
Clanton, Pa.

Name Helen Miller

Address 104-8th Ave
Clanton, Pa.

Name _____

Address _____

Track 2, 5, 7B, 13, 14B,
16B, 17B, 18

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

to me known to be the person _____ described in and who executed the foregoing instrument, and acknowledged that _____ executed the same as _____ free act and deed.

On this _____ day of _____, 195____, before me personally appeared

STATE OF _____
COUNTY OF _____
SS _____

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

to me known to be the person _____ described in and who executed the foregoing instrument, and acknowledged that _____ executed the same as _____ free act and deed.

On this _____ day of _____, 195____, before me personally appeared

STATE OF _____
COUNTY OF _____
SS _____

My commission expires:

Notary Public
My Commission Expires
February 1, 1953

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

to me known to be the persons _____ described in and who executed the foregoing instrument, and acknowledged that ~~they~~ executed the same as ~~three~~ free act and deed.

On this _____ day of _____, 195____, before me personally appeared

STATE OF _____
COUNTY OF _____
SS _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

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SIGNATURES AND ADDRESSES

Name *Don B. Blouse*

Address 608 First National Bank Bldg.
Albuquerque, New Mexico

Name *Louis R. Chavez*

Address 608 First National Bank Bldg.
Albuquerque, New Mexico

Name _____

Address _____

Name _____

Address _____

Name _____

Address _____

Name _____

Address _____

My commission expires:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal and acknowledged that _____ executed the same as _____ free act and deed.

On this _____ day of _____, 195____, before me personally appeared _____
STATE OF _____
COUNTY OF _____
SS _____

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

On this _____ day of _____, 195____, before me personally appeared _____
STATE OF _____
COUNTY OF _____
SS _____

22 January 1955

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

On this 11th day of February, 1953, before me personally appeared JOHN B. MARION and LOUISE C. MARION, his wife,
STATE OF NEW MEXICO
COUNTY OF BERNALILLO
SS _____

C-2-30

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

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SIGNATURES AND ADDRESSES

Name <u>Glenwood Oil Co.</u>	Name _____
Address <u>By <i>[Signature]</i></u>	Address _____
<u><i>Ag George Johnson</i></u>	_____
Name <u>2406 So. Poplar</u>	Name _____
Address <u>Casper, Wyo</u>	Address _____
_____	_____
Name _____	Name _____
Address _____	Address _____
_____	_____

My commission expires:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
and acknowledged that _____ executed the same as _____ free act and deed.
to me known to be the person _____ described in and who executed the foregoing instrument,

On this _____ day of _____, 195____, before me personally appeared
COUNTY OF _____
STATE OF _____
SS _____

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.
and acknowledged that _____ executed the same as _____ free act and deed.
to me known to be the person _____ described in and who executed the foregoing instrument,

On this _____ day of _____, 195____, before me personally appeared
COUNTY OF _____
STATE OF _____
SS _____

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.
and acknowledged that _____ ~~they~~ executed the same as _____ ~~they~~ free act and deed.
to me known to be the person _____ described in and who executed the foregoing instrument,

~~George Johnson, doing business as Johnson and George Johnson~~

On this ~~27th~~ ~~January~~ day of _____, 195____, before me personally appeared
COUNTY OF ~~NATRONA~~
STATE OF ~~WYOMING~~
SS _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

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SIGNATURES AND ADDRESSES

Name Vance W. McManus, Husband

Address 866 So Vine St

Denver, Colo.

Name Vance W McManus

Address 866 So Vine St

Denver, Colo

Name Shelma E McManus Wife

Address 866 So Vine St

Denver Colo

Name Shelma E McManus

Address 866 So Vine St

Denver Colo

Name _____

Address _____

Name _____

Address _____

Tract 9A

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

to me known to be the person _____ described in and who executed the foregoing instrument, and acknowledged that _____ executed the same as _____ free act and deed.

On this _____ day of _____, 195____, before me personally appeared

STATE OF _____
COUNTY OF _____
SS _____

Dec. 20, 1954

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

to me known to be the persons _____ described in and who executed the foregoing instrument, and acknowledged that they _____ executed the same as _____ free act and deed.

Vance B. McManus and Thelma B. McManus, husband and wife

On this 17th day of February, 1953, before me personally appeared

CITY & COUNTY OF DENVER
STATE OF COLORADO
SS _____

My commission expires:

Notary Public

Commission expires December 20, 1954

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

to me known to be the person _____ described in and who executed the foregoing instrument, and acknowledged that _____ executed the same as _____ free act and deed.

James M. McManus & Thelma B. McManus

On this 10th day of Feb., 1953, before me personally appeared

STATE OF _____
COUNTY OF _____
SS _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

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SIGNATURES AND ADDRESSES

Name _____

Address _____

Name _____

Address _____

Name _____

Address _____

Name RE Beamon

Address 1453 ESPERSON BLDG.
HOUSTON 2, TEXAS

Name Gladya Halford

Address 1453 ESPERSON BLDG.
HOUSTON 2, TEXAS

Name RE Beamon III

Address 1453 ESPERSON BLDG.
HOUSTON 2, TEXAS

Tract #10

STATE OF Texas)
COUNTY OF Harris)
SS)
On this 14th day of December, 1957, before me personally appeared Z. Beamon, a single man

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Betty Meade
Notary Public

BETTY MEADE
Notary Public in and for Harris County, Texas

6-1-53

My commission expires:

STATE OF Texas)
COUNTY OF Harris)
SS)
On this 14th day of December, 1957, before me personally appeared Madys Bedford, a single woman

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that she executed the same as her free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Betty Meade
Notary Public

BETTY MEADE
Notary Public in and for Harris County, Texas

6-1-53

My commission expires:

STATE OF Texas)
COUNTY OF Harris)
SS)
On this 17th day of December, 1957, before me personally appeared Z. Beamon III, a single man

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

Betty Meade
Notary Public

BETTY MEADE
Notary Public in and for Harris County, Texas

6-1-53

My commission expires:

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

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SIGNATURES AND ADDRESSES

Name Mary D. Campbell
Address 850 S. Santa Fe
Salina, Kansas

Name _____
Address _____

Name _____
Address _____

Name Guy R. Campbell
Address 850 S. Santa Fe
Salina, Kansas

Name _____
Address _____

Name _____
Address _____

Track 43

STATE OF KANSAS)
COUNTY OF SALINE)
SS)
On this 15th day of December, 1952, before me personally appeared
Guy E. Campbell and Mary E. Campbell, husband and wife,

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that ~~they~~ executed the same as ~~their~~ free act and deed.
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Robert H. Blair
Notary Public

My commission expires: NOTARY PUBLIC - KANSAS FEB. 2, 1954

STATE OF)
COUNTY OF)
SS)
On this _____ day of _____, 195____, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that _____ executed the same as _____ free act and deed.
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Notary Public

My commission expires:

STATE OF)
COUNTY OF)
SS)

On this _____ day of _____, 195____, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that _____ executed the same as _____ free act and deed.
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Notary Public

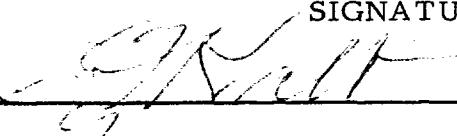
My commission expires:

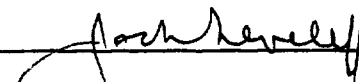
RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

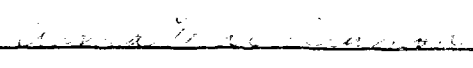
This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his heirs, devisees, assigns or successors in interest.


SIGNATURES AND ADDRESSES

Name 
Address 1415 Rosalie
Houston, Texas

Name 
Address 5404 Leopold
Houston, Texas

Name _____
Address _____

Name 
Address 6012 Charlotte
Houston, Texas

Name 
Address 5404 Leopold
Houston, Texas

Name _____
Address _____

Tract # 10

STATE OF Texas)
COUNTY OF Harris)
SS)
On this 15 day of December, 1952, before me personally appeared
E. F. Kalb, a single man

to me known to be the person described in and who executed the foregoing instrument,
and acknowledged that he executed the same as his free act and deed.
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.

Notary Public

My commission expires:

6/1/53

STATE OF Texas)
COUNTY OF Harris)
SS)

On this 15 day of December, 1952, before me personally appeared

Alma Mae Beamon, a widow

to me known to be the person described in and who executed the foregoing instrument,
and acknowledged that she executed the same as her free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.

Notary Public

My commission expires:

6/1/53

STATE OF Texas)
COUNTY OF Harris)
SS)

On this 15 day of December, 1952, before me personally appeared

Jack Neveloff and Julia Neveloff, his wife

to me known to be the persons described in and who executed the foregoing instrument,
and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.

My commission expires:

6/1/53

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his heirs, devisees, assigns or successors in interest.

SIGNATURES AND ADDRESSES

Name _____

Address _____

Name _____

Address _____

Name _____

Address _____

Name *J. Hatheway*

Address *1136 So. Quebec*
Tulsa, Okla.

Name *Grace L. Hatheway*

Address *1136 So. Quebec*
Tulsa, Okla.

Name _____

Address _____

My commission expires:

Anna M. J. J. J.
Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

to me known to be the person they executed the same as their free act and deed.

On this 14th day of January, 1953, before me personally appeared
STATE OF Oklahoma)
COUNTY OF Tulsa)
SS

My commission expires:

Anna M. J. J. J.
Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

to me known to be the person she executed the same as HER free act and deed.

On this 15th day of DECEMBER, 1952, before me personally appeared
STATE OF OKLAHOMA)
COUNTY OF TULSA)
SS

My commission expires:

Anna M. J. J. J.
Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

to me known to be the person HE executed the same as HIS free act and deed.

On this 15th day of DECEMBER, 1952, before me personally appeared
STATE OF OKLAHOMA)
COUNTY OF TULSA)
SS

E. K. HATHWAY

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his heirs, devisees, assigns or successors in interest.

SIGNATURES AND ADDRESSES

Name _____

Address _____

Name _____

Address _____

Name _____

Address _____

Name Albert E. Fagan

Address 2624 Carolina Way
Houston 5, Texas

Name Leona M. Fagan

Address 2624 Carolina Way
Houston 5, Texas

Name _____

Address _____

Trait #10

STATE OF TEXAS
COUNTY OF HARRIS
SS }
On this 16th day of December, 1952, before me personally appeared Albert R. Fagan and wife, Leona M. Fagan

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

John S. Smith
Notary Public

My commission expires: June 1, 1953

STATE OF
COUNTY OF
SS }

On this day of , 195, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that executed the same as free act and deed.
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Notary Public

My commission expires:

STATE OF
COUNTY OF
SS }

On this day of , 195, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that executed the same as free act and deed.

Notary Public

My commission expires:

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

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SIGNATURES AND ADDRESSES

Name Mrs Betty Jane Cranton
Address 303 W. Hamby
Midland, Texas

Name _____
Address _____

Name _____
Address _____

Name D. S. Brewster
Address 303 W. Hamby
Midland, Texas

Name _____
Address _____

Name _____
Address _____

Tracy

STATE OF Ohio
COUNTY OF Franklin
SS }
On this 19th day of December, 1952, before me personally appeared
R. S. Gresham & Mrs. Betty Jeanne Gresham as co-defendants

to me known to be the person 5 described in and who executed the foregoing instrument,
and acknowledged that ~~they~~ they executed the same as ~~their~~ new free act and deed.
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.

Edith B. Joyce
Notary Public

My commission expires:

June 1, 1953

STATE OF _____
COUNTY OF _____
SS }
On this _____ day of _____, 195____, before me personally appeared

to me known to be the person _____ described in and who executed the foregoing instrument,
and acknowledged that _____ executed the same as _____ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.

Notary Public

My commission expires:

STATE OF _____
COUNTY OF _____
SS }

On this _____ day of _____, 195____, before me personally appeared

to me known to be the person _____ described in and who executed the foregoing instrument,
and acknowledged that _____ executed the same as _____ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.

Notary Public

My commission expires:

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his heirs, devisees, assigns or successors in interest.

SIGNATURES AND ADDRESSES

Name C. S. Page Jr
Address _____

Medicine Lodge, Kansas

Name _____
Address _____

Name _____
Address _____

Name Julia Page
Address _____

Medicine Lodge, Kansas

Name _____
Address _____

Name _____
Address _____

My commission expires:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
and acknowledged that _____ executed the same as _____ free act and deed.
to me known to be the person _____ described in and who executed the foregoing instrument,

On this _____ day of _____, 195____, before me personally appeared
COUNTY OF _____
STATE OF _____
SS _____

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.
and acknowledged that _____ executed the same as _____ free act and deed.
to me known to be the person _____ described in and who executed the foregoing instrument,

On this _____ day of _____, 195____, before me personally appeared
COUNTY OF _____
STATE OF _____
SS _____

My commission expires:
October 3, 1954

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.
and acknowledged that ~~they~~ executed the same as ~~their~~ free act and deed.
to me known to be the person _____ described in and who executed the foregoing instrument,

On this 2nd day of January, 1953, before me personally appeared
COUNTY OF Barber
STATE OF Kansas
SS _____
O. S. Page, Jr. and Julia Page, his wife,

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his heirs, devisees, assigns or successors in interest.

SIGNATURES AND ADDRESSES

Name Ernest H. Peterson
Address 1626 Wilton St.
Denver Colo

Name Juanita V. Peterson
Address 1626 Wilton St.
Denver, Colorado

Name _____
Address _____

Name _____
Address _____

Name _____
Address _____

Name _____
Address _____

Wack 10/10

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

to me known to be the person _____ described in and who executed the foregoing instrument, and acknowledged that _____ executed the same as _____ free act and deed.

On this _____ day of _____, 195____, before me personally appeared

STATE OF _____
COUNTY OF _____
SS _____

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

to me known to be the person _____ described in and who executed the foregoing instrument, and acknowledged that _____ executed the same as _____ free act and deed.

On this _____ day of _____, 195____, before me personally appeared

STATE OF _____
COUNTY OF _____
SS _____

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

to me known to be the person _____ described in and who executed the foregoing instrument, and acknowledged that _____ executed the same as _____ free act and deed.

On this _____ day of _____, 195____, before me personally appeared

STATE OF _____
COUNTY OF _____
SS _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

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SIGNATURES AND ADDRESSES

~~NAME~~ DATE: 1-2-53
Name _____

Address _____

Name _____

Address _____

Name _____

Address _____

Name Sunshine Royalty Company

~~ADDRESS~~ By E. M. Elliott
Address _____
President

ATTEST: E. M. Elliott
Secretary

Name _____

Address _____

Name _____

Address _____

My commission expires:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
and acknowledged that _____ executed the same as _____ free act and deed.
to me known to be the person _____ described in and who executed the foregoing instrument,

On this _____ day of _____, 195____, before me personally appeared
STATE OF _____
COUNTY OF _____
SS _____

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.
and acknowledged that _____ executed the same as _____ free act and deed.
to me known to be the person _____ described in and who executed the foregoing instrument,

On this _____ day of _____, 195____, before me personally appeared
STATE OF _____
COUNTY OF _____
SS _____

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.
and acknowledged that _____ executed the same as _____ free act and deed.
to me known to be the person _____ described in and who executed the foregoing instrument,

On this _____ day of _____, 195____, before me personally appeared
STATE OF _____
COUNTY OF _____
SS _____

STATE OF New Mexico }
COUNTY OF Santa Fe } SS

On this 12 day of January, 1953, before me personally appeared
L-E. Elliott, to me personally known, who, being by
me duly sworn did say that he is the _____ President of Sunshine Realty Co
_____, and that the seal affixed to the foregoing instrument is
the corporate seal of said corporation and that said instrument was signed and
sealed in behalf of said corporation by authority of its Board of Directors, and
said L-E. Elliott acknowledged said instrument to be the
free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
on this the day and year first above written.

Ora R. Hall
Notary Public

My Commission Expires Oct 8, 1956

STATE OF _____ }
COUNTY OF _____ } SS

On this _____ day of _____, 19____, before me personally appeared
_____, to me personally known, who, being by
me duly sworn did say that he is the _____ President of _____
_____, and that the seal affixed to the foregoing instrument is
the corporate seal of said corporation and that said instrument was signed and
sealed in behalf of said corporation by authority of its Board of Directors, and
said _____ acknowledged said instrument to be the
free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
on this the day and year first above written.

Notary Public

My Commission Expires _____

STATE OF _____ }
COUNTY OF _____ } SS

On this _____ day of _____, 19____, before me personally appeared
_____, to me personally known, who, being by
me duly sworn did say that he is the _____ President of _____
_____, and that the seal affixed to the foregoing instrument
is the corporate seal of said corporation and that said instrument was signed and
sealed in behalf of said corporation by authority of its Board of Directors, and
said _____ acknowledged said instrument to be the
free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
on this the day and year first above written.

My Commission Expires _____

Notary Public

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his heirs, devisees, assigns or successors in interest.

SIGNATURES AND ADDRESSES

Name _____

Address _____

Name _____

Address _____

Name _____

Address _____

Name James E. Gibbs

Address Box 323

Hobbs N.M.
12-15-52

Name Dorothy Gibbs

Address Box 323, Hobbs, N.M.

12/15/52

Name _____

Address _____

Tracts 15, 15A, 15B

My commission expires:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
and acknowledged that _____ executed the same as _____ free act and deed.
to me known to be the person _____ described in and who executed the foregoing instrument,

On this _____ day of _____, 195____, before me personally appeared

STATE OF _____
COUNTY OF _____
SS _____

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.
and acknowledged that _____ executed the same as _____ free act and deed.
to me known to be the person _____ described in and who executed the foregoing instrument,

On this _____ day of _____, 195____, before me personally appeared

STATE OF _____
COUNTY OF _____
SS _____

My commission expires:
January 8, 1956

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.
and acknowledged that *they* executed the same as *them* free act and deed.
to me known to be the person *5* described in and who executed the foregoing instrument,

On this *15th* day of *December*, 195____, before me personally appeared
Isabelle E. Williams and Dorothy Williams, his wife.

STATE OF *New Mexico*
COUNTY OF *San*
SS _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his heirs, devisees, assigns or successors in interest.

SIGNATURES AND ADDRESSES

Name Virginia L. Stone
Address Bridgeport, Texas
Route # 1

Name J. L. Stone
Address Bridgeport, Texas
Route # 1

Name _____
Address _____

Name Mary Ann Stone
Address Bridgeport, Texas
Route # 1

Name _____
Address _____

Name _____
Address _____

Tract 16 H

STATE OF Texas
COUNTY OF Wise
SS }
On this 19 day of Dec., 1952, before me personally appeared

Virgil L. Stone and Mary Jane Stone, his wife

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Fred G. Green

Notary Public
Wise County, Texas

My commission expires:

June 1st, 1953

STATE OF _____
COUNTY OF _____
SS }

On this _____ day of _____, 195, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that _____ executed the same as _____ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Notary Public

My commission expires:

STATE OF _____
COUNTY OF _____
SS }

On this _____ day of _____, 195, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that _____ executed the same as _____ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal

My commission expires:

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

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SIGNATURES AND ADDRESSES

Name _____

Address _____

Name _____

Address _____

Name _____

Address _____

Name Revis Bennett

Address Box 1064 - Hobbs N.M.

Dec. 15, 1952

Name Louise Bennett

Address Box 1064, Hobbs, N.M.

Dec. 15, 1952

Name _____

Address _____

Wack 176, 1952

My commission expires:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
and acknowledged that _____ executed the same as _____ free act and deed.
to me known to be the person _____ described in and who executed the foregoing instrument,

On this _____ day of _____, 195____, before me personally appeared
STATE OF _____
COUNTY OF _____
SS _____

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.
and acknowledged that _____ executed the same as _____ free act and deed.
to me known to be the person _____ described in and who executed the foregoing instrument,

On this _____ day of _____, 195____, before me personally appeared
STATE OF _____
COUNTY OF _____
SS _____

My commission expires:

NOTARY PUBLIC
My Commission Expires March 26, 1954

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.
and acknowledged that ~~they~~ they executed the same as ~~their~~ their free act and deed.
to me known to be the person _____ described in and who executed the foregoing instrument,

On this 15th day of December, 1952, before me personally appeared
STATE OF New Mexico
COUNTY OF Santa Fe
SS _____
Russ Bennett and Louise Bennett, his wife

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

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SIGNATURES AND ADDRESSES

21

Name M.B. Gunn
Address 710 Petroleum Bldg.
Wichita 2, Kansas

Name Edna Gunn
Address 710 Petroleum Bldg.
Wichita 2, Kansas

Name _____
Address _____

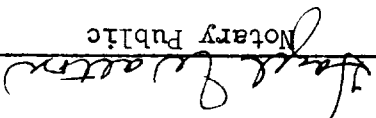
Name _____
Address _____

Name _____
Address _____

Name _____
Address _____

STATE OF Kansas)
COUNTY OF Sedgewick)
SS)
On this 20th day of January, 1953, before me personally appeared M. B. Armer and Olive Armer, husband and wife

to me known to be the person s described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.


Notary Public

My commission expires: Sept. 17, 1955

STATE OF)
COUNTY OF)
SS)

On this day of , 195, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that executed the same as free act and deed.
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Notary Public

My commission expires:

STATE OF)
COUNTY OF)
SS)

On this day of , 195, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that executed the same as free act and deed.
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Notary Public

My commission expires:

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 32-5 Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the term of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

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SIGNATURES AND ADDRESSES

Name *E. H. Dellinger*
Address *1700 - 8th*
Las Vegas, N. M.

Name *Maxine O. Dellinger*
Address *1700 - 8th*
Las Vegas, N. M.

Name _____
Address _____

Name *J. L. ...*
Address _____

Name *John ...*
Address *...*

Name *Esther Barton*
Address _____
Las Vegas, N. M.

Page 25

My commission expires: Aug. 30, 1955

My commission expires:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
and acknowledged that _____ executed the same as _____ free act and deed.

On this _____ day of _____, 195____, before me personally appeared
COUNTY OF _____
STATE OF _____
SS _____

My commission expires: Aug. 30, 1955

My commission expires:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.
and acknowledged that _____ executed the same as _____ free act and deed.

On this _____ day of _____, 195____, before me personally appeared
COUNTY OF _____
STATE OF _____
SS _____

My commission expires: Aug. 30, 1955

My commission expires:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
the day and year in this certificate above written.
and acknowledged that _____ executed the same as _____ free act and deed.

On this _____ day of _____, 195____, before me personally appeared
COUNTY OF _____
STATE OF _____
SS _____