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GRAYBURG-JACKSON UNIT
Eddy County, New Mexico

Case 2634

INDEX

<u>SECTION</u>		<u>PAGE</u>
1	Enabling Act and Regulations	2
2	Unit Area and Definitions	2
3	Exhibits	4
4	Expansion	4
5	Unitized Land and Unitized Substances	5
6	Unit Operator	5
7	Resignation or Removal of Unit Operator	5
8	Successor Unit Operator	6
9	Accounting Provisions and Unit Operating Agreement	7
10	Rights and Obligations of Unit Operator	7
11	Plan of Operations	7
12	Tract Participation	8
13	Tracts Qualified for Unit Participation	9
14	Allocation of Unitized Substances	10
15	Royalty Settlement	12
16	Rental Settlement	13
17	Conservation	14
18	Drainage	14
19	Leases and Contracts Conformed and Extended	14
20	Mathematical Errors	15
21	Covenants Run with Land	15
22	Effective Date and Term	16
23	Rate of Prospecting, Development and Production	17
24	Nondiscrimination	17
25	Appearances	17
26	Notices	18
27	No Waiver of Certain Rights	18
28	Unavoidable Delay	18
29	Loss of Title	18
30	Nonjoinder and Subsequent Joinder	19
31	Counterparts	20
32	Taxes	20
33	Conflict of Supervision	21
34	Limitation of Approvals	21
35	Border Agreements	21

EXHIBIT "A" (Map of Unit Area)

EXHIBIT "B" (Schedule of Ownership)

UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
GRAYBURG-JACKSON UNIT
Eddy County, New Mexico

No. _____

THIS AGREEMENT, entered into as of the _____ day of _____, 1962, by and between the parties subscribing, ratifying or consenting hereto, and herein referred to as "parties hereto,"

W I T N E S S E T H:

THAT, WHEREAS, the parties hereto are the owners of working, royalty or other oil or gas interests in the Unit subject to this Agreement; and,

WHEREAS, the Commissioner of Public Lands of the State of New Mexico is authorized by an Act of the Legislature (Sec. 3, Chap. 88, Laws 1943 as amended by Sec. 1 of Chap. 162, Laws of 1951, Chap. 7, Art. 11, Sec. 39, N.M.S. 1953 anno) to consent to or approve this Agreement on behalf of the State of New Mexico, in so far as it covers and includes lands and mineral interests of the State of New Mexico; and,

WHEREAS, the Commissioner of Public Lands of the State of New Mexico is authorized by an Act of the Legislature (Sec. 3, Chap. 88, Laws of 1943, as amended by Sec. 1, Chap. 162, Laws of 1951, Chap. 7, Art. 11, Sec. 41, N.M.S. 1953 anno) to amend with the approval of the lessee, any oil and gas lease embracing State lands so that the length of the term of said lease may coincide with the term of such unitized development and operation of State lands; and,

WHEREAS, the Oil Conservation Commission of the State of New Mexico is authorized by law (Chap. 72, Laws of 1935, as amended by Chap. 193, Laws of 1937, Chap. 166, Laws of 1941, and Chap. 168, Laws of 1949) to approve this Agreement, and the conservation provisions hereof; and,

WHEREAS, the Mineral Leasing Act of February 25, 1920, (41 Stat. 437, as amended, 30 U.S.C. Sections 181 et seq.) authorizes Federal lessees and their representatives to unite with each other or jointly or separately with others in collectively adopting and operating a cooperative or unit plan of development or operation of any oil or gas pool, field or like area or any part thereof for the purpose of more properly conserving the natural resources thereof whenever determined and certified by the Secretary of the Interior to be necessary or advisable in the public interest; and,

WHEREAS, the parties hereto hold sufficient interests in the Grayburg-Jackson Unit covering the land hereinafter described to give reasonably effective

control of operation therein; and,

WHEREAS, it is the purpose of the parties hereto, to enable institution and consummation of secondary recovery operations, conserve natural resources, prevent waste and secure the 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 entire respective interests in the below defined Unit Area, and agree severally among themselves as follows:

SECTION 1. ENABLING ACT AND REGULATIONS. The Mineral Leasing Act of February 25, 1920, as amended, supra, and all valid, pertinent regulations, including operating and unit plan regulations, heretofore issued thereunder and valid, pertinent and reasonable regulations hereafter issued thereunder are accepted and made a part of this Agreement as to Federal lands, provided such regulations are not inconsistent with the terms of this Agreement; and as to 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.

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

(a) "Unit Area" is defined as those lands specified on Exhibit "A" hereof, and such land is hereby designated and recognized as constituting the Unit Area; the lands described in said Exhibit "A" are described as:

NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO

EDDY COUNTY, NEW MEXICO

T-17-S, R-30-E

Sec. 22: SE/4; S/2 SW/4; NE/4 SW/4
Sec. 23: SW/4 NW/4; SW/4; S/2 SE/4
Sec. 25: SW/4
Sec. 26: All
Sec. 27: NE/4; NE/4 SE/4
Sec. 36: NW/4 NW/4

and containing 1600 acres, more or less.

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

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

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

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

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

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

(h) "Premier sand" is defined as and shall mean that heretofore established under-ground reservoir, a member of the Grayburg Formation of the Guadalupe Series, a part of the Permian System, which is found at 3132 to 3195 feet in Ambassador Oil Corporation's Federal "B" 5 well, located in the South Half of the Southwest Quarter (S/2 SW/4) of Section 23, Township 17 South, Range 30 East, N.M.P.M.

(i) "Unitized Formation" is defined as that portion of the Premier sand effectively committed to this Agreement.

(j) "Unitized Substances" is defined as and shall mean all of the oil and gas contained in or produced from the Unitized Formation.

(k) "Cumulative Oil Recovery" is defined as that amount of Unitized Substances which was produced from the Unitized Formation in the Unit Area to 8:00 a.m. MST, July 1, 1960.

(l) "Net Acre-Feet" is defined as the product of average net feet of pay zone, multiplied by productive area laterally covered by the area for which the net feet has been averaged, as interpreted by the Engineering Subcommittee of the Working Interest Owners.

(m) "Working Interest" is defined as the right to search for, produce and acquire Unitized Substances whether held as an incident of ownership of mineral fee simple title, under an oil and gas lease, or otherwise held.

(n) "Working Interest Owner" is defined as and shall mean any party owning a Working Interest, including a carried working interest owner, holding an interest in Unitized Substances by virtue of a lease, operating agreement, fee title or otherwise, which interest is chargeable with and obligated to pay or bear, either in cash or out of production, or otherwise, all of a portion of the cost of drilling, developing and producing the Unitized Substance from the Unitized Formation and operating thereof hereunder.

(o) "Royalty Interest" or "Royalty" is defined as an interest other than a Working Interest in or right to receive a portion of the Unitized Substances or the proceeds thereof and includes the royalty interest reserved by the lessor by an oil and gas lease and any overriding royalty interest, oil payment interest, net profit contracts, or any other payment or burden which does not carry with it the right to search for and produce Unitized Substances.

(p) "Royalty Owner" is defined as and shall mean the owner of a Royalty Interest.

* (q) "Unit Operating Agreement" is defined as and shall mean any agreement or agreements (whether one or more) entered into (separately or collectively) by and between the Unit Operator and the Working Interest Owners as provided in Section 9 (Accounting Provisions and Unit Operating Agreement), infra, and shall be styled "Unit Operating Agreement, Grayburg-Jackson Unit, Eddy County, New Mexico."

(r) "Paying Quantities" is defined as production of Unitized Substances in quantities sufficient to pay for the cost of producing same from wells on the unitized land.

(s) "Unit Manager" is defined as the person or corporation appointed by the Working Interest Owners to perform the duties of the Unit Operator until the selection and qualification of a successor Unit Operator as provided for in Section 8 (Successor Unit Operator) hereof.

SECTION 3. EXHIBITS. Exhibit "A" attached hereto is a map showing, to the extent known to the Unit Operator, the Unit Area and the boundaries and identity of tracts and leases in said Unit Area. Exhibit "B" attached hereto is a schedule showing, to the extent known to the Unit Operator, the acreage comprising each tract, percentage ownership of each Working Interest Owner in each tract, kind of ownership of oil and gas interests, and the percentage of participation each tract has 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 render such revision necessary, and at least two copies of such revision shall be filed with the Commissioner, and not less than six copies thereof shall be filed with the Supervisor.

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

(a) The Working Interest Owner or owners of a tract or tracts desiring to bring such tract or tracts into this Unit, shall file an application therefor with Unit Operator requesting such admission.

(b) Unit Operator shall circulate a notice to each Working Interest Owner of the proposed expansion, setting out the basis for admission, the unit participation to be assigned to each such tract, and other pertinent data. After negotiation (at Working Interest Owners' meeting or otherwise) if 90 per cent of the Working Interest Owners (on the basis of unit participation) have agreed to such tract or tracts being brought into the Unit, then Unit Operator shall:

(1) After preliminary concurrence by the Director, prepare a notice of proposed expansion describing the contemplated changes in the boundaries of the Unit Area, the reason therefor, the basis for admission of the additional tract or tracts, the tract participation to be assigned thereto and the proposed effective date thereof, preferably the first day of a month subsequent to the date of notice; and,

(2) Deliver copies of said notice to the Commissioner, the Supervisor, each Working Interest Owner, lessee and lessor whose interests are affected, (mailing copy of such notice to the last known address of each such Owner) and to the lessee and lessor whose interests are proposed to be committed, advising such parties who are already committed that thirty (30) days will be allowed for submission to the Unit Operator of any objection to such proposed expansion and soliciting joinders from the owners of interests in the lands to be admitted; and,

(3) File, upon the expiration of said thirty (30) day period as set out in (2) immediately above and provided that objections of not more than 10 per cent of the Working Interest Owners have been filed thereto, with the Commissioner, Director and the Commission the following: (a) Comprehensive statement as to mailing said notice of expansion; (b) An application for such expansion in sufficient number for appropriate approval and distribution; and (c) An instrument containing the appropriate joinders in compliance with the participation requirements of Section 13 (Tracts Qualified for Unit Participation) and Section 30 (Nonjoinder and Subsequent Joinder), infra;

Provided, however, if a dissenting Working Interest Owner owns more than a 10 per cent voting interest, it must be joined in such dissent by at least one other Working Interest Owner.

The expansion shall, after due consideration of all pertinent information and upon approval by the Commissioner and the Director and the Commission, become effective as of the date prescribed in the notice thereof or on such other more appropriate date as set by the Commissioner and the Director and the Commission in the order or instrument approving such expansion. The revised Tract Participations of the respective tracts included within the Unit Area prior to such enlargement shall remain in the same ratio one to another.

SECTION 5. UNITIZED LAND AND UNITIZED SUBSTANCES. All oil and gas in all of the hereinabove described and subsequently admitted land effectively committed to this Agreement, are herein called Unitized Substances, in so far only as the same may be found in the Premier sand, together with the pertinent surface rights, are unitized under the terms of this Agreement and said land shall constitute land referred to herein as "Unitized Land" or "Land Subject to this Agreement."

SECTION 6. UNIT OPERATOR. Ambassador Oil Corporation, a Delaware corporation, is hereby designated as Unit Operator, and by signing this instrument as Unit Operator it agrees and consents to accept the duties and obligations of Unit Operator for the operation, development and production of Unitized Substances as herein provided. Whenever reference is made herein to the Unit Operator, such reference means the Unit Operator acting in that capacity and not as an owner of interests in Unitized Substances, and the term "Working Interest Owner" when used herein shall include or refer to Unit Operator as the owner of a Working Interest when such an interest is owned by it.

SECTION 7. RESIGNATION OR REMOVAL OF UNIT OPERATOR. Unit Operator shall have the right to resign at any time, but such resignation shall not become effective so as to release Unit Operator from the duties and obligations of Unit Operator and terminate Unit Operator's rights as such for a period of six (6) months after written notice of intention to resign has been given by Unit Operator to all Working Interest Owners, the Commissioner and the Supervisor, unless a new Unit Operator shall have taken over and assumed the duties and obligations of Unit Operator prior to the expiration of said period.

Upon default or failure in the performance of its duties or obligations hereunder, the Unit Operator may be subject to removal by 75 per cent of the committed

Working Interest Owners (on the basis of Unit participation) exclusive of the Working Interest Owner who is the Unit Operator. Such removal shall be effective upon notice thereof to the Commissioner and the Supervisor.

In all such instances of effective resignation or removal, until a successor to Unit Operator is selected and approved as hereinafter provided, the Working Interest Owners shall be jointly responsible for the performance of the duties of the Unit Operator and shall, not later than thirty (30) days before such resignation or removal becomes effective, appoint a Unit Manager to represent them in any action to be taken hereunder.

The resignation or removal of Unit Operator under this Agreement shall not terminate its right, title or interest as the owner of a Working Interest or other interest in Unitized Substances, but upon the resignation or removal of Unit Operator becoming effective, such Unit Operator shall deliver possession of all equipment, books, and records, materials, appurtenances and any other assets, used in conducting the Unit Operations and owned by the Working Interest Owners (including any and all data and information which it might have gained or assembled by reason of its operation of the Unit Area) to the new duly qualified successor Unit Operator or to the Unit Manager 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. Nothing herein contained shall be construed to relieve or discharge any Unit Operator who resigns or is removed hereunder for any liability or duties accruing or performable by it prior to the effective date of such resignation or removal.

SECTION 8. SUCCESSOR UNIT OPERATOR. Whenever the Unit Operator shall tender its resignation as Unit Operator or shall be removed as hereinabove provided, the Working Interest Owners shall select a successor Unit Operator by a majority vote of the Working Interest Owners (on the basis of Unit participation), provided no Working Interest Owner who has been Unit Operator and who has been removed may vote for self-succession. Such selection shall not become effective until (a) a Unit Operator so selected shall accept in writing the duties and responsibilities of Unit Operator, and (b) the selection shall have been filed with the Commissioner and the Supervisor. If no successor Unit Operator or Unit Manager is selected and qualified as herein provided, the Commissioner and the Director, at their election, may declare this Agreement terminated.

SECTION 9. ACCOUNTING PROVISIONS AND UNIT OPERATING AGREEMENT. Costs and expenses incurred by Unit Operator in conducting Unit operations hereunder shall be paid, apportioned among and borne by the Working Interest Owners in accordance with the Unit Operating Agreement. Such Unit Operating Agreement shall also provide the manner in which the Working Interest Owners shall be entitled to receive their respective proportionate and allocated share of the benefits accruing 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 the 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 Agreement, and in case of any inconsistency or conflict between this Agreement and the Unit Operating Agreement, this Agreement shall prevail. Two true copies of any Unit Operating Agreement executed pursuant to this Section shall be filed with the Commissioner and three true copies thereof shall be filed with the Supervisor, prior to approval of this Agreement.

SECTION 10. RIGHTS AND OBLIGATIONS OF UNIT OPERATOR. Except as otherwise specifically provided herein, the exclusive right, privilege and duty of exercising any and all rights of the parties hereto which are necessary or convenient for 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.

SECTION 11. PLAN OF OPERATIONS. It is recognized and agreed by the parties hereto that all of the land subject to this Agreement is reasonably proved to be productive of Unitized Substances in paying quantities and that the object and purpose of this Agreement is to formulate and to put into effect a secondary recovery project in order to effect the greatest recovery of Unitized Substances, prevent waste and conserve natural resources. The parties hereto agree that the

Unit Operator may, subject to the consent and approval of a plan of operation by the Working Interest Owners, the Supervisor, and the Commissioner, inject into the Unitized Formation, through any well or wells completed therein, brine, water, air, gas, oil and any one or more other substances whether produced from the Unit Area or not, and that the location of input wells and the rates of injection therein and the rate of production shall be governed by standards of good geologic and petroleum engineering practices and conservation methods. After commencement of secondary operations, Unit Operator shall furnish the Commissioner and the Supervisor monthly, injection and production reports for each well in the Unit. The Working Interest Owners, the Supervisor, and the Commissioner, shall be furnished periodical reports on the progress of the plan of operation and any revisions or changes thereto; provided, however, that any major revisions of the plan of operation involving a basic deviation from the initial plan of operation shall be subject to the consent and approval of the Working Interest Owners, the Supervisor and the Commissioner.

The initial plan of operation shall be filed with the Supervisor and the Commissioner concurrently with the filing of this Unit Agreement for final approval. Said initial plan of operation and all revisions thereof shall be as complete and adequate as the Supervisor and the Commissioner may determine to be necessary for timely operation consistent herewith. Reasonable diligence shall be exercised in complying with the obligations of the approved plan of operation.

Notwithstanding anything to the contrary herein contained, the Unit Operator shall commence secondary recovery operations on the Unit Area within six (6) months after the effective date of this Agreement, or any extension thereof approved by the Commissioner and the Supervisor. After such operations are commenced, Unit Operator shall carry on such operations as would a reasonably prudent operator under the same or similar circumstances.

SECTION 12. TRACT PARTICIPATION. In Exhibit "B" attached hereto, there are listed and numbered the various tracts within the Unit Area and set forth opposite each tract is a figure which represents the Tract Participation allocated to each tract in the Unit Area calculated on 100 per cent commitment. The Tract Participation of each tract was determined as follows:

Percentage
Participation = 60% $\frac{\text{Tract Cumulative Oil Recovery to July 1, 1960}}{\text{Unit Area Cumulative Oil Recovery to July 1, 1960}}$
of Each Tract

- Plus -

$40\% \frac{\text{Tract Net Acre-Feet of Productive Zone}}{\text{Unit Area Net Acre-Feet of Productive Zone}}$

However, if the Unit Agreement is approved with less than 100 per cent commitment, said participation percentage shall be revised pursuant to Section 13 (Tracts Qualified for Unit Participation) to fit the commitment status as of the effective date hereof, and thereafter, as needed pursuant to Section 14 (Allocation of Unitized Substances).

SECTION 13. TRACTS QUALIFIED FOR UNIT PARTICIPATION. On and after the effective date hereof the tracts within the Unit Area which shall be entitled to participation in the production of Unitized Substances therefrom shall be those tracts within the Unit Area and more particularly described in said Exhibit "B" that are qualified as follows:

(a) Each and all of those tracts as to which Working Interest Owners owning 100% of the Working Interest in said tract and Royalty Owners owning 100% of the Royalty Interest in said tract have subscribed, ratified or consented to this Agreement; and,

(b) Each and all of those tracts as to which Working Interest Owners owning not less than 95% of the Working Interest therein and Royalty Owners owning not less than 75% of the Royalty Interest therein have executed this Agreement, and in which the Working Interest Owners in said tract who have executed this Agreement have agreed to indemnify and hold harmless all other parties hereto, in a manner satisfactory to 85% of the Working Interest Owners qualified under (a), against any and all claims and demands that may be made by the nonjoining Working Interest Owners or Royalty Owners, or both, on account of the commitment and joinder of such tract to the Unit Agreement, and operation thereof under such conditions on the basis herein provided, and as to which 85% of the Working Interest Owners qualified under (a), exclusive of the Working Interest Owner submitting such tract, have approved the commitment of such tract to this Unit Agreement.

If, on the effective date of this Agreement, there is any tract or tracts which have not been effectively committed to or made subject to this Agreement by qualifying as above provided, then such tract or tracts shall not be entitled to participate hereunder. Unit Operator shall, when submitting this Agreement for final approval by the Commissioner and the Director, or as soon thereafter as practicable, file a schedule of those tracts which have been committed and made subject to this Agreement and are entitled to participate in Unitized Substances. Said schedule shall set forth opposite each such committed tract the lease number or assignment number, the owner of record of the lease, and the Tract Participation of such tract which shall be computed according to the participation formula set out in Section 12 (Tract Participation) above. This schedule of participation shall be a part of Exhibit "B" and upon approval

thereof by the Commissioner and the Supervisor or the Director shall become a part of this Agreement and shall govern the allocation of production of Unitized Substances until a new schedule is so approved.

SECTION 14. ALLOCATION OF UNITIZED SUBSTANCES. All Unitized Substances produced and saved (less, save and except any part of such Unitized Substances used in conformity with good operating practices on unitized land for drilling, operating, camp, and other production or development purposes and for pressure maintenance or unavoidable loss) shall be apportioned among and allocated to the committed tracts within the Unit Area in accordance with the respective tract participation effective hereunder during the respective periods such Unitized Substances were produced, as set forth in the schedule of participation in Exhibit "B". The amount of Unitized Substances so allocated to each tract, and only that amount (regardless of whether it be more or less than the amount of the actual production of Unitized Substances from the well or wells, if any, on such tract) shall, for all intents, uses and purposes, be deemed to have been produced from such tract.

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

No tract committed to this Agreement and qualified for participation as above provided shall be subsequently excluded from participation hereunder on account of depletion of Unitized Substances, and nothing herein contained shall be construed as requiring any retroactive adjustment for production obtained prior to the effective date of the joinder of any tract.

If the Working Interest and the Royalty Interest in any tract are divided with respect to separate parcels or portions of such tract and owned severally by different persons, the Tract Participation assigned to such tract shall, in the absence of a recordable instrument executed by all owners and furnished to Unit Operator fixing the divisions of ownership, be divided among such parcels or portions in proportions to the number of surface acres in each.

The Unitized Substances allocated to each tract shall be delivered in kind to the respective Working Interest Owners and parties entitled thereto by virtue of the ownership of oil and gas rights therein. Each Working Interest Owner and the parties entitled thereto shall have the continuing right to receive such production in kind at a common point within the Unit Area and to sell or dispose of the same as it sees fit. Each such party shall have the right to construct, maintain and operate all necessary facilities for that purpose on unitized land, provided the same are so constructed, maintained and operated as not to interfere with operations carried on pursuant hereto. Subject to Section 15 (Royalty Settlement) hereof, any extra expenditure incurred by Unit Operator by reason of the delivery in kind of any portion of the Unitized Substances shall be borne by the party receiving the same in kind. In the event any party hereto shall fail to take or otherwise adequately dispose of its proportionate share of the production from the Unit Area currently as and when produced, then so long as such conditions continue, Unit Operator, for the account and at the expense of such party and in order to avoid curtailing the operations of the Unit Area, may sell or otherwise dispose of such production to itself or others on a day-to-day basis at not less than the prevailing market price in the area for like production, and the account of such party shall be charged therewith as having received such production. The net proceeds, if any, of the Unitized Substances so disposed of by Unit Operator shall be paid to the party entitled thereto.

Any party receiving in kind or separately disposing of all or any part of the Unitized Substances allocated to any tract, or receiving the proceeds therefrom if the same is sold or purchased by Unit Operator, shall be responsible for the payment of all Royalty on the lease or leases and tracts contributed by it and received into the Unit, and each such party shall hold each other party hereto harmless against all claims, demands and causes of action for such Royalty on the lease or leases and tracts contributed by it and received into the unitized land.

If, after the effective date of this Agreement, there is any tract or tracts that are subsequently committed hereto, as provided in Section 4 (Expansion) hereof, or any tract or tracts within the Unit Area not committed hereto as of the effective date hereof but which are subsequently committed hereto under the provisions of Section 30 (Nonjoinder and Subsequent Joinder), or if any tract is

excluded from the Unit Area as provided for in Section 29 (Loss of Title), the schedule of participation as shown in the current Exhibit "B", shall be revised by the Unit Operator and distributed to the Working Interest Owners, the Commissioner, the Supervisor, and the Director to show the new percentage participation of all the then effectively committed tracts; and the revised schedule, upon approval by the Commissioner and the Supervisor or the Director, shall govern all the allocation of production from and after the effective date thereof until the effective date of a new schedule so approved. In any such revision pursuant to Section 4 (Expansion) or after six months from the effective date of this Unit Agreement pursuant to Section 30 (Nonjoinder and Subsequent Joinder) the Tract Participations of all tracts participating prior to such revision shall remain in the same ratio one to the other. In any such revision pursuant to Section 29 (Loss of Title) or within six months from the effective date of this unit agreement pursuant to Section 30 (Nonjoinder and Subsequent Joinder) all Tract Participations shall be computed according to the participation formula.

SECTION 15. ROYALTY SETTLEMENT. The State of New Mexico and the United States of America and all Royalty Owners who, under existing contracts, are entitled to take in kind a share of the unitized substances produced from any tract unitized hereunder, shall continue to be entitled to such right to take in kind their share of the Unitized Substances allocated to such tract, and Unit Operator 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 Royalty due under their leases, except that such Royalty shall be computed in accordance with the terms of this Unit Agreement.

If gas obtained from lands not subject to this Agreement is introduced into the Unitized Formation, for use in repressuring, stimulation of production, or increasing ultimate recovery in conformity with a plan approved pursuant to Section 11 (Plan of Operations), a like amount of gas, less appropriate deductions for loss from any cause, may be withdrawn from the Unitized Formation, Royalty

free as to dry gas but not as to the products extracted therefrom; provided such withdrawal shall be pursuant to such conditions and formulas as may be prescribed or approved by the Supervisor and the Commissioner; and provided further that such right of withdrawal shall terminate as of the effective date of termination of the Unit Agreement.

All Royalty due the State of New Mexico and the United States of America and the other Royalty Owners hereunder shall be computed and paid on the basis of all Unitized Substances allocated to the respective tract or tracts committed hereto, in lieu of actual production from such tract or tracts.

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 the Unitized Land were a single consolidated lease.

Each Royalty Owner (other than the State of New Mexico and the United States of America) that executes this Agreement represents and warrants that it is the owner of a Royalty Interest in a tract or tracts within the Unit Area as its interest appears in Exhibit "B" attached hereto. If any Royalty Interest in a tract or tracts should be lost by title failure or otherwise in whole or in part, during the term of this Agreement, then the Royalty Interest of the party representing himself to be the owner thereof shall be reduced proportionately and the interest of all parties shall be adjusted accordingly.

SECTION 16. RENTAL SETTLEMENT. Rentals or minimum royalties due on leases committed hereto shall be paid by Working Interest Owners responsible therefor under existing contracts, laws and regulations, provided that nothing herein contained shall operate to relieve the lessees of any land from their respective lease obligations for the payment of any rental or minimum royalty in lieu thereof, due under their leases. Rental for lands of the State of New Mexico subject to this Agreement shall be paid at the rate specified in the respective leases from the State of New Mexico. Rental or minimum royalty for lands of the United States of America subject to this Agreement shall be paid at the rate specified in the respective leases from the United States of America, unless

rental or minimum royalty is waived, suspended, or reduced by law or by approval of the Secretary or his duly authorized representative.

SECTION 17. CONSERVATION. Operations hereunder and production of Unitized Substances shall be conducted to provide for the most economical and efficient recovery of said substances without waste, as defined by or pursuant to Federal and State laws and regulations.

SECTION 18. DRAINAGE. The Unit Operator shall take appropriate and adequate measures to prevent drainage of Unitized Substances from unitized land by wells on land not subject to this Agreement.

SECTION 19. LEASES AND CONTRACTS CONFORMED AND EXTENDED. The terms, conditions and provisions of all leases, subleases and other contracts relating to exploration, drilling, development or operation for oil or gas on land committed to this Agreement are hereby expressly modified and amended to the extent necessary to make the same conform to the provisions hereof, but otherwise to remain in full force and effect, and the parties hereto hereby consent that the Secretary and the Commissioner, respectively, shall and by their approval hereof, or by the approval hereof by their duly authorized representatives, do hereby establish, alter, change or revoke the drilling, producing, rental, minimum royalty and royalty requirements of Federal and State leases committed hereto and the regulations in respect thereto to conform said requirements to the provisions of this Agreement.

Without limiting the generality of the foregoing, all leases, subleases and contracts are particularly modified in accordance with the following:

(a) The development and operation of lands subject to this Agreement under the terms hereof shall be deemed full performance of all obligations for development and operation with respect to each and every part or separately owned tract subject to this Agreement, regardless of whether there is any development of any particular part of 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, producing or secondary recovery operations performed hereunder upon any tract of unitized lands shall 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 land therein embraced.

(c) Suspension of drilling or producing operations on all unitized lands pursuant to direction or consent of the Commissioner and the Supervisor or their duly authorized representatives, shall be deemed to constitute such suspension pursuant to such direction or consent as to each and every tract of unitized lands.

(d) Each lease, sublease, or contract relating to the exploration, drilling, development or operation for oil and gas 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) Termination of this Agreement shall not affect any lease which, pursuant to the terms thereof or any applicable laws, shall continue in force and effect thereafter.

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

(g) Any lease embracing lands of the State of New Mexico having only a portion of its land committed hereto, shall be segregated as to that portion committed and that not committed, and the terms of such lease shall apply separately to such segregated portions commencing as of the effective date hereof. Provided, however, that notwithstanding any of the provisions of this Agreement to the contrary, such lease shall continue in full force and effect beyond the term provided therein as to all lands embraced in such lease if oil or gas is, or has heretofore been, discovered in paying quantities on some part of the lands embraced in such lease committed to this Agreement or, so long as a portion of the Unitized Substances produced from the Unit Area is, under the terms of this Agreement, allocated to the portion of the lands covered by such lease committed to this Agreement, or, at any time during the term hereof, as to any lease that is then valid and subsisting and upon which the lessee or the Unit Operator is then engaged in bona fide drilling, reworking, or secondary recovery operations on any part of the lands embraced in such lease, then the same as to all lands embraced therein shall remain in full force and effect so long as such operations are diligently prosecuted, and if they result in the production of oil or gas, said lease shall continue in full force and effect as to all of the lands embraced therein, so long thereafter as oil or gas in paying quantities is being produced from any portion of said lands.

(h) The segregation of any Federal lease committed to this Agreement is governed by the following provision in the fourth paragraph of Sec. 17(j) of said Act of February 25, 1920, as amended by the Act of September 2, 1960 (74 Stat. 781-784): "Any (Federal) lease heretofore or hereafter committed to any such plan (unit) embracing lands that are in part within and in part outside of the area covered by any such plan shall be segregated into separate leases as to the lands committed and the lands not committed as of the effective date of unitization; provided, however, that any such lease as to the nonunitized portion shall continue in force and effect for the term thereof but for not less than two years from the date of such segregation and so long thereafter as oil or gas is produced in paying quantities."

SECTION 20. MATHEMATICAL ERRORS. It is hereby agreed by all parties to this Agreement that Unit Operator is empowered to correct any mathematical errors which might exist in the pertinent exhibits to this Agreement upon approval of the Commissioner and the Supervisor.

SECTION 21. COVENANTS RUN WITH LAND. The covenants herein shall be construed to be covenants running with the land with respect to the interest of the parties hereto and their successors in interest until this Agreement terminates, and any grant, transfer or conveyance of interest in land or leases subject hereto shall be and hereby is conditioned upon the assumption of all privileges and obligations hereunder by the grantee, transferee or other successor in interest. No assignment or transfer of any Working Interest subject hereto shall be binding upon Unit Operator until the first day of the calendar month after Unit Operator is furnished with the original, or acceptable

photostatic or certified copy, of the recorded instrument of transfer; and no assignment or transfer of any Royalty Interest subject hereto shall be binding upon the Working Interest Owner responsible therefor until the first day of the calendar month after said Working Interest Owner is furnished with the original, or acceptable photostatic or certified copy, of the recorded instrument of transfer.

SECTION 22. EFFECTIVE DATE AND TERM. This Agreement shall become binding upon each party who executes or ratifies it as of the date of execution or ratification by such party and shall become effective as of 7:00 a.m. of the first day of the month next following:

(a) The execution or ratification of this Agreement and the Unit Operating Agreement by Working Interest Owners owning a combined unit participation of at least 95 per cent, and the execution or ratification of this Agreement by Royalty Owners owning a combined interest of at least 75 per cent of the Royalty Interest, in said Unit Area; and,

(b) The approval of this Agreement by the Commissioner, the Secretary or his duly authorized representatives, and the Commission; and,

(c) The filing of at least one counterpart of this Agreement for record in the office of the County Clerk of Eddy County, New Mexico, by the Unit Operator and provided, further, that if (a), (b) and (c) above are not accomplished on or before June 1, 1963, this Agreement shall ipso facto expire on said date (hereinafter called "expiration date") and thereafter be of no further force or effect, unless prior thereto this Agreement has been executed or ratified by Working Interest Owners owning a combined unit participation of at least ninety per cent (90%) committed to this Agreement have decided to extend said expiration date for a period not to exceed six (6) months (hereinafter called "extended expiration date"). If said expiration date is so extended and (a), (b) and (c) are not accomplished on or before said extended expiration date, this Agreement shall ipso facto expire on said extended expiration date and thereafter be of no further force or effect. For the purpose of this Section, ownership shall be computed on the basis of unit participation as determined from Exhibit "C" attached to the Unit Operating Agreement.

(d) Unit Operator shall, within thirty (30) days after the effective date of this Agreement, file for record in the offices where a counterpart of this Agreement is recorded, a certificate to the effect that this Agreement has become effective according to its terms and stating further the effective date.

The term of this Agreement shall be for and during the time that Unitized Substances are produced in paying quantities from the Unit Area and as long thereafter as drilling, reworking or other operations (including secondary recovery operations) are prosecuted thereon without cessation of more than ninety (90) consecutive days, unless sooner terminated by Working Interest Owners in the manner hereinafter provided.

This Agreement may be terminated with the approval of the Commissioner and the Director by Working Interest Owners owning ninety per cent (90%) of unit participation whenever such Working Interest Owners determine that Unit operations are no longer profitable, feasible, or in the interest of conservation. Notice

of any such termination shall be given by Unit Operator to all parties hereto.

Upon termination of this Agreement, the further development and operations of the Unit Area as a Unit shall be abandoned, Unit operations shall cease, and thereafter the parties hereto shall be governed by the terms and provisions of the leases and contracts affecting the separate tracts.

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

SECTION 23. RATE OF PROSPECTING, DEVELOPMENT AND PRODUCTION. All production and the disposal thereof shall be in conformity with allocations and quotas made or fixed by any duly authorized person or regulatory body under any Federal or State statute. The Director is hereby vested with authority to alter or modify from time to time, in his discretion, the rate of prospecting and development and within the limits made or fixed by the 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 fifteen days from notice.

SECTION 24. NONDISCRIMINATION. In connection with the performance of work under this agreement, the operator agrees to comply with all of the provisions of Section 301(1) to (7) inclusive, of Executive Order 10925 (26 F.R. 1977), which are hereby incorporated by reference in this agreement.

SECTION 25. APPEARANCES. Unit Operator shall have the right to appear for or on behalf of any and all interests affected hereby before the Commissioner, the Department, and the Commission, and to appeal from any order issued under

the rules and regulations of the Commissioner, the Department, or the Commission, or to apply for relief from any of said rules and regulations or in any proceedings relative to operations before the Commissioner, the Department, or the Commission, or any other legally constituted authority; provided, however, that any other interested party shall also have the right at his or its own expense to be heard in any such proceeding.

SECTION 26. NOTICES. All notices, demands, objections or statements required hereunder to be given or rendered to the parties hereto shall be deemed fully given if made in writing and personally delivered to the party or parties or sent by postpaid certified mail, addressed to such party or parties at their respective addresses set forth in connection with the signatures hereto or to the ratification or consent hereof or to such other address as any such party or parties may have furnished in writing to the party sending the notice, demand or statement.

SECTION 27. NO WAIVER OF CERTAIN RIGHTS. Nothing in this Agreement contained shall be construed as a waiver by any party hereto of the right to assert any legal or constitutional right or defense as to the validity or invalidity of any law of the State wherein said unitized lands are located, or rules 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.

SECTION 28. UNAVOIDABLE DELAY. All obligations under this Agreement requiring the Unit Operator to commence or continue secondary recovery operations or to operate on or produce Unitized Substances from any of the lands covered by this Agreement shall be suspended while, but only so long as the Unit Operator despite the exercise of due care and diligence, is prevented from complying with such obligations, in whole or in part, by strikes, acts of God, Federal, State or municipal law or agency, unavoidable accident, uncontrollable delays in transportation, inability to obtain necessary materials in open market, or other matters beyond the reasonable control of the Unit Operator whether similar to matters herein enumerated or not.

SECTION 29. LOSS OF TITLE. In the event title to any tract of unitized land shall fail so as to render the tract inoperable under this Agreement and the true owner cannot be induced to join this Unit Agreement, such tract shall be automatically regarded as not committed hereto and there shall be such readjustment of future costs and benefits as may be required on account of the loss of such title. In the event of a dispute as to title as to any Royalty, Working Interest

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

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

SECTION 30. NONJOINDER AND SUBSEQUENT JOINDER. If the owner of any substantial interest in a tract within the Unit Area fails or refuses to subscribe, ratify, or consent in writing to this Agreement, the Working Interest Owner in that tract who has executed or ratified this Agreement may withdraw said tract from this Agreement by written notice to the Director, the Commissioner, and Unit Operator prior to the effective date of this Agreement. Joinder by any Royalty Owner, at any time, must be accompanied by appropriate joinder of the corresponding Working Interest Owner in order for the interest of such Royalty Owner to be regarded as effectively committed. Joinder to the Unit Agreement by a Working Interest Owner, at any time, must be accompanied by appropriate joinder to the Unit Operating Agreement in order for such interest to be regarded as effectively committed to this Unit Agreement.

Any oil or gas interest in the Premier sand not committed hereto prior to submission of this Agreement to the Commissioner and the Director for final approval may thereafter be committed hereto upon compliance with the applicable provisions of this Section and of Section 13 (Tracts Qualified for Unit Participation) hereof, at any time up to the effective date hereof and for a period to and including six (6) months thereafter, on the same basis of participation as provided in said Section 13, by the owner or owners thereof subscribing, ratifying, or consenting in writing to this Agreement and, if the interest is a Working Interest, by the owner of such interest subscribing also to the Unit Operating Agreement.

It is understood and agreed, however, that from and after six (6) months from the effective date hereof the right of subsequent joinder as provided in this Section shall be subject to such requirements or approvals and on such

basis as may be agreed upon by ninety per cent (90%) of the Working Interest Owners. Such joinder by a proposed Working Interest Owner must be evidenced by his execution or ratification of this Agreement and the Unit Operating Agreement. Such joinder by a proposed Royalty Owner must be evidenced by his execution, ratification or consent of this Agreement and must be consented to in writing by the Working Interest Owner responsible for the payment of any benefits that may accrue hereunder in behalf of such proposed Royalty Owner. Except as may be otherwise herein provided, subsequent joinder to this Agreement shall be effective at 7:00 a.m. as of the first day of the month following the filing with the Commissioner and the Supervisor of duly executed counterparts of any and all documents necessary to establish effective commitment of any tract or interest to this Agreement, unless objection to such joinder by the Commissioner or the Director is duly made within sixty (60) days after such filing.

SECTION 31. COUNTERPARTS. This Agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties and may be ratified or consented to by separate instrument in writing specifically referring hereto, and shall be binding upon all those parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document, and regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands within the above described Unit Area.

SECTION 32. TAXES. Each party hereto shall, for its own account, render and pay its share of any taxes levied against or measured by the amount or value of the Unitized Substances produced from the unitized land; provided, however, that if it is required or if it be determined that the Unit Operator or the several Working Interest Owners must pay or advance said taxes for the account of the parties hereto, it is hereby expressly agreed that the parties so paying or advancing said taxes shall be reimbursed therefor by the parties hereto, including Royalty Owners, who may be responsible for the taxes on their respective allocated share of said Unitized Substances. No such taxes shall be charged to the United States or to the State of New Mexico, nor to any lessor who has a contract with a lessee which requires his lessee to pay such taxes.

SECTION 33. CONFLICT OF SUPERVISION. Neither the Unit Operator nor the Working Interest Owners, nor any of them, shall be subject to any forfeiture, termination or expiration of any rights hereunder or under any leases or contracts subject hereto, or to any penalty or liability on account of delay or failure in whole or in part to comply with any applicable provisions thereof to the extent that the said Unit Operator or the Working Interest Owners, or any of them, are hindered, delayed or prevented from complying therewith by reason of failure of the Unit Operator to obtain, in the exercise of due diligence, the concurrence of proper representatives of the United States and proper representatives of the State of New Mexico in and about any matters or things concerning which it is required herein that such concurrence be obtained. The parties hereto, including the Commission, agree that all powers and authority vested in the Commission in and by any provisions of this Agreement are vested in the Commission and shall be exercised by it pursuant to the provisions of the laws of the State of New Mexico and subject in any case to appeal or judicial review as may now or hereafter be provided by the laws of the State of New Mexico.

SECTION 34. LIMITATION OF APPROVALS. Notwithstanding anything herein contained to the contrary, if no Federal lands are committed to this Agreement, then no consents or approvals provided herein shall be required of the Department, the Secretary, the Director, or the Supervisor, and it shall not be necessary to file any instrument hereunder with said officers or agencies unless and until Federal lands are so committed to this Agreement; likewise, if no State lands are committed to this Agreement, then no consents or approvals provided herein shall be required of the Commissioner, and it shall not be necessary to file any instrument hereunder with said officer unless and until State lands are so committed to this Agreement; likewise, if no fee lands are committed to this Agreement, then no consents or approvals provided herein shall be required of the Commission, and it shall not be necessary to file any instrument hereunder with said office unless and until fee lands are so committed to this Agreement.

SECTION 35. BORDER AGREEMENTS. Subject to the approval of the Supervisor and the Commissioner, the unit operator, with concurrence of 65 per cent of the Working Interest Owners may enter into a border-protection agreement or agreements with the working interest owners of adjacent lands along the exterior boundary of the unit area with respect to the operations in the border area for the maximum ultimate recovery, conservation purposes and proper protection of the parties and interests.

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

ATTEST:

AMBASSADOR OIL CORPORATION

By *John Fallwell Jr*
Secretary
Date: 8/24/62

By *Samuel M. Smith*
Vice President
UNIT OPERATOR AND WORKING INTEREST OWNER

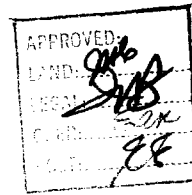


EXHIBIT "B"

GRAYBURG-JACKSON UNIT

Eddy County, New Mexico

<u>TRACT NO.</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>SERIAL NO. & LEASE DATE</u>	<u>BASIC ROYALTY</u>	<u>LESSEE OF RECORD</u>	<u>OVERRIDING ROYALTY OWNER AND AMOUNT</u>	<u>WORKING INTEREST OWNER AND AMOUNT</u>	<u>PER CENT PARTICIPATION OF TRACT IN UNIT</u>
	<u>T-17-S, R-30-E</u>		<u>Federal</u>					
1	NE/4 SW/4, Sec. 23	40	LC-029020(h) Dated 11-1-61	12-1/2%- 33-1/3% "D"	Ambassador	None	Ambassador - 100%	2.516453
2	SW/4 NW/4, Sec. 23, NW/4 SW/4, Sec. 26	80	LC-060528(e) Dated 10-1-42	12-1/2%- 33-1/3% "D"	General American	None	General - 100% American	4.400026
3	NW/4 SW/4, Sec. 23	40	LC-029020(b) Dated 1-1-58	12-1/2%- 33-1/3% "D"	Sinclair	None	Sinclair - 100%	2.653758
4	N/2 SE/4 & NE/4 SW/4, Sec. 22	120	LC-029020(g) Dated 5-1-60	12-1/2%- 25% "C"	Graridge Corp.	May Taylor Parke Helen Starke Morgan Augusta Catlett Kirby Production Co. J. S. Ward Mary Alice Woolley Nora H. Maris	Graridge - 1/2 B. N. Honea - 1/8 J. F. West - 1/16 J. H. West - 1/16 Vivian S. Fisk - 1/8 R. C. Turner - 1/8	1.829619
5	S/2 SW/4, Sec. 22	80	LC-028992(j) Dated 11-1-61	12-1/2%- 33-1/3% "D"	Franklin, Aston & Fair, Inc.	Mrs. J. D. Atwood Ross L. Malone, Jr. Mrs. L. R. Brigham Anne M. Keenan Frank D. Mitchell Leila B. Phares' heirs or devisees Clara M. Rhodes	Franklin, Aston & Fair, Inc. - 100% (to 5,000 ft.)	0.675840

EXHIBIT "B" (Contd.)

<u>TRACT NO.</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>SERIAL NO. & LEASE DATE</u>	<u>BASIC ROYALTY</u>	<u>LESSEE OF RECORD</u>	<u>OVERRIDING ROYALTY OWNER AND AMOUNT</u>	<u>WORKING INTEREST OWNER AND AMOUNT</u>	<u>PER CENT PARTICIPATION OF TRACT IN UNIT</u>
5-A	E/2 SW/4, Sec. 26	80	LC-028992(j)	12-1/2%-33-1/3% "D"	Franklin Aston & Fair, Inc. - 100% (to 5,000 ft.)	Mrs. J. D. Atwood - .0273437 Ross L. Malone, Jr. - .0273438 Mrs. L. R. Brigham - .0202344 Anne M. Keenan - .0054687 Frank D. Mitchell - .0054688 Leila B. Phares' heirs or devisees - .0016406 Clara M. Rhodes - .0218750	Franklin, Aston & Fair, Inc. - 100%	2.097063
6	SW/4 SE/4 Sec. 22, W/2 NE/4 Sec. 27	120	LC-028992(b)	12-1/2%-33-1/3% "D"	Ambassador	None	Ambassador - 100%	9.637259
6-A	SW/4 SW/4, Sec. 26	40	LC-028992(b) Dated 3-1-59	12-1/2%-33-1/3% "D"	Ambassador	None	Ambassador - 100%	0.579280
7	SE/4 SE/4, Sec. 22, S/2 SW/4, Sec. 23	120	LC-028992(a) Dated 7-1-61	12-1/2%-25% "C"	Ambassador	Jane C. Austin Ora Blaine Blietz, Executrix Mattie Mae Gissler Ralph R. Gissler Higgins Trust, Inc. Elsie G. Kissinger Leah F. McDonald Minnie P. Shofstall Laura K. Stillwell Wilbur K. Stillwell T. E. Vandagriff, Ancillary Administrator Margaret T. Clowe	Ambassador - 100%	11.810761
7-A	S/2 NE/4, Sec. 26	80	LC-028992(a) Dated 7-1-61	12-1/2%-25% "C"	Ambassador	Jane C. Austin Ora Blaine Blietz, Executrix Mattie Mae Gissler Ralph R. Gissler Higgins Trust, Inc. Elsie G. Kissinger	Ambassador - 100%	8.697665

EXHIBIT "B" (Contd.)

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	SERIAL NO. & LEASE DATE	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
7-B	NE/4 SE/4, Sec. 27	40	LC-028992(a) Dated 7-1-61	12-1/2%- 25% "C"	Ambassador	Leah F. McDonald - .0062500 Minnie P. Shofstall - .0046875 Laura K. Stillwell - .0087890 Wilbur K. Stillwell - .0052734 T. E. Vandagriff, Ancillary Administrator - .0050000 Margaret T. Clowe - .0100000 Jane C. Austin - .0187500 Ora Blaine Blietz, Executrix - .0012500 Mattie Mae Gissler - .0016667 Ralph R. Gissler - .0016667 Higgins Trust, Inc. - .0100000 Elsie G. Kissinger - .0016667 Leah F. McDonald - .0062500 Minnie P. Shofstall - .0046875 Laura K. Stillwell - .0087890 Wilbur K. Stillwell - .0052734 T. E. Vandagriff, Ancillary Administrator - .0050000 Margaret T. Clowe - .0100000	Ambassador - 100%	3.038461
8	S/2 SE/4, Sec. 23	80	LC-028992(e) Dated 2-1-52	12-1/2%- 25% "C"	General American	Jane C. Austin - .0187500 Ora Blaine Blietz, Executrix - .0012500 Mattie Mae Gissler - .0016667 Ralph R. Gissler - .0016667 Higgins Trust, Inc. - .0100000 Elsie G. Kissinger - .0016667 Leah F. McDonald - .0062500 Minnie P. Shofstall - .0046875 Laura K. Stillwell - .0087890 Wilbur K. Stillwell - .0052734 T. E. Vandagriff, Ancillary Administrator - .0050000 Margaret T. Clowe - .0100000	General American - 100%	7.022826

EXHIBIT "B" (Contd.)

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	SERIAL NO. & LEASE DATE	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
9	N/2 NE/4, Sec. 26	80	LC-028992-C Dated 11-1-61	12-1/2%-25% "C"	General American	Jane C. Austin Ora Blaine Blietz, Executrix Mattie Mae Gissler Ralph R. Gissler Higgins Trust, Inc. Elsie G. Kissinger Leah F. McDonald Minnie P. Shofstall Laura K. Stillwell Wilbur K. Stillwell T. E. Vandagriff, Ancillary Administrator Margaret T. Clowe	General American 	

EXHIBIT "B" (Contd.)

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	SERIAL NO. & LEASE DATE	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
12	S/2 NW/4 Sec. 26	80	LC-028992(i) Dated 11-1-61	12-1/2%- 25% "C"	Franklin, Aston & Fair, Inc.	Jane C. Austin - .0187500 Ora Blaine Blietz, Executrix - .0012500 Mattie Mae Gissler - .0016667 Ralph R. Gissler - .0016667 Higgins Trust, Inc. - .0100000 Elsie G. Kissinger - .0016667 Leah F. McDonald - .0062500 Minnie P. Shofstall - .0046875 Laura K. Stillwell - .0087890 Wilbur K. Stillwell - .0052734 T. E. Vandagriff, Ancillary Administrator - .0050000 Margaret T. Clowe - .0100000 Mrs. J. D. Atwood - .0273437 Ross L. Malone, Jr. - .0273438 Mrs. L. R. Brigham - .0202344 Anne M. Keenan - .0054687 Frank D. Mitchell - .0054688 Heirs or devisees of Leila B. Phares - .0016406 Clare M. Rhodes - .0218750	Franklin, Aston & Fair, Inc. - 100% to a depth of 5,000'	4.434986
13	SW/4 Sec. 25 SE/4 Sec. 26	320	LC-030570(b) Dated 9-1-57	12-1/2%- 33-1/3% "D"	Bert Aston - 1/2 Fair Oil - 1/3 R. W. Fair - 1/6	Zelma G. Farney - .0100000 Maxine S. Harris - .0050000 Patricia S. Rigg - .0025000 McCoy & Steven - .0025000 J. B. Bockman - .0100000 Ruth Hatch - 1/24 PP	Bert Aston - .5000 Fair Oil Co. - .3333 R. W. Fair - .1667	14.727736
					17 Federal Tracts	1560 Acres	37 Wells	

<u>Totals</u>		
17 Federal Tracts	1,560 Acres	97.5% of Unit Area
1 State of New Mexico Tract	40 Acres	2.5% of Unit Area
	1,600 Acres	100.0% of Unit Area

GRAYBURG-JACKSON UNIT -- EDDY COUNTY, NEW MEXICO

EXHIBIT "B" (Contd.)

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	SERIAL NO. & LEASE DATE	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
	T-17-S, R-30-E		State					
14	NW/4 NW/4, Sec. 36	40	B-2130 Dated 9-11-33	12-1/2%	Carper Drilling Co.	Ralph A. Shugart - 5%	Carper Drilling Co. - 100%	1.946327
1 State Tract							40 Acres	1 Well

SCHEDULE A
 OLD WELL AND NEW WELL NUMBER CORRELATOR
 GRAYBURG JACKSON UNIT (R2323)
 EDDY COUNTY, NEW MEXICO

MAIN OFFICE 000

1953 APR 1 AM 8:45

LOCATION	FORMER LEASE OWNER AND NAME, AND WELL No.	UNIT WELL No.
NE/4 SW/4 SEC. 23 UNIT K	AMBASSADOR OIL CORPORATION	GRAYBURG JACKSON UNIT (R2323)
SW/4 SE/4 SEC. 22 UNIT O	" " " "	" " " "
SW/4 NE/4 SEC. 27 UNIT G	" " " "	" " " "
NW/4 NE/4 SEC. 27 UNIT B	" " " "	" " " "
NW/4 NE/4 SEC. 27 UNIT B	" " " "	" " " "
SW/4 NE/4 SEC. 27 UNIT G	" " " "	" " " "
SW/4 SW/4 SEC. 26 UNIT M	" " " "	" " " "
SW/4 SW/4 SEC. 23 UNIT M	" " " "	" " " "
SE/4 SE/4 SEC. 22 UNIT P	" " " "	" " " "
SE/4 SW/4 SEC. 23 UNIT N	" " " "	" " " "
SW/4 SW/4 SEC. 23 UNIT M	" " " "	" " " "
SE/4 SE/4 SEC. 22 UNIT P	" " " "	" " " "
SW/4 SE/4 SEC. 22 UNIT G	" " " "	" " " "
SE/4 NE/4 SEC. 26 UNIT H	" " " "	" " " "
SW/4 NE/4 SEC. 26 UNIT G	" " " "	" " " "
SE/4 NE/4 SEC. 26 UNIT G	" " " "	" " " "
SW/4 NE/4 SEC. 26 UNIT G	" " " "	" " " "
NE/4 SE/4 SEC. 26 UNIT I	" " " "	" " " "
NE/4 SE/4 SEC. 27 UNIT I	" " " "	" " " "
NE/4 SE/4 SEC. 27 UNIT I	" " " "	" " " "
NW/4 SEC. 36 UNIT D	CARPER DRILLING CO.	SHUGART STATE 1
SE/4 SW/4 SEC. 22 UNIT N	FRANKLIN, ASTON & FAIR	" " " "
NE/4 SW/4 SEC. 26 UNIT K	" " " "	" " " "
SE/4 NW/4 SEC. 26 UNIT F	" " " "	" " " "
SW/4 NW/4 SEC. 26 UNIT E	" " " "	" " " "
NW/4 SE/4 SEC. 26 UNIT J	" " " "	" " " "
NE/4 SE/4 SEC. 26 UNIT I	" " " "	" " " "
SW/4 SE/4 SEC. 26 UNIT O	" " " "	" " " "
SE/4 SE/4 SEC. 26 UNIT P	" " " "	" " " "
NE/4 SW/4 SEC. 25 UNIT K	" " " "	" " " "
NW/4 SW/4 SEC. 25 UNIT L	" " " "	" " " "
SW/4 SW/4 SEC. 25 UNIT M	" " " "	" " " "
SW/4 SW/4 SEC. 25 UNIT N	" " " "	" " " "
SE/4 SW/4 SEC. 22 UNIT N	FRANKLIN, ASTON & FAIR	" " " "
NE/4 SW/4 SEC. 26 UNIT K	" " " "	" " " "
SE/4 NW/4 SEC. 26 UNIT F	" " " "	" " " "
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NW/4 SE/4 SEC. 26 UNIT J	" " " "	" " " "
NE/4 SE/4 SEC. 26 UNIT I	" " " "	" " " "
SW/4 SE/4 SEC. 26 UNIT O	" " " "	" " " "
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NE/4 SW/4 SEC. 25 UNIT K	" " " "	" " " "
NW/4 SW/4 SEC. 25 UNIT L	" " " "	" " " "
SW/4 SW/4 SEC. 25 UNIT M	" " " "	" " " "
SW/4 SW/4 SEC. 25 UNIT N	" " " "	" " " "

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 5A-1
 12-1
 12-2
 13-1
 13-2
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 13-6
 13-7
 13-8

LOCATION	FORMER LEASE OWNER AND NAME, AND WELL No.		UNIT WELL No.	
NW/4 SW/4 Sec. 26 UNIT L	GENERAL AMERICAN OIL COMPANY OF TEXAS		MADDREN B-8	GRAYBURG-JACKSON UNIT
NW/4 SW/4 Sec. 23 UNIT L	"		MADDREN B-10	"
SE/4 SE/4 Sec. 23 UNIT P	"		ARNOLD E-1	"
SW/4 SE/4 Sec. 23 UNIT O	"		ARNOLD E-2	"
NW/4 NE/4 Sec. 26 UNIT B	"		ARNOLD C-1	"
NE/4 NE/4 Sec. 26 UNIT A	"		ARNOLD C-2	"
NE/4 SE/4 Sec. 22 UNIT I	GRARRIDGE CORPORATION		DEXTER A-1	GRAYBURG-JACKSON UNIT
NE/4 NW/4 Sec. 26 UNIT C	T. B. KNOX ESTATE, ET AL		I. CLOWE 1	GRAYBURG-JACKSON UNIT
NW/4 NW/4 Sec. 26 UNIT D	"		I. CLOWE 2	"
NE/4 NE/4 Sec. 27 UNIT A	SIVLEY & CARPER		SERGEANT 2	GRAYBURG-JACKSON UNIT
SE/4 NE/4 Sec. 27 UNIT H	"		SERGEANT 3	"

ALL WELLS IN TOWNSHIP 17 SOUTH RANGE 37 EAST

GRAYBURG-JACKSON UNIT
EDDY COUNTY, NEW MEXICO

WELL COMPLETION DATA FROM ARTESIA
NEW MEXICO O&G COMMISSION
OFFICE

CARPER

SERGEANT No. 1 - 1980 FNL & 660' FEL 27-17-30 ELEV. 3637'
CABLE TOOL - COMP. MAY 31, 1942
T.D. 3233', I.P. BOPD
8 5/8" 28# CSG. 624' W/50 SXS.
7" 20# CSG. 3075' W/100 SXS.
OIL ZONE 3193'-3214' - 21'
SHOT W/100 3188-3224 - (36)'
OIL RAISED 800' IN HOLE BEFORE SHOT
PLUGG AND ABANDONED 9-1-50
PROD. @ ABD. - 2 BOPD
3233-304 FILLED W/MUD 3047' SET CEMENT AND PLUG
PULLED 7" CASING - HEAVY MUD TO BASE SALT. 1315'
SET CEMENT PLUG 1315' - HEAVY MUD TO 624' & CEMENT PLUG
PULLED 8 5/8" - HEAVY MUD TO SURFACE - 4" MARKER IN CEMENT

CARPER

SERGEANT No. 2 660 FNL & 660' FEL 27-17-30 ELEV. 3641'
CABLE TOOL DRLG. COMP. 1-21-43
T. D. 3194' I.P. 235 BOPD
8" CSG. 490' W/50 SXS.
7" CSG. 3001' W/100 SXS.
OIL ZONE 3148-3158' - 10
3175-3188' 13
DEEPENDED 4-20-45 MAKING 21 BOPD
FROM 3194'-3300'
OIL PAY 3198'-3208' 10
P.B.T.D. 3213 - SHOT W/440. 3470-3213 43'
PROD. INCREASED FROM 20 BOPD TO 150 BOPD
JUNE 4, 1954
SAND OIL FRACED DOWN 2 7/8" UNDER PACKER W/15000 GALS.
LSE. CRUDE AND 15000# SD. BREAKDOWN 2900-2600 PSI
TUB. PRESSURE 2600 PSI @ 10 BPM
WELL HAD BEEN MAKING 10 BOPD

CARPER

SERGEANT No. 3 - 1650' FNL AND 330' FEL -27-17-30 ELEV. 3624'
CABLE TOOL DRLG. COMP. JULY 17, 1945 T.D. 2038' T.A.
8 5/8" CSG. 600' W/50 SXS.
DEEPENED JUNE 1958 TOP QUEEN 2397 TOP S.A. 3248
5 1/2" 14# @ 3378' W/200 SXS. T.D. 3386' PERF. 3180-88' 8'
SAND OIL FRACED W/20,000 GAL. + 20,000# SD.
SHOW OIL DRILLER'S LOG 3170-81 (11) LOG AVAILABLE (GR-N)

BEFORE EXAMINER UTZ	
OIL CONSERVATION COMMISSION	
EXHIBIT NO. <u>5</u>	
CASE NO. <u>2635</u>	

CARPER

SHUGART - STATE No. 1 660' FNL AND 660' FW 36-17-30
 CABLE TOOL DRLG. COMP. 8-14-43 ELEV. 3568' T.D. 3334'
 I.P. 150 BOPD
 8 5/8 24# CSG. 582' W/50 SXS.
 7" 20# 2997' W/50 SXS.
 OIL ZONE 3115'-3123 8'
 3320' - 3334' 14
 SHOT W/70 QTS. 3316-3334 (18') 50 BOPD BEFORE SHOT

FRANKLIN-ASTON

STEVENS - 2-B NE SE 26-17-30
 CABLE TOOL DRLG. COMP. 5-18-43 ELEV. 3619'
 8 5/8" CSG. @ 576' W/50 SXS.
 7" 3250' W/50 SXS.
 OIL ZONE 3260-3280' 20' WATER 373-380
 SHOT W/50 QTS. I.P. 76 BOPD (4 HR. TEST) 3268-80 (12)

FRANKLIN ASTON & FAIR

STEVENS 3-B NW SE 26-17-30 ELEV. 3641
 CABLE TOOL DRLG. COMP. 10-30-44
 8 5/8 @ 581' W/50 SXS.
 5 1/2" @ 3001' W/50 SXS.
 OIL ZONE 3206-3288 (82' SHOT) 160 QTS.
 OIL 3280--3284 4'

FRANKLIN, ASTON & FAIR

STEVENS 4-B NE SW 26-17-30 ELEV. 3480
 CABLE TOOL DRLG. COMP. 12-15-44 T.D. 3695 (WATER)
 OIL ZONE 3260-3265 5"
 3552-3600 (OIL & GAS)
 T.A. NOT PLUGGED 12-31-44

FRANKLIN, ASTON & FAIR

STEVENS 5-B NW SW 25-17-30 ELEV.
 CABLE TOOL DRLG. COMP. 1-17-44
 8 5/8" 24# CSG. @ 600' W/50 SXS.
 7" 20# CSG. @ 3115/50 SXS.
 I.P. 250 BOPD
 OIL 3035-3040 ' 5' (OIL & GAS)
 3250-3260 10' OIL SHOT

FRANKLIN, ASTON & FAIR

STEVENS 6-B NE SW 25-17-30
 CABLE TOOLCOMP. 3-20-44
 8 5/8 @ 581 W/50 SXS.
 5 1/2" @ 3167' W/100 SXS.
 OIL ZONE 3272'-3282 10'
 SHOT 140 QTS. 3235-3290 (55')

FRANKLIN, ASTON & FAIR

STEVENS 7-B SW SW 25-17-30 ELEV. 3490'
 CABLE TOOL COMPLETION DATE
 8 5/8 @ 591 W/50 SXS.
 7" @ 3134' W/50 SXS.
 I.F.P. 250 BOPD
 SHOT 65 QTS. 3288-3311 (23')
 OIL ZONE 3295-3305 12'

FRANKLIN, ASTON & FAIR

STEVENS 8-B SE SW 25-17-30
 CABLE TOOL COMP. 9-1-44 ELEV. 3504'
 8 5/8 @ 586' W/50 SXS.
 5 1/2 @ 2954 W/100 SXS. T.D. 3346
 OIL ZONE 3335-3346 11'
 I.P.P. 25 BU & 24 BW/D

GRARIDGE CORPORATION

DEXTER FED. NO. 1 NE SE 22-17-30
 CABLE TOOL DRLG. COMPLETION 7-13-43
 8 5/8" @ 460' W/50 SXS.
 7" @ 2750' W/100 SXS.
 T.D. 3099'
 ZONES SALT 440-1160
 SEVEN RIVER 1901
 QUEEN 2300
 PREMIER 2700'
 1901-1910 9' OIL
 3074-3085 11' OIL SHOT 100 QT. 3065 - 3090 (25')
 I.P. FLOW 77 BOPD (12 HRS.)
 FRACED 3-1-60

GENERAL AMERICAN OIL

B-10 SW NW 23-17-30
 ZONES 1 - 1473-86 13' WATER ZONES 303-13 10'
 2 1820-33 13' 329-44 15'
 3 1847-66 19' 8 5/8 468' W/50 SXS.
 4 2505-23 18' 7" 2942' W/50 SXS.
 5 3003-10 7'

GENERAL AMERICAN OIL

ARNOLD E-1 SE SE 23-17-30 10' @ 520' 25 SXS. W/BAILER
 ZONE 3150-85 35' 8 5/8 @ 1259' 25 SXS. W/BAILER
 SHOT 180 QTS. 3150-85 4-12-30
 (3040-50 10' OIL & GAS)
 E-2 1940-55 OIL & GAS SW SE 23-17-30
 3036-3150 (104') OIL 190 QTS.

AMBASSADOR FED D-1 1980 SNL & 660' FEL 27-17-30

CABLE TOOL COMP. 9-14-41

8 5/8 @ 663' W/50 SXS. & MUD TO TOP.

7" @ 3112 W/100 SXS.

ZONES 1980' -85 5' OIL SHOW WATER 440-45 5'

2074-80 6'

3000 - 03 3'

3211-15 4' OIL & GAS

SHOT 100 QTS. 9-15-41 3206-3227' IP.F. 125 BOPD

FORM TOPS. ANHYDRITE 1235

SALT 470-1235

R. SD. 2450'-2480 30'

FRACED 3-12-54 8000 GALS. & 120 SXS. 5 BOPD INCREASED GAS.

AMBASSADOR OIL CORP.

FEDERAL B-3 660' FSL & 1830 FWL 23-17-30

CABLE TOOL COMP. 10-19-47

8 5/8 @ 505' W/50 SXS. SHOT 250 QTS. 3125-95 70' 10-21-47

7" @ 3056 W/100 SXS.

ZONE 3125-3195 SHOT

3174-83 9' OIL

3183-86 3' OIL & GAS

(3177-86' BEST OIL) 9'

AMBASSADOR OIL CORP.

FEDERAL D-2 CORED 3219-3227 (8') 4-18-57(LANE WELLS LOG)

PERF. 3216-24 W/4 HOLES/FT.

TREATED 11,000# SD. & 10,000 GALS. OIL 5-22-57 (17 BO 24 HRS.)

FEDERAL C-1

1980' FNL AND 1980 FEL 26-17-30 ELEV. 3635'

CABLE TOOL COMP. 12-1-42

8 5/8 530' W/50 7" @ 3015 W/ 100 SXS. T.D. 3300

SHOT 150 QTS. 3216-77' (61') ZONES (3216-22 6') PROBABLY BEST

3222-32 PAY

3232-47 15'

3247-57 10'

3257-67 10'

3267-77 10'

FLOWED 145 BOPD THRU 7" FOR 5 DAYS.

FRACED 1-25-55 10,000 GALS. OIL & 15,000# SAND 3248-58 10'
INCREASE FROM 5 TO 35 BOPD

R 30 E

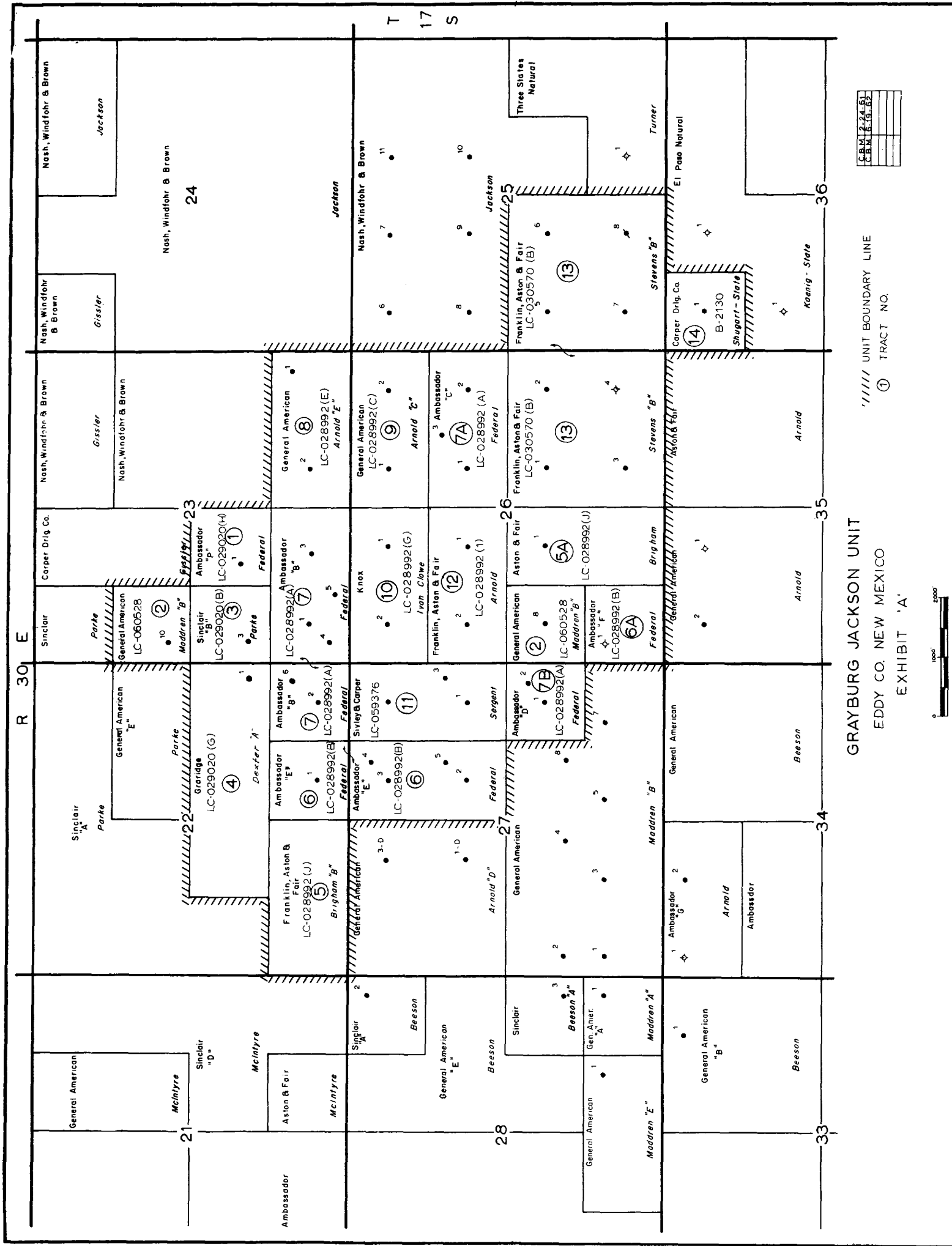
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GRAYBURG JACKSON UNIT
EDDY CO. NEW MEXICO
EXHIBIT 'A'

UNIT BOUNDARY LINE
① TRACT NO.

CBM 2-24-61
CBM 8-19-62

0 1000' 2000'



PROPOSED PLAN OF WATERFLOOD OPERATIONS

FOR

GRAYBURG-JACKSON FIELD
EDDY COUNTY, NEW MEXICO

SUBMITTED BY:

AMBASSADOR OIL CORPORATION

OCTOBER 22, 1961

BEFORE EXAMINER UTZ	
OIL CONSERVATION COMMISSION	
<i>Appl.</i>	EXHIBIT NO. <u>3</u>
CASE NO.	<u>2634</u>

TABLE OF CONTENTS

PROPOSED PLAN OF WATERFLOOD OPERATIONS .

	PAGE No.
I. HISTORY	1
II. GEOLOGY	1, 2
III. ROCK AND FLUID CHARACTERISTICS	2
IV. PRIMARY RECOVERY AND PREDICTED SECONDARY RECOVERY	2
V. UNIT PARTICIPATION FORMULA	2, 3, 4
VI. UNIT AREA DESIGNATION	4
VII. UNDEVELOPED TRACTS	4
VIII. WATER SOURCE	4
IX. WATER STATION AND INJECTION SYSTEM	4
X. PRODUCTION EQUIPMENT	

ATTACHMENTS

EXHIBIT A	PLAT OF UNIT AREA WITH EACH LEASE IDENTIFIED BY LEASE SERIAL NUMBER
EXHIBIT B	PROPOSED UNIT AREA DESCRIPTION SCHEDULE
EXHIBIT C	ISOPACHOUS MAP OF PREMIER SAND AND SUMMARY OF PRODUCTIVE INTERVALS
EXHIBIT D	PLAT OF PROPOSED PILOT AND EXPANSION
EXHIBIT E	WELL STATUS REPORT
EXHIBIT F	PLANIMETERING AND ACRE-FOOTAGE CALCULATION- WORK SHEETS.
EXHIBIT G	TABULATION OF UNITIZATION INFORMATION
EXHIBIT H	UNIT AGREEMENT
EXHIBIT I	UNIT OPERATING AGREEMENT
EXHIBIT J	SAMPLE LOGS (6)
EXHIBIT K	ELECTRICAL AND RADIATION SURVEYS (7)
EXHIBIT L	DECLINE CURVES

I. HISTORY

THE PROPOSED UNIT AREA WITHIN THE GRAYBURG-JACKSON FIELD CONTAINS WELLS PRODUCING FROM BOTH THE FREN SAND ($\pm 1900'$) AND PREMIER SAND (OR LOWER GRAYBURG $\pm 3,300'$); HOWEVER, ONLY THE LATTER ZONE IS CONSIDERED IN THIS PROSPECTIVE UNIT. FROM 1945 TO 1957 THIS PORTION OF THE GRAYBURG-JACKSON FIELD WAS REPORTED SEPARATELY AS THE PREMIER FIELD.

THE PREMIER FIELD DISCOVERY WELL, REPOLLO OIL COMPANY BESSON No. 2 (A, SEC. 28, 17S-30E) WAS COMPLETED APRIL 23, 1930 AT A DEPTH OF 3126' (P.M. FROM 3565') FOR 16 BARRELS PER DAY. THE FOLLOWING MONTH ON MAY 20, 1930, THE PREMIER PETROLEUM COMPANY COMPLETED THEIR ARNOLD No. 1 (P, SEC. 23, 17S-30E) AT 3678' AND 20 BARRELS PER DAY. DUE TO THE LOW PRICE FOR CRUDE AND THE GENERAL NATIONAL ECONOMIC SITUATION, NO FURTHER DEVELOPMENT WAS CARRIED OUT UNTIL 1938 WHEN SEVERAL WELLS WERE DRILLED IN THE WESTERN PORTION OF THE FIELD. THIS DEVELOPMENT CONTINUED THROUGH 1944 WITH THE MAJORITY OF THE WELLS BEING DRILLED IN THE PERIOD FROM 1942 THROUGH 1944. THESE WELLS WERE COMPLETED WITH INITIAL POTENTIALS IN THE RANGE OF 150 TO 350 BARRELS PER DAY.

DURING DEVELOPMENT VIRTUALLY ALL WELLS WERE DRILLED WITH CABLE TOOLS, THE PRACTICE BEING TO SET 7" OR 8 5/8" SURFACE CASING AT APPROXIMATELY 550 FEET WITH 50 SACKS OF CEMENT AND TO SET AN OIL STRING OF 7" OR 5 1/2" CASING AT 2900' TO 3100 FEET, USUALLY USING 100 SACKS OF CEMENT. THE PRODUCTIVE INTERVAL WAS ORDINARILY SHOT WITH 2 TO 4 QUARTS OF NITRO-GLYCERIN PER FOOT. IN THE MIDDLE 1950'S SEVERAL WELLS WERE SAND FRACTURED WITH APPROXIMATELY 10,000 GALLONS OF FLUID AND 15,000 POUNDS OF SAND. ALTHOUGH SOME SUCCESS WAS WITNESSED, RESERVOIR PRESSURE HAD BEEN DEPLETED TO THE POINT THAT INCREASED PRODUCTION DID NOT HOLD UP AND THIS PRACTICE WAS LIMITED.

II. GEOLOGY

THE ORIGINALLY DESIGNED PREMIER FIELD IN WHICH THE PROPOSED UNIT IS CONTAINED IS LOCATED IN THE SOUTHWESTERN PORTION OF THE ARTESIA-VACUUM TREND. THIS TREND EXTENDS EASTWARD FROM THE TOWN OF ARTESIA INTO LEA COUNTY AND REPRESENTS, FROM STRUCTURAL STUDIES OR CONTOURS DRAWN ON TOP OF THE YATES FORMATION, SLIGHTLY WARPED PERMIAN STRATA HAVING THE ASPECTS OF AN EASTWARD PLUNGING ANTICLINE.

PRODUCTION IN THE AREA COMES FROM A SAND BODY SOME 3300' BELOW THE SURFACE.

THE PRIMARY STRUCTURAL FEATURES OF THE AREA ARE THE GRAYBURG-JACKSON HIGH RUNNING NEARLY DUE EAST AND WEST IMMEDIATELY TO THE NORTH, AND THE DELAWARE BASIN TO THE SOUTH. IT APPEARS THAT THE SAND BODY WAS DEPOSITED IN MORE OR LESS OF AN EMBAYMENT ALONG THE LIMESTONE COASTLINE. THE PREMIER SAND RESERVOIR IS A STRATIGRAPHIC TRAP LIMITED BY POROSITY AND PERMEABILITY PINCH OUTS AT THE PRODUCTIVE LIMITS OF THE FIELD. THE PREMIER CONSISTS OF A THICK BODY OF ANHYDRITIC SAND, GENERALLY CONTINUOUS OVER THE ENTIRE UNIT AREA, WITH THE OIL PRODUCTIVE ZONE CONSISTING OF MULTIPLE SAND STRINGERS "SANDWICHED" INTO THE MASSIVE SECTION. IN MOST INSTANCES THERE ARE THREE SEPARATE AND DISTINCT STRINGERS, HOWEVER OCCASSIONALLY THESE STRINGERS BECOME FINGERED INTO SMALLER ONES THROUGH DEPOSITIONAL FACIE CHANGES. A SOLUTION GAS-DRIVE APPEARS TO BE THE PREDOMINATE RESERVOIR MECHANISM.

TO BE THE PREDOMINATE

TOTAL GROSS PAY THICKNESS IS 170-200 FEET; NET PAY IS VERY DIFFICULT TO DETERMINE DUE TO LACK OF CORING; HOWEVER IT HAS BEEN ESTIMATED AT AN AVERAGE OF 13 FEET.

III. ROCK AND FLUID CHARACTERISTICS

A CORE ANALYSIS OF THE PREMIER SAND IS NOT AVAILABLE FOR THE AREA CONSIDERED; HOWEVER, ANALYSIS OF CORES TAKEN IN THE NEARBY LOCO HILLS FIELD HAVE BEEN UTILIZED AND VALUES OBTAINED ARE CONSIDERED REALISTIC. LISTED BELOW ARE THESE VALUES:

AVERAGE POROSITY	19.6%
AVERAGE PERMEABILITY	36.6 MD.
AVERAGE CONNATE WATER SATURATION	25%
AVERAGE RESIDUAL OIL SATURATION	19%
OIL GRAVITY	37° API
OIL VISCOSITY (EST.)	1.5 CP
FORMATION VOLUME FACTOR (ORIGINAL)	1.28
ORIGINAL SOLUTION GOR (FT ³ / BBL.	2.50

THE CRUDE IN THE AREA IS OF PARAFFIN BASE AND IS RELATIVELY SWEET.

IV. PRIMARY RECOVERY AND PREDICTED SECONDARY RECOVERY

TOTAL CUMULATIVE PRIMARY RECOVERY AS OF JULY 1, 1960 FOR WELLS INCLUDED IN THE PROSPECTIVE UNIT WAS 1,745,323 BARRELS. SECONDARY RECOVERY BY THE FLOOD HAS BEEN PREDICTED AT 1,750,000 OR APPROXIMATELY ONE TIMES PRIMARY. A FLOOD LIFE OF 8 YEARS HAS BEEN ESTIMATED.

DECLINE CURVES FOR EACH OF THE LEASES TO BE INCLUDED IN THE UNIT ARE ATTACHED. AS WILL BE NOTED, LITTLE IF ANY PRIMARY RESERVES REMAIN CONSIDERING 3 BPD PER WELL AS THE ECONOMIC LIMIT.

THERE ARE 38 WELLS IN THE UNIT AREA, 35 OF WHICH ARE CURRENTLY ACTIVE, PRODUCING FROM THE PREMIER SAND. THE CURRENT AVERAGE DAILY PRODUCTION PER WELL IS 2.2 BARRELS AFTER EXCLUDING THE 3 INACTIVE WELLS.

V. UNIT PARTICIPATION FORMULA

ATTACHED IS A "TABULATION OF UNITIZATION INFORMATION" GIVING PERTINENT DATA REGARDING A TENTATIVE PARTICIPATION FORMULA. THE PARTICIPATION PARAMETERS ARE 60% CUMULATIVE PRODUCTION AND 40% ACRE-FEET. ALSO ATTACHED IS AN ISOPACHOUS MAP SUITABLE FOR PLANIMETERING OF THE PREMIER SAND AND COPIES OF THE WORK SHEETS USED IN CALCULATING ESTIMATED NET PAY. ALSO ATTACHED FOR YOUR REVIEW ARE COPIES OF A NUMBER OF THE SAMPLE,

THE REASONING BEHIND THE OPERATORS ARRIVING AT THIS FORMULA IS BASED ON A NUMBER OF FACTORS WHICH MAKE IT EQUITABLE TO ALL CONCERNED, PRIMARY PRODUCTION, ON WHICH 60% OF THE FORMULA IS BASED, IS CONSIDERED ONE OF THE MOST REVEALING FACTORS IN PREDICTING RESERVOIR CAPACITY AND RESERVES IN PLACE WHEN, OF COURSE, DEVELOPMENT IS PROPERLY WEIGHED. IN THIS CASE THE MAJORITY OF THE WELLS HAVE BEEN PRODUCING FOR A CONSIDERABLE LENGTH OF TIME AND ARE PRESENTLY PRODUCING AN AVERAGE OF 2.2 BARRELS OF OIL PER DAY WHICH IS BELOW THE CONSIDERED ECONOMIC LIMIT OF 3 BARRELS OF OIL PER DAY. ON MANY OF THE OLDER PROJECTS, OF WHICH THIS IS ONE, THE ONLY FACTUAL DATA AVAILABLE IS PRODUCTION, WHICH IS PUBLIC INFORMATION AND REQUIRES NO INTERPRETATION.

ACRE-FEET, UPON WHICH THE REMAINING 40% OF THE FORMULA IS BASED, IS USUALLY CONTRIVED FROM INTERPRETATIVE DATA AND IS EQUITABLE THROUGH NEGOTIATION SINCE EACH WORKING INTEREST OWNER IS PRESENT TO PROTECT HIS CORRELATIVE RIGHTS. NET PAY CAN BEST BE INTERPRETED THROUGH THE UTILIZATION OF CORES, SAMPLE LOGS, AND ELECTRICAL AND RADIATION SURVEYS WHEN AVAILABLE. A CORE ANALYSIS, WHEN CORRELATED WITH THE LATTER INFORMATION, IS PROBABLY THE MOST VALUABLE TOOL IN DETERMINING NET PAY. IN THIS CASE NO CORES WERE TAKEN IN THE AREA IN QUESTION; HOWEVER IT WAS POSSIBLE TO ARRIVE AT PAY THICKNESS THROUGH THE USE OF SAMPLE LOGS AND ELECTRICAL OR RADIATION SURVEYS.

THE PROCEDURE USED IN SELECTING NET OIL PRODUCTIVE PREMIER SAND OR "MAKING PAY PICKS" WAS AS FOLLOWS:

ON WELLS WHERE BOTH SAMPLE LOGS AND RADIATION OR ELECTRICAL SURVEYS WERE AVAILABLE EACH ZONE INDICATING OIL SATURATION ON THE SAMPLE LOG AND CORRELATING AS SAND ON THE SURVEY WAS INTERPRETED AS NET PAY. ON WELLS WHERE ONLY A SAMPLE LOG, RADIATION OR ELECTRICAL SURVEY WAS EXISTENT CORRELATION WITH THE NEAREST OR OFFSET WELLS HAVING BOTH TYPE DATA CONTROL WAS UTILIZED TO EFFECT INTERPRETATION. CORRESPONDINGLY IT WAS NECESSARY TO USE A WEIGHT FACTOR FOR WELLS HAVING ONLY RADIATION OR ELECTRICAL SURVEYS SINCE IN MANY CASES ALL OF THE INDICATED PAY SECTION ON THE SURVEY IS NOT OIL PRODUCTIVE AS INDICATED ON WELLS WHERE SAMPLE LOGS WERE PRESENT. THE FACTOR LOGICALLY VARIES FROM WELL TO WELL, PARTICULARLY IN VIEW OF THE PAY CHARACTERISTICS AND ACCORDING TO THE WELLS POSITION IN THE RESERVOIR, WELLS NEARER THE EDGE HAVE LOWER NET TO GROSS PAY RATIOS. THE FACTORS RANGE FROM 50% TO 100% AND IF AN AVERAGE WERE SELECTED IT WOULD PROBABLY BE NEAR 80%.

SINCE THE PREMIER, IN THE PROSPECTIVE UNIT AREA, OCCURS GENERALLY AS THREE DISTINCT AND SEPARATE SAND STRINGERS, IT WAS NECESSARY TO SELECT THE "PAY PICK" FOR EACH INTERVAL, TOTALIZE THE THREE FIGURES AND PLOT THE SUM ON THE ISOPACHOUS MAP AS THE NET PAY THICKNESS FOR EACH WELL SURVEYED. OF COURSE, IT WAS NECESSARY TO DISREGARD A FEW POINTS SINCE A SEVERE ANAMOLY IN THE RESULTANT MAP WOULD BE CREATED IF THEY WERE CONSIDERED; HOWEVER AN ISOPACHOUS MAP RESULTED WHICH IS BELIEVED CREDITABLE.

INCLUDED WITH THE ISOPACHOUS MAP IS A SUMMARY OF PRODUCTIVE INTERVALS USED IN PREPARATION OF SAME.

ANOTHER METHOD OF SUBSTANTIATING THE RELATIVE VALIDITY OF THE ACRE-FOOT AGE CALCULATED IS TO COMPARE THE BARRELS PER ACRE-FOOT RATIO. FOR EXAMPLE, AMBASSADOR'S FEDERAL "P", CARPER'S SHUGART STATE AND SINCLAIR'S PARKE "B" LEASE SHOW 53, 60, AND 65 BARRELS/ACRE-FEET RESPECTIVELY. THEREFORE, IT CAN BE SEEN THAT THE PAY FOOTAGE AS DECIDED UPON MUST BE WITHIN ACCEPTABLE ACCURACY. THESE RATIOS WOULD RUN EVEN CLOSER IF PROPER WEIGHING OF COMPLETION DATES, VARIED COMPLETION PRACTICES; PRODUCTION METHODS AND WELL SPACING COULD BE MADE; HOWEVER THIS IS AN IMPOSSIBLE TASK SINCE MANY OF THESE FACTORS CANNOT BE RESOLVED.

THEREFORE IT WAS AGREED BY ALL OPERATORS THAT THIS PARTICIPATION FORMULA WAS EQUITABLE TO ALL PARTIES CONCERNED IN THE PROPOSED UNIT.

VI. UNIT AREA DESIGNATION

MIDWAY OF 1960 OPERATORS IN THE GENERAL PROSPECTIVE UNIT AREA IN QUESTION REALIZED THE WATERFLOOD POTENTIAL OF THE PREMIER SAND. AN OPERATORS MEETING WAS HELD AND AFTER A DISCUSSION A DESIRE TO PROCEED WITH PLANS FOR SECONDARY OPERATIONS WAS EXPRESSED. CONSIDERABLE WORK HAS TRANSPIRED SINCE INITIATION REGARDING THE PROPOSED UNIT BOUNDARIES. THE ATTACHED PLAT DEPICTS THE DECIDED UPON UNIT LIMITS WHICH ARE CONTAINED PARTIALLY AND IN WHOLE IN SECTIONS 22, 23, 25, 26, 27, AND 36 R-30E, T-17S OF EDDY COUNTY. ORIGINALLY AN ATTEMPT WAS MADE TO INCLUDE SIZEABLE LEASES OPERATED BY NASH, WINDFOHR AND BROWN LOCATED EAST OF THE PROPOSED; HOWEVER THEY HAVE DECLINED TO ENTER THE UNIT. ALSO SEVERAL LEASES AS LISTED BELOW TO THE WEST AND SOUTH WERE DELETED FROM THE ORIGINALLY PROPOSED UNIT AREA.

GENERAL AMERICAN

ARNOLD "D" MADDREN "A"

ARNOLD "F" MADDREN "B"

BEESON "B" MADDREN "E"

AMBASSADOR

FEDERAL "G"

SINCLAIR
BEESON "A"

GENERAL AMERICAN, IN ORDER TO AVOID SEVERE LEASE SEGREGATION DIFFICULTIES, ELECTED TO WITHDRAW THE ABOVE LEASES FROM THE UNIT. THIS, OF COURSE, NECESSITATED DEPLETION OF THE OTHER LISTED LEASES DUE TO NON-CONTIGUOUS BOUNDARIES. ALTHOUGH GENERAL AMERICAN HAS MADE THIS DECISION THEY PLAN TO FLOOD THESE LEASE COOPERATIVELY WITH THE PROPOSED UNIT.

VII. UNDEVELOPED TRACTS

THE UNDEVELOPED TRACTS HAVE BEEN DISCUSSED AND DETERMINED TO BE DRAINED, THUS DISALLOWING AN INEQUITY IN THE PROPOSED PARTICIPATION FORMULA. THE ONLY POTENTIAL OF THESE TRACTS IS AS PROSPECTIVE LOCATIONS FOR WATER INJECTION WELLS.

VIII. WATER SOURCE

THE SUPPLY WATER FOR THE FLOOD WILL BE PURCHASED FROM A PUBLIC UTILITY LINE LOCATED JUST NORTH OF THE PROPOSED UNIT. X

IX. WATER STATION AND INJECTION SYSTEM

DEVELOPMENT OF THE INJECTION SYSTEM AND WATER STATION WILL BE GOVERNED BY TWO FACTORS: (1) FIELD PERFORMANCE AND (2) NEW MEXICO OIL CONSERVATION RULES.

THE INJECTION STATION WILL CONSIST OF ONE AND POSSIBLY TWO VERTICAL MULTIPLEX PRESSURE PUMPS WITH GAS ENGINE PRIME MOVERS AND COMPLETELY EQUIPPED FOR AUTOMATION AND SAFETY CONTROLS.

THE INJECTION DISTRIBUTION AND FLOW LINE SYSTEMS WILL CONSIST OF 7", 4 1/2", 3 1/2", 2 7/8" AND 2-3/8" OD CEMENT LINED CASING AND LINE PIPE.

X. PRODUCTION EQUIPMENT.

PUMP EQUIPMENT, SURFACE AND SUBSURFACE, WILL BE ENLARGED ON INDIVIDUAL WELLS AS DICTATED BY FLOOD PERFORMANCE. DEPENDING ON PRODUCING RATE, THE PUMPING UNIT REQUIREMENTS WILL BE SATISFIED BY 160,000 IN-LB. OR 228,000 IN-LB. RATED BEAM TYPE UNITS.

LACT EQUIPMENT WILL BE UTILIZED IF INDICATED FEASIBLE.

SEMI-AUTOMATIC WELL TESTING FACILITIES WILL BE PLACED IN OPERATION AT THE CENTRALIZED TANK BATTERY LOCATIONS TO FACILITATE INDIVIDUAL WELL TESTING.

EXHIBIT "B" (CONT'D.)

TOTALS

13 FEDERAL TRACTS	1,560 ACRES	97.5% OF UNIT AREA
STATE OF NEW MEXICO TRACT	40 ACRES	2.5% OF UNIT AREA
1,600 ACRES		100.0% OF UNIT AREA

GRAYBURG-JACKSON UNIT -- EDDY COUNTY, NEW MEXICO

EXHIBIT "G"

TABULATION OF UNITIZATION INFORMATION

LESSOR	LEASE	Cum. PROD. TO	CURRENT 1-1-60 THRU	(1) ACREAGE	(2) WELLS	(3) ACRE FEET	(4) % Cum. PROD.	(5) % CURRENT PROD.	(6) ACREAGE %	(7) % WELLS	(8) % ACRE FEET	(9) 60% OF COL. 4	(10) 40% OF COL. 4	(11) TOTAL PARTICI- PATION %
EMBASSADOR	FEDERAL B	195,553	2,262	120	5	2,635	11.204402	11.9803	7.5000	13.1581	12.7203	6.722641	5.08812	11.810761
	FEDERAL C	178,467	2,829	80	3	1,327	10.225442	14.9833	5.0000	7.8947	6.4060	6.135265	2.56240	8.697665
	FEDERAL D	70,692	1,179	40	2	315	4.050368	6.2444	2.5000	5.2632	1.5206	2.430221	60824	3.038
	FEDERAL E	142,327	2,395	120	5	2,457	8.154766	12.6847	7.5000	13.1589	11.8610	4.892859	4.74440	9.637259
	FEDERAL F	0	0	40.	0	300	0	0	2.5000	0	1.4482	0	.57928	.579280
	FEDERAL P	35,342	935	40	1	674	2.024955	4.9521	2.5000	2.5316	3.2537	1.214973	1.30148	2.516453
		622,381	9,600	440	16	7,708	35.659933	50.8448	27.5000	42.1056	37.2098	21.395959	14.88392	36.279879
UPPER DRUG CO.	SERGEANT	162,907	1,431	80	2	1,045	9.333917	7.5790	5.0000	5.2632	5.0447	5.600350	2.01788	7.618230
	SUGART	29,374	251	40	1	485	1.683012	1.3294	2.5000	2.6316	2.3413	1.009807	.93652	1.946327
		192,281	1,682	120	3	1,530	11.016929	8.9084	7.5000	7.8948	7.3860	6.610157	29.95440	9.564557
WANKLIN, ASTON	ARNOLD	68,514	793	80	2	1,077	3.92577	4.1999	5.0000	5.2632	5.1991	2.355346	2.07964	4.434986
	ERIGHAM	19,660	0	80	1	736	1.126439	0	5.0000	2.6316	3.5530	.675863	1.42120	2.097063
	(Sec. 26)													
	BRIGHAM "B"	0	0	80	0	350	0	0	5.0000	0	1.6896	0	.67584	.675840
	(Sec. 22)													
	STEVENS "B"	255,802	2,067	320	6	3,073	14.656427	10.9476	20.0000	15.7896	14.8347	8.793856	5.93388	14.727
		343,976	2,860	560	9	5,236	19.708443	15.1475	35.0000	23.6844	25.2764	11.825065	10.11056	21.9356
NERAL AMERICAN	ARNOLD "C"	191,664	1,006	80	2	1,261	10.981578	5.3281	5.0000	5.2632	6.0873	6.588947	2.43492	9.023867
	ARNOLD "E"	112,673	662	80	2	1,631	6.455710	3.5062	5.0000	5.2632	7.8735	3.873426	3.14940	7.022826
	LADDREN "B"	96,929	1,080	80	2	553	5.553643	5.7200	5.0000	5.2632	2.6696	3.332186	1.06784	4.400026
		401,266	2,748	240	6	3,445	22.990931	14.5543	15.0000	15.7896	16.6304	13.794559	6.65216	20.446719
ARRIDGE	DEXTER "A"	22,834	1,032	120	1	541	1.308297	5.4658	7.5000	2.6316	2.6116	.784979	1.04464	1.829619
OX	IVAN CLOVE	121,058	353	80	2	1,620	6.936137	1.8696	5.0000	5.2632	7.8204	4.161683	3.12816	7.289843
MCCLAIR	PARKE "B"	41,527	606	40	1	635	2.319330	3.2096	2.5000	2.6316	3.0654	1.427598	1.22616	2.653758
TOTALS		1,745,323	18,881	1,600	38	20,715	100.00000	100.0000	100.0000	100.0000	60.00000	40.00000	100.00000	

TABULATION OF UNITIZATION INFORMATION

OPERATOR	LEASE	CUM. PROD. TO	CURRENT 1-1-60 THRU	(1) ACREAGE	(2) WELLS	(3) ACRE FEET	(4) % CUM. PROD.	(5) % CURRENT PROD.	(6) % ACREAGE	(7) % WELLS	(8) % ACRE FEET	(9) 60% OF COL. 4	(10) 40% OF COL. 4	(11) TOTAL PARTICI-
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	FEDERAL C	178,467	2,829	80	3	1,327	10.225442	14.9833	5.0000	7.8947	6.4060	6.135265	2.56240	8.697665
	FEDERAL D	70,692	1,179	40	2	315	4.050368	6.2444	2.5000	5.2632	1.5206	2.430221	60824	3.038461
	FEDERAL E	142,327	2,395	120	5	2,457	8.154766	12.6847	7.5000	13.1589	11.8610	4.892859	4.74440	9.637259
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	SUGART	29,374	251	40	1	485	1.683012	1.3294	2.5000	2.6316	2.3413	1.009807	.93652	1.946327
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	(SEC. 26)	19,660	0	80	1	736	1.126439	0	5.0000	2.6316	3.5530	.675863	1.42120	2.097063
	BRIGHAM "B"		0	80	0	350	0	0	5.0000	0	1.6896	0	.67584	.675840
	(SEC. 22)	255,802	2,067	320	6	3,073	14.656427	10.9476	20.0000	15.7896	14.8347	8.793856	5.93388	14.727736
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	ARNOLD "E"	112,673	662	80	2	1,631	6.455710	3.5062	5.0000	5.2632	7.8735	3.873426	3.14940	7.022826
	ADDREN "B"	96,929	1,080	80	2	553	5.553643	5.7200	5.0000	5.2632	2.6696	3.332186	1.06784	4.400026
		401,266	2,748	240	6	3,445	22.990931	14.5543	15.0000	15.7896	16.6304	13.794,559	6.65210	20.446719
VARIDGE	DEXTER "A"	22,834	1,032	120	1	541	1.308297	5.4658	7.5000	2.6316	2.6116	.784979	1.04464	1.829619
JOX	IVAN CLOWE	121,058	353	80	2	1,620	6.936137	1.8696	5.0000	5.2632	7.8204	4.161683	3.12816	7.289843
INCLAIR	PARKE "B"	41,527	606	40	1	635	2.379330	3.2096	2.5000	2.6316	3.0654	1.427598	1.22616	2.653758
TOTALS		1,745,323	18,881	1,600	38	20,715	100.000000	100.0000	100.0000	100.0000	60.000000	40.000000	100.000000	