

KELLY M. CASSELS
CHARLES H. COLL
CLARKE C. COLL *
ERIC J. COLL
STEVEN P. FISHER
RICHARD L. KRAFT
CLAY H. PAULOS **
DAMON RICHARDS **
MICHAEL H. STONE
MARK W. TAYLOR
MICHAEL T. WORLEY **

LAW OFFICES OF
SANDERS, BRUIN, COLL & WORLEY, P.A.

600 UNITED BANK PLAZA
400 NORTH PENNSYLVANIA AVENUE
ROSWELL, NEW MEXICO 88201
POST OFFICE BOX 550
ROSWELL, NEW MEXICO 88202-0550

JAMES L. BRUIN
T. T. SANDERS, JR.
OF COUNSEL

TELEPHONE
505-622-5440

TELECOPIER
505-622-5853

February 8, 1993

* ALSO LICENSED IN VIRGINIA
** ALSO LICENSED IN TEXAS

MIKE STOGNER
OIL CONSERVATION DIVISION
NM DEPT OF ENERGY & MINERALS
310 OLD SANTA FE TRAIL RM 206
SANTA FE NM 87504

10685

Re: *Application for Statutory Unitization
Shugart Waterflood Unit
Eddy County, New Mexico*

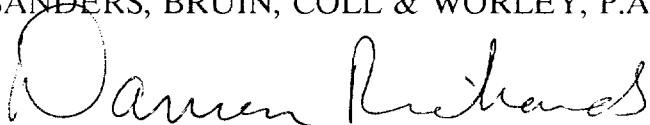
Dear Mr. Stogner:

Hanson Operating Company, Inc. proposes a Waterflood in the Shugart Field, covering portions of Sections 25, 26, and 35, Township 18 South, Range 30 East, NMPM, and a part of Section 30, Township 18 South, Range 31 East, NMPM, Eddy County, New Mexico, which will comprise 1,111 total acres. Enclosed please triplicate originals of our Application for Statutory Unitization with all attachments.

Please set for hearing the statutory unitization with regard to this matter on March 4, 1993.

Very truly yours,

SANDERS, BRUIN, COLL & WORLEY, P.A.



Damon Richards

DR:lt

Attachments

cc: Hanson Operating Company, Inc.

dr/oil/ocd01.let

STATE OF NEW MEXICO
DEPARTMENT OF ENERGY AND MINERALS
OIL CONSERVATION DIVISION

APPLICATION OF HANSON OPERATING
COMPANY, INC., FOR STATUTORY
UNITIZATION, SHUGART WATERFLOOD
UNIT, EDDY COUNTY, NEW MEXICO

NO. 10685

APPLICATION FOR STATUTORY UNITIZATION

HANSON OPERATING COMPANY, INC. ("Hanson") hereby applies to the New Mexico Oil Conservation Division for an Order pursuant to the New Mexico Statutory Unitization Act (70-7-1 through 79-7-21 N.M.S.A. 1978) providing for the unitized management, operation and further development of the area and formation known as the Shugart Waterflood Unit, Eddy County, New Mexico, and in support of its Application states:

1. Hanson is a New Mexico corporation and is engaged in the business of, among other things, producing and selling oil and gas as defined by the New Mexico Statutory Unitization Act (70-7-1 through 70-7-21 N.M.S.A. 1978, hereinafter referred to as the "Act").

2. The proposed area for which application is made for unitized operations, pursuant to the Act, is known as Shugart Waterflood Unit, Eddy County, New Mexico (the "Unit Area"), and consists of 1,111 acres, more or less, in Eddy County, New Mexico, being more particularly described in Exhibit A attached hereto and incorporated

by reference as Exhibit B.

3. The "Unitized Formations" shall mean that interval underlying the Unit Area encompassing the Yates, Seven Rivers, Queen, Penrose, and Grayburg formations, including fifty (50) feet above and below the upper and lower limits, respectively, of said formation which is indicated in the electric log of Hanson Oil Company, Ginsberg Federal Well #13 located 1,650' FNL and 1,800' FEL, Section 26, Township 18 South, Range 30 East, N.M.P.M., Eddy County, New Mexico.

4. The portion of the Unitized Formation included within the Unit Area has been reasonably defined by development.

5. Hanson proposes to institute a project for the secondary recovery of oil and gas from the Unitized Formation within the Unit Area.

6. The proposed plan of unitization is embodied in the Unit Agreement, a true and correct copy of which is attached hereto and incorporated herein by reference as Exhibit C, and said plan is fair, reasonable and equitable.

7. The proposed operating plan covering the manner in which the unit will be supervised and managed and costs allocated and paid is embodied in the Unit Operating Agreement, a true and correct copy of which is attached hereto and incorporated herein by reference as Exhibit D.

8. Hanson projects that the unitized management, operation and further development of the Unitized Formation will increase recoverable reserves by approximately 784,561 barrels of oil and will improve the producing rate of this

reservoir. It is therefore evident that the unitized management, operation and further development of the Unitized Formation is reasonably necessary in order to effectively carry on secondary recovery operations to substantially increase the ultimate recovery of oil and gas from the Unitized Formation within the Unit Area.

9. The method of operation which is proposed in the Unit Operating Agreement is feasible, will prevent waste and will result, with reasonable probability, in the increased recovery of substantially more oil and gas from the Unitized Formation than would otherwise be recovered.

10. The estimated additional costs of conducting unitized operations will not exceed the estimated value of the additional oil and gas to be recovered plus a reasonable profit.

11. The proposed unitization and adoption of the methods of operation embodied in the Unit Operating Agreement will benefit the working interest owners and royalty owners of the oil and gas rights within the Unitized Formation of the Unit Area.

12. Hanson has made a good faith effort to secure voluntary unitization within the Unitized Formation of the Unit Area.

13. Pursuant to Division rules, a copy of this application was mailed by certified mail, return receipt requested, to all parties listed on Exhibit E notifying them of the hearing set for March 4, 1993.

14. The participation formula contained in the Unit Agreement allocates the produced and saved unitized hydrocarbons to the separately owned tracts in the Unit


Area on a fair, reasonable and equitable basis, and protects the correlative rights of all owners of interest within the Unit Area.

15. The statutory unitization of the Unitized Formation within the Unit Area in accordance with the plan embodied in the Unit Agreement and Unit Operating Agreement will prevent waste and protect correlative rights.

WHEREFORE, Hanson Operating Company, Inc. respectfully requests that this Application be set for hearing before the Oil Conservation Division at the earliest practicable date and that the Division enter its Order approving the Unit Agreement and Unit Operating Agreement providing for the unitized management, operation and further development of the Unitized Formation and the Unit Area in accordance with the Act.

Respectfully submitted,

SANDERS, BRUIN, COLL & WORLEY, P.A.

By: 

Damon Richards
Post Office Box 550
Roswell NM 88202-0550
(505) 622-5440

Attorneys for Hanson Operating Company, Inc.

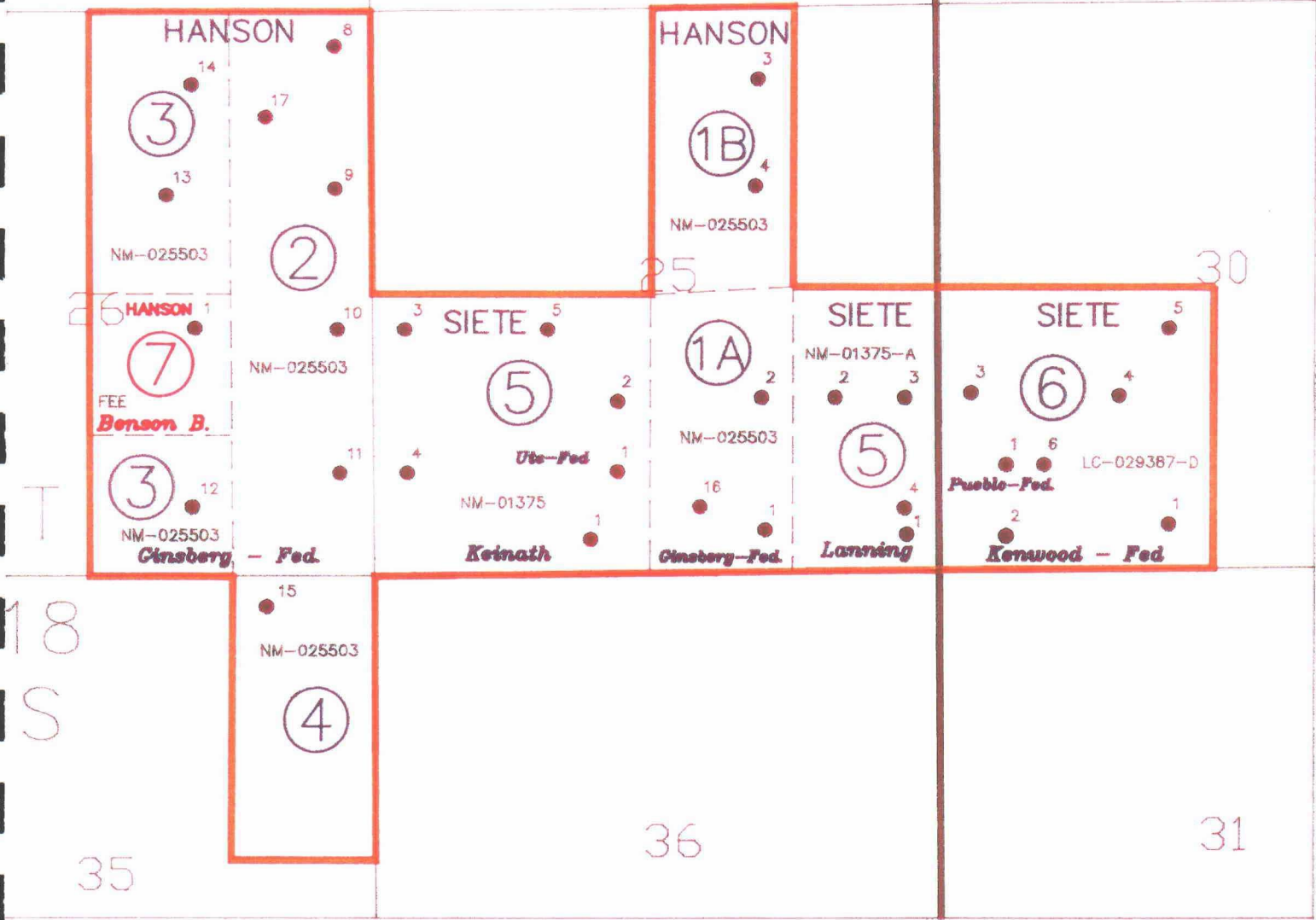
dr/oil/appl01.ocd

EXHIBIT A

TRACT	DESCRIPTION
TRACT 1	W/2E/2 Section 25, Township 18 South, Range 30 East, NMPM, containing Ginsberg Federal Number 1, 2, 3, 4, and 16 Wells
TRACT 2	E/2E/2 Section 26, Township 18 South, Range 30 East, NMPM, containing Ginsberg Federal Number 8, 9, 10, 11, and 17 Wells
TRACT 3	W/2NE/4, SW/4SE/4 Section 26, Township 18 South, Range 30 East, NMPM, containing Ginsberg Federal Number 12, 13, and 14 Wells
TRACT 4	E/2NE/4 Section 35, Township 18 South, Range 30 East, NMPM, containing Ginsberg Federal Number 15 Well
TRACT 5	SW/4, E/2SE/4 Section 25, Township 18 South, Range 30 East, NMPM, containing Keinath Federal Number 1, 2, 3, 4, and 5 Wells, Ute Federal Number 1 Well, and Lanning Federal Number 1, 2, 3, and 4 Wells
TRACT 6	Lots 3 and 4 (W/2SW/4), E/2SW/4 Section 30, Township 18 South, Range 31 East, NMPM, containing Manzano Oil Corporation - Kenwood Federal Wells Numbers 1, 2, 3, 4, 5, and 6, and Pueblo Federal Number 1 Well
TRACT 7	NW/4SE/4 Section 26, Township 18 South, Range 30 East, NMPM, containing Benson "B" #1 Fee Well

R 30 E

R 31 E



UNIT AREA BOUNDARY

② TRACT NUMBER

	ACRES	PERCENTAGE
STATE LAND	0	0%
FEDERAL LAND	1071	96.4%
FEE LAND	40	3.6%
TOTAL	1,111	100.0%

HANSON OPERATING
COMPANY, INC.

SHUGART WATERFLOOD
UNIT AREA PLAT

HANSON - SIETE - MANZANO

SHUGART FIELD
EDDY COUNTY, NEW MEXICO

EXHIBIT B



SCALE

**UNIT AGREEMENT
SHUGART WATERFLOOD UNIT
EDDY COUNTY, NEW MEXICO**

THIS AGREEMENT, entered into as of the 1st day of December, 1992, by the parties who have signed the original of this instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions hereof;

W I T N E S S E T H:

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

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

WHEREAS, the Commissioner of Public Lands of the State of New Mexico is authorized by an Act of the Legislature (Section 1, Chapter 88, Laws 1943, as amended by Section 1 of Chapter 176, Laws of 1961) (Chapter 19, Article 10, Section 45, New Mexico Statutes 1978 Annotated), to consent to and approve the development or operation of State lands under agreements made by lessees of State land jointly or severally with other lessees where such agreements provide for the unit operation or development of part of or all of any oil or gas pool, field or area; and

WHEREAS, the Oil Conservation Division of the State of New Mexico (hereinafter referred to as the "Division") is authorized by an Act of the Legislature (Chapter 72, Laws of 1935 as amended) (Chapter 70, Article 2, Section 2 et seq., New Mexico Statutes 1978 Annotated) to approve this Agreement and the conservation provisions hereof; and

WHEREAS, the parties hereto hold sufficient interest in the Unit Area covering the land hereinafter described to give reasonably effective control of operations therein; and

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

NOW THEREFORE, in consideration of the premises and the promises herein contained, the parties hereto commit to this Agreement their respective interest in the below-defined Unit Area, and agree severally among themselves as follows:

**ARTICLE 1
REGULATIONS**

1.1 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 or valid, pertinent, and reasonable regulations hereafter issued thereunder are accepted and made a part of this Agreement as

to Federal lands, provided such regulations are not inconsistent with the terms of this Agreement; and as to non-Federal lands, the oil and gas operating regulations in effect as of the Effective Date hereof governing drilling and producing operations, not inconsistent with the terms hereof or the laws of the state in which the non-Federal land is located, are hereby accepted and made a part of this Agreement.

ARTICLE 2 DEFINITIONS

As used in this Agreement, the terms herein contained shall have the following meaning:

2.1 Unit Area means the lands described by Tracts in Exhibit A and A-1; and shown on Exhibit B as to which this Agreement becomes effective or to which it may be extended as herein provided.

2.2 Unitized Formation means that subsurface portion of the Unit Area known as the Yates, Seven Rivers, Queen and Grayburg Formations, commonly known as the Shugart Yates, Seven River Queen and Grayburg Oil and Gas Pool which is indicated by the electrical log in the following well at the depth shown:

Operator	Well	Depth
Hanson Operating Company, Inc.	Ginsberg Federal Well #13 located 1650' FNL & 1800' FEL, Section 26, Township 18 South, Range 30 East, NMPM, Eddy County, New Mexico	The correlative interval between 1800 feet and 3500 feet beneath the surface of the ground as found in Compensated Density Log of such well.

The term "Unitized Formation" shall collectively include all the aforestated formations.

2.3 Unitized Substances means all oil, gas, gaseous substances, sulphur contained in gas, condensate, distillate, and all associated and constituent liquid or liquefiable hydrocarbons within or produced from the Unitized Formation.

2.4 Working Interest means an interest in Unitized Substances by virtue of a lease, operating agreement, fee title, or otherwise, including a carried interest, which interest is chargeable with and obligated to pay or bear, either in cash or out of production or otherwise, all or a portion of the cost of drilling, developing, producing, and operating the Unitized Formation.

2.5 Royalty Interest means a right to or interest in any portion of the Unitized Substances or proceeds thereof other than a Working Interest.

2.6 Royalty Owner means a party hereto who owns a Royalty Interest.

2.7 Working Interest Owner means a party hereto who owns a Working Interest. The owner of Oil and Gas Rights that are free of lease or other instrument conveying the Working Interest to another shall be regarded as a Working Interest Owner to the extent of seven-eighths (7/8) of his interest in Unitized Substances, and as a Royalty Owner with respect to his remaining one-eighth (1/8) interest therein.

2.8 Tract means each parcel of land described as such and given a Tract number in Exhibit A, upon which is located a well on each nominal quarter section which is presently producing or has produced from the Unitized Formation.

2.9 Unit Operating Agreement means the Agreement entitled "Unit Operating Agreement, Shugart Waterflood Unit, Eddy County, New Mexico", of the same Effective Date as the Effective Date of this Agreement.

2.10 Unit Operator means the Working Interest Owner designated by Working Interest Owners under the Unit Operating Agreement to develop and operate the Unitized Formation, acting as operator and not as a Working Interest Owner.

2.11 Tract Participation means the percentage shown on Exhibit A for allocating Unitized Substances and Unit Expenses to a Tract under this Agreement.

2.12 Unit Participation of each Working Interest Owner means the sum of the percentages obtained by multiplying the Working Interest of such Working Interest Owner in each Tract by the Tract Participation of such Tract or an otherwise mutually agreed percentage.

2.13 Outside Substances means all substances obtained from any source other than the Unitized Formation, and which are injected into the Unitized Formation.

2.14 Oil and Gas Rights means the right to explore, develop, and operate lands within the Unit Area for the production of Unitized Substances, or to share in the production so obtained or the proceeds thereof.

2.15 Unit Operations means all operations conducted by Working Interest Owners or Unit Operator pursuant to this Agreement and the Unit Operating Agreement for or on account of the development and operation of the Unitized Formation for the production of Unitized Substances.

2.16 Unit Equipment means all personal property, lease and well equipment, plants, and other facilities and equipment taken over or otherwise acquired for the joint account for use in Unit Operations.

2.17 Unit Expense means all cost, expense, or indebtedness incurred by Working Interest Owners or Unit Operator pursuant to this Agreement and the Unit Operating Agreement for or on account of Unit Operations.

2.18 Land Commissioner is defined as the Commissioner of Public Lands of the State of New Mexico.

2.19 Division is defined as the Oil Conservation Division of the Department of Energy and Minerals of the State of New Mexico.

2.20 Authorized Officer or A.O. is any employee of the Bureau of Land Management who has been delegated the required authority to act on behalf of the BLM.

2.21 Secretary is defined as the Secretary of the Interior of the United States of America, or his duly authorized delegate.

2.22 Department is defined as the Department of the Interior of the United States of America.

2.23 Proper BLM Office is defined as the Bureau of Land Management office having jurisdiction over the federal lands included in the Unit Area.

2.24 Unless the context otherwise clearly indicates, words used in the singular include the plural, the plural include the singular, and the neuter gender includes the masculine and the feminine.

ARTICLE 3 EXHIBITS

3.1 Exhibits. Attached hereto are the following exhibits which are incorporated herein by reference:

3.1.1 Exhibit A & A-1, which are schedules that describe each Tract in Unit Area and show its Tract Participation.

3.1.2 Exhibit B, which is a map that shows the boundary lines of the Unit Area and the Tracts therein.

3.2 Reference to Exhibits. When reference herein is made to an exhibit, the reference is to the exhibit as originally attached, or if revised, to the latest revision.

3.3 Exhibits Considered Correct. An exhibit shall be considered to be correct until revised as herein provided.

3.4 Correcting Errors. The shapes and descriptions of the respective Tracts have been established by using the best information available. If it subsequently appears that any Tract, because of diverse Royalty or Working Interest Ownership on the Effective Date hereof, should be divided into more than one Tract, or that any mechanical miscalculation has been made, Unit Operator, with the approval of Working Interest Owners, may correct the mistake by revising the exhibits to conform to the facts. The revision shall not include any re-evaluation of engineering or geological interpretations used in determining Tract Participation. Each such revision of an exhibit shall be effective at 7:00 o'clock a.m. on the first day of the calendar month next following the filing for record of the revised exhibit or on such other date as may be determined by Working Interest Owners and set forth in the revised exhibit.

3.5 Filing Revised Exhibits. If an exhibit is revised pursuant to this Agreement, Unit Operator shall certify and file the revised exhibit for record in the County or Counties in which this Agreement is filed.

ARTICLE 4 CREATION AND EFFECT OF UNIT

4.1 Oil and Gas Rights Unitized. Subject to the provisions of this Agreement, all Oil and Gas Rights of Royalty Owners in and to the lands described in Exhibit A, and all Oil and Gas Rights of Working Interest Owners in and to said lands, are hereby unitized insofar as the respective Oil and Gas Rights pertain to the Unitized Formation, so that operations may be conducted as if the Unitized Formation had been included in a single lease executed by all Royalty Owners, as lessors, in favor of all Working Interest Owners, as lessees, and as if the lease had been subject to all of the provisions of this Agreement.

4.2 Unitized Land. All land committed to this Agreement as to the Unitized Formation shall constitute land referred to herein as "Unitized Land" or "Land subject to this Agreement". Nothing herein shall be construed to unitize, pool, or in any way affect the oil, gas and other minerals contained in or that may be produced from any formation other than the Unitized Formation as defined in Article 2, Section 2.2 of this Agreement.

4.3 Personal Property Excepted. All lease and well equipment, materials and other facilities heretofore or hereafter placed by any of the Working Interest Owners on the lands covered hereby shall be deemed to be and shall remain personal property belonging to and may be removed by the Working Interest Owners. The rights and interests therein as among Working Interest Owners are covered by the Unit Operating Agreement.

4.4 Amendment of Leases and Other Agreements. The provisions of the various leases, agreements, division and transfer orders, or other instruments covering the respective Tracts or the production therefrom are amended to the extent necessary to make them conform to the provisions of this Agreement, but otherwise shall remain in effect.

4.5 Continuation of Leases and Term Royalties. Operations, including drilling operations, conducted with respect to the Unitized Formation on any part of the Unit Area, or production from any part of the Unitized Formation, except for the purpose of determining payments to Royalty Owners, shall be considered as operations upon or production from each Tract, and such operations or production shall continue in effect each lease or term Royalty Interest as to all lands covered thereby just as if such operations had been conducted and a well had been drilled on and was producing from each Tract.

4.6 Titles Unaffected by Unitization. Nothing herein shall be construed to result in the transfer of title to the Oil and Gas Rights by any party hereto to any other party or to Unit Operator. The intention is to provide for the cooperative development and operation of the Tracts and for the sharing of Unitized Substances as herein provided.

4.7 Injection Rights. Royalty Owners hereby grant unto Working Interest Owners the right to inject into the Unitized Formation any substances in whatever amounts Working Interest Owners deem expedient for Unit Operations, including the right to drill and maintain injection wells on the Unit Area and to use producing or abandoned oil or gas wells for such purposes.

4.8 Development Obligation. Nothing herein shall relieve Working Interest Owners from the obligation to develop reasonably as a whole the lands and leases committed hereto.

4.9 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 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; provided, however, each party hereto covenants that it will not resort to any action to partition the unitized land or the Unit Equipment.

ARTICLE 5 PLAN OF OPERATIONS

5.1 Unit Operator. Working Interest Owners are, as of the Effective Date of this Agreement, entering into the Unit Operating Agreement, designating Hanson Operating Company, Inc., as Unit Operator. Unit Operator shall have the exclusive right to conduct Unit Operations. The operations shall conform to the provisions of this Agreement and the Unit Operating Agreement. 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, when such interests are owned by it and the term "Working Interest Owner" when used herein shall include or refer to the Unit Operator as the owner of a Working Interest when such an interest is owned by it.

Unit Operator shall have a lien upon interests of Working Interest Owners in the Unit Area to the extent provided in the Unit Operating Agreement.

If there is any conflict between such Agreements, this Agreement shall govern.

5.2 Operating Methods. To the end that the quantity of Unitized Substances ultimately recoverable may be increased and waste prevented, upon approval of A.O. and Land Commissioner, if deemed necessary, Working Interest Owners shall with diligence and in accordance with good engineering and production practices, engage in secondary recovery operations by injecting gas, water or other fluids or combinations thereof deemed necessary or desirable to effectively and economically increase the ultimate recovery of Unitized Substances.

5.3 Change of Operating Methods. Nothing herein shall prevent Working Interest Owners from discontinuing or changing in whole or in part, any method of operations which, in their opinion, is no longer in accord with good engineering or production practices. Other methods of operation may be conducted or changes may be made by Working Interest Owners from time to time if determined by them to be feasible, necessary, or desirable to increase the ultimate recovery of Unitized Substances.

5.4 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 A.O. 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 Division 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 Land Commissioner, if deemed necessary, and as to any lands in the State of New Mexico or privately-owned lands subject to this Agreement or to the quantity and rate of production from such lands in the absence of specific written approval thereof by the Division.

5.5 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 or registered mail, addressed to such party or parties at their last known address 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.

ARTICLE 6 TRACT PARTICIPATION

6.1 Tract Participation. The Tract Participation for each Tract as shown in Exhibit A has been computed on the basis of the following formula:

Tract Factor = Estimated Secondary Ultimate Recoverable Reserves from wells on each tract divided by estimated secondary ultimate total Recoverable Reserves from Unit Area. Secondary Recoverable Reserves were calculated by Williamson Petroleum Consultants, Inc. on the following groups of wells: (a) Benson #1 Well, (b) Ginsberg #1, 2, 16 Wells, (c) Ginsberg #3-15, 17 Wells, (d) Keinath #1, 2 Wells, (e) Keinath #3-5 Wells, (f) Kenwood #1-6 Wells, (g) Lanning #1-4 Wells, (h) Pueblo Fed #1 Well, (i) Ute Fed #1 Well. In the event a TRACT is composed of a portion but not all of the wells in a group, the Recoverable Reserves were estimated by calculating the cumulative primary reserves recovered through August 31, 1991, dividing such figure by the total primary reserves recovered through such time period by all wells in the group and multiplying such figure by the percentage of Ultimate Secondary Recoverable Reserves for that group of wells pursuant to the Williamson Petroleum Consultants, Inc. Report. Notwithstanding the foregoing tract factor determination formula, the following parties have agreed, pursuant to Letter Agreement dated January 24, 1992, to the following gross working interest in the present Unit Area: Manzano Oil Corporation to own 10%, Siete Oil & Gas Corporation to own 10%, and the remaining working interest owners shall own the remaining 80% with McBride Oil & Gas Corporation to solely absorb the difference in the increased interest to be owned by Manzano Oil Corporation and Siete Oil & Gas Corporation.

Ultimate Secondary Recoverable Reserves as determined by Williamson Petroleum Consultants, Inc. on file with Unit Operator.

6.2 Relative Tract Participation. If the Unit Area is enlarged or reduced, the revised Tract Participation of the Tracts remaining in the Unit Area and which were within the Unit Area prior to the enlargement or reduction shall remain in the same ratio one to another.

ARTICLE 7 ALLOCATION OF UNITIZED SUBSTANCES

7.1 Allocation to Tracts. All Unitized Substances produced and saved shall be allocated to the several Tracts in accordance with the respective Tract Participation effective during the period that the Unitized Substances were produced. Payments to Royalty Interests shall be calculated on the basis of 100 percent (100%) of the proceeds of any of the Unitized Substances. The amount of Unitized Substances allocated to each Tract, regardless of whether it is more or less than the actual production of Unitized Substances from well or wells, if any, on such Tract, shall be deemed for all purposes to have been produced from such Tract.

7.2 Distribution Within Tracts. The Unitized Substances allocated to each Tract shall be credited or distributed to the parties entitled to share in the production from such Tract in the same manner, in the same proportions, and upon the same conditions as they would have participated and shared in the production from such tract, or in the proceeds thereof, had this Agreement not been entered into, and with the same legal effect. If any Oil and Gas Rights in a Tract hereafter become divided and owned in severalty as to different parts of the Tract, the owners of the divided interests, in the absence of an agreement providing for a different division, shall share in the Unitized Substances allocated to the Tract, or in the proceeds thereof, in proportion to the surface acreage of their respective parts of the Tract.

7.3 Taking Unitized Substances in Kind. The State of New Mexico and United States of America and all Royalty Owners who, under an existing contract, are entitled to take in kind a share of the 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 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 the leases, except that such Royalty shall be computed on Unitized Substances as allocated to each Tract in accordance with the terms of this Agreement. With respect to Federal leases committed hereto on which the Royalty rate depends upon the daily average production per well, such average production shall be determined in accordance with the operating regulations pertaining to Federal leases as though the committed Tracts were included in a single consolidated lease.

7.4 Failure to Take in Kind. If any party fails to take in kind or separately dispose of its share of Unitized Substances, Unit Operator shall have the right, for the time being and subject to revocation at will by the party owning the share, to purchase at prices prevailing in the area for its own account or sell to others such share; provided, that all contracts of sale by Unit Operator of any other party's share of Unitized Substances shall be only for such reasonable periods of time as are consistent with the minimum needs of the industry under the circumstances, but in no event shall any such contract be for a period in excess of one year or shall the purchase price be less than that received by Unit Operator for its share. The proceeds of the Unitized Substances so disposed of by Unit Operator shall be paid to the party entitled thereto.

7.5 Responsibility for Royalty Settlements. If the amount of production or the proceeds thereof accruing to any Royalty Owner (except the United States of America) in a Tract depends upon the average production per well or the average pipeline runs per well from such Tract during any period of time, then such production shall be determined from and after the Effective Date hereof by dividing the quantity of Unitized Substances allocated hereunder to such Tract during such period of time by the number of wells located thereon capable of producing Unitized

Substances as of the Effective Date hereof, provided that any Tract not having any well so capable of producing Unitized Substances on the Effective Date hereof shall be considered as having one such well for the purpose of this provision.

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.

With the exception of Federal and State requirements to the contrary, Working Interest Owners may use or consume Unitized Substances for Unit Operations and no Royalty, Overriding Royalty, production or other payments shall be payable on account of Unitized Substances used, lost, or consumed in Unit Operations.

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 A 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 interests of all parties shall be adjusted accordingly.

7.6 Royalty on Outside Substances. No payments shall be due or payable to Royalty Owners on any Outside Substances.

7.6.1 If gas is the Outside Substance injected, fifty percent (50%) of any subsequently produced Unitized Substance from the Unitized Formation and sold, or used for other than Unit Operations, shall be deemed to be the Outside Substance so injected until the total volume recovered equals the total volume of the Outside Substance so injected.

7.6.2 If liquid hydrocarbons are the Outside Substances injected and the Unitized Substances subsequently produced contain such liquid hydrocarbons, as determined by Working Interest Owners by applicable tests, then commencing on the first day of the calendar month following such a determination, ten percent (10%) of all oil produced from the Unitized Formation and sold during any month, shall be deemed to be the Outside Substances so injected until the total value thereof equals total cost of the Outside Substances so injected.

ARTICLE 8 PRODUCTION AS OF THE EFFECTIVE DATE

8.1 Oil in Lease Tanks. Unit Operator shall gauge all lease and other tanks within the Unit Area to ascertain the amount of merchantable oil produced from the Unitized Formation in such tanks, above the pipeline connections, as of 7:00 o'clock a.m. on the Effective Date hereof. The oil that is a part of the prior allowable of the wells from which it was produced shall remain the property of the parties entitled thereto the same as if the Unit had not been formed. Any such oil not promptly removed may be sold by the Unit Operator for the account of the parties entitled thereto, subject to the payment of all royalties, overriding royalties, production payments, and all other payments under the provisions of the applicable lease or other contracts. The oil that is in excess of the prior allowable of the wells from which it was produced shall be regarded as Unitized Substances produced after the Effective Date hereof.

8.2 Overproduction. If, as of the Effective Date hereof, any Tract is overproduced with respect to the allowable of the wells on that Tract and the amount of overproduction has been sold or otherwise disposed of, such overproduction shall be regarded as a part of the Unitized Substances produced after the Effective Date hereof and shall be charged to such Tract as having been delivered to the parties entitled to Unitized Substances allocated to such Tract.

ARTICLE 9
USE OR LOSS OF UNITIZED SUBSTANCES

9.1 Use of Unitized Substances. Working Interest Owners may use as much of the Unitized Substances as they deem necessary for Unit Operations, including, but not limited to, the injection thereof into the Unitized Formation.

9.2 Royalty Payments. No Royalty, Overriding Royalty, production, or other payments shall be payable upon, or with respect to, Unitized Substances used or consumed in Unit Operations, or which otherwise may be lost or consumed in the production, handling, treating, transportation, or storing of Unitized Substances.

ARTICLE 10
TRACTS TO BE INCLUDED IN UNIT

10.1 Qualification of Tracts. On and after the Effective Date hereof and until the enlargement or reduction thereof, the Unit Area shall be composed of the Tracts listed in Exhibit A that corner or have a common boundary (Tracts separated only by a public highway or a railroad right of way shall be considered to have a common boundary), and that otherwise qualify as follows:

10.1.1 Each Tract as to which Working Interest Owners owning one hundred percent (100%) of the Working Interest have become parties to this Agreement and as to which Royalty Owners owning seventy-five percent (75%) or more of the Royalty Interest have become parties to this Agreement.

10.1.2 Each Tract as to which Working Interest Owners owning one hundred percent (100%) of the Working Interest have become parties to this Agreement, and as to which Royalty Owners owning less than seventy-five percent (75%) of the Royalty Interest have become parties to this Agreement, and to which the Working Interest Owners in such Tract have executed and delivered an Indemnity Agreement indemnifying and agreeing to hold harmless the other Working Interest Owners in the Unit Area, their successors and assigns, against a portion of all claims and demands that may be made by non-subscribing owners of Royalty Interest in such Tract on account of the inclusion of the Tract in the Unit Area. The portion of such claims and demands covered by the indemnity shall, as to each such Tract, be the fraction thereof in which the numerator is the difference between the percentage of the Royalty Interest signed and seventy-five percent (75%) of the Royalty Interest in the Tract; and the denominator is the difference between the percentage of the Royalty Interest signed and one hundred percent (100%) of the Royalty Interest in the Tract.

10.1.3 Each Tract as to which Working Interest Owners owning less than one hundred percent (100%) of the Working Interest have become parties to this Agreement; and Royalty Owners owning seventy-five percent (75%) or more of the Royalty Interest have become parties to this Agreement, or the indemnity with reference to the claims of non-subscribing owners of Royalty Interest on such Tract as given under the provisions of Section 10.1.2; and as to which (a) the Working Interest Owner who operates the Tract and all of the other Working Interest Owners in such Tract who have become parties to this Agreement have joined in a request for inclusion of such Tract in the Unit Area, and have executed and delivered an Indemnity Agreement indemnifying and agreeing to hold harmless the other Working Interest Owners in the Unit Area, their successors and assigns, against all claims and demands that may be made by the owners of Working Interest in such Tract who are not parties to this Agreement and which arise out of the inclusion of the Tract in the Unit Area, and as to which (b) eighty-five percent (85%) of the combined voting interest of the Working Interest Owners in all Tracts that meet the requirements of Sections 10.1.1 and 10.1.2 have voted in favor of the inclusion of such Tract and to accept the Indemnity Agreement. For the purposes of this Section 10.1.3, the voting interest of each Working Interest Owner shall be equal to the ratio (expressed in percentage) that its Unit Participation attributable to Tracts that qualify under Sections 10.1.1 and 10.1.2 bears to the total Unit Participation of all Working Interest Owners attributable to all Tracts that qualify under Sections 10.1.1 and 10.1.2.

10.1.4 Each tract, regardless of the percentage of Working Interest or Royalty Interest therein that has been committed hereto, and as to which (a) the Working Interest Owner who operates the Tract has become a party to this Agreement, and (b) Working Interest Owners having eighty-five percent (85%) of the combined voting interest of Working Interest Owners in all Tracts that meet the requirements of Sections 10.1.1, 10.1.2, or 10.1.3 vote in favor of the inclusion of such Tract. For the purpose of this Section 10.1.4, the voting interest of a Working Interest Owner shall be equal to the ratio (expressed in percentage) that its Unit Participation attributable to Tracts that qualify under Sections 10.1.1, 10.1.2, or 10.1.3 bears to the total Unit Participation of all Working Interest Owners attributable to all Tracts that qualify under Sections 10.1.1, 10.1.2, or 10.1.3.

10.2 Subsequent Commitment of Interest to Unit. After the Effective Date of this Agreement, the commitment of any interest in any Tract within the Unit Area shall be upon such terms as may be negotiated by Working Interest Owners and the owner of such interest.

10.3 Revision of Exhibits. 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 Land Commissioner, if deemed necessary, and the A.O., file therewith 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 percentage participation of such tract which shall be computed according to the participation formula set forth in Article 6 (Tract Participation) above. This schedule of participation shall be revised Exhibit A and upon approval thereof by the Land Commissioner, if deemed necessary, and the A.O., shall become a part of this Agreement and shall govern the allocation of production of Unitized Substances until a new schedule is approved by the Land Commissioner, if deemed necessary, and A.O.

ARTICLE 11 FAILURE OF TITLES

11.1 Removal of Tract from Unit Area. If a Tract ceases to have sufficient Working Interest Owners or Royalty Owners committed to this Agreement to meet the conditions of Article 10 because of failure of title of any party hereto, such Tract shall be removed from the Unit Area as of the first day of the calendar month in which the failure of title is finally determined; however, the Tract shall not be removed from the Unit Area if, within ninety (90) days of the date of final determination of the failure of title, the Tract requalifies under a section of Article 10.

11.2 Revision of Exhibits. If a Tract is removed from the Unit Area because of the failure of title, Unit Operator shall recompute the Tract Participation of each of the Tracts remaining in the Unit Area and shall revise Exhibits A, A-1, and B accordingly. The revised exhibits shall be effective as of the first day of the calendar month in which such failure of title is finally determined.

11.3 Working Interest Titles. If title to a Working Interest fails, the rights and obligations of Working Interest Owners by reason of the failure of title shall be governed by the Unit Operating Agreement.

11.4 Royalty Owner Titles. If title to a Royalty Interest fails, but the Tract to which it relates is not removed from the Unit Area, the party whose title failed shall not be entitled to share hereunder with respect to such interest.

11.5 Production Where Title is in Dispute. If the title or right of any party claiming the right to receive in kind all or any portion of the Unitized Substances allocated to a Tract is in dispute, Unit Operator at the discretion of Working Interest Owners shall either:

11.5.1 Require that the party to whom such Unitized Substances are delivered or to whom the proceeds thereof are paid, furnish security for the proper accounting therefor to the rightful owner if the title or right of such party fails in whole or in part, or

11.5.2 Withhold and market the portion of Unitized Substances with respect to which title or right is in dispute, and impound the proceeds thereof until such time as the title or right thereto is established by a final judgment of a court of competent jurisdiction or otherwise to the satisfaction of Working Interest Owners, whereupon the proceeds so impounded shall be paid to the party rightfully entitled thereto.

ARTICLE 12 EASEMENTS OR USE OF SURFACE

12.1 Grant of Easements. The parties hereto, to the extent of their rights and interests, hereby grant to Working Interest Owners the right to use as much of the surface of the land within the Unit Area as may be necessary for Unit Operations; provided that nothing herein shall be construed as leasing or otherwise conveying to Working Interest Owners a site for a water, gas injection, processing or other plant, or camp site.

ARTICLE 13 EXPANSION

13.1 Expansion. The above described Unit Area may, with the approval of the A.O. and Land Commissioner, if necessary, when practicable be expanded to include therein any additional Tract or Tracts regarded as reasonably necessary or advisable for the purposes of this Agreement provided however, in such expansion there shall be no retroactive allocation or adjustment of Unit Expense or of interests in the Unitized Substances produced, or proceeds thereof. Pursuant to Subsection 13.1.2.1, the Working Interest Owners may agree upon an adjustment of investment by reason of the expansion. Such expansion shall be effected in the following manner:

13.1.1 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.

13.1.2 Unit Operator shall circulate a notice of the proposed expansion to each Working Interest Owner in the Unit Area and in the Tract proposed to be included in the unit, setting out the basis for admission, the Tract Participation to be assigned to each Tract in the enlarged Unit Area and other pertinent data. After negotiation (at Working Interest Owners' meeting or otherwise) if at least three Working Interest Owners having in the aggregate seventy-five percent (75%) of the Unit Participation then in effect have agreed to inclusion of such Tract or Tracts in the Unit Area, then Unit Operator shall:

13.1.2.1 After obtaining preliminary concurrence by the A.O. and Land Commissioner, if deemed necessary, 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; and

13.1.2.2 Deliver copies of said notice to Land Commissioner, if deemed necessary, the A.O. at the Proper BLM Office, each Working Interest Owner and to the last known address of each lessee and lessor whose interests are affected, advising such parties that thirty (30) days will be allowed for submission to the Unit Operator of any objection to such proposed expansion; and

13.1.2.3 File, upon the expiration of said thirty (30) day period as set out in 13.1.2.2 immediately above with the Land Commissioner, if deemed necessary, and A.O. the following: (1) evidence of mailing or delivering copies of said notice of expansion; (2) an application for approval of such expansion; (3) an instrument containing the appropriate joinders in compliance with the participation requirements of Article 10, and Section 10.1.3, infra; and (4) a copy of all objections received along with the Unit Operator's response thereto.

The expansion shall, after due consideration of all pertinent information and approval by the Land Commissioner, if deemed necessary, and the A.O., become effective as of the date prescribed in the notice thereof, preferably the first day of the month subsequent to the date of notice. The revised Tract Participation of the respective Tracts included within the Unit Area prior to such enlargement shall remain the same ratio one to another.

ARTICLE 14 CHANGE OF TITLE

14.1 Covenant Running With the Land. This Agreement shall extend to, be binding upon, and inure to the benefit of, the respective heirs, devisees, legal representatives, successors, and assigns of the parties hereto, and shall constitute a covenant running with the lands, leases, and interests covered hereby.

14.2 Notice of Transfer. Any conveyance of all or any part of any interest owned by any party hereto with respect to any Tract shall be made expressly subject to this Agreement. No change of title shall be binding on the Unit Operator, or upon any party hereto other than the party so transferring, until the first day of the calendar month next succeeding the date of receipt by Unit Operator of a photocopy or a certified copy of the recorded instrument evidencing such change of ownership.

14.3 Waiver of Rights to Partition. Each party hereto covenants that, during the existence of this Agreement, it will not resort to any action to partition the Unit Area or the Unit Equipment, and to that extent waives the benefits of all laws authorizing such partition.

ARTICLE 15 RELATIONSHIP OF PARTIES

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

15.2 No Sharing of Market. This Agreement is not intended to provide, and shall not be construed to provide, directly or indirectly, for any cooperative refining, joint sale, or marketing of Unitized Substances.

15.3 Royalty Owners Free of Costs. This Agreement is not intended to impose, and shall not be construed to impose, upon any Royalty Owner any obligation to pay for Unit Expense unless such Royalty Owner is otherwise obligated.

15.4 Information to Royalty Owners. Each Royalty Owner shall be entitled to all information in possession of Unit Operator to which such Royalty Owner is entitled by an existing agreement with any Working Interest Owner.

15.5 Appearances. Unit Operator shall have the right to appear for or on behalf of any interests affected hereby before the Land Commissioner, if deemed necessary, the Department, and to appeal from any order issued under the rules and regulations of the Land Commissioner, if deemed necessary, the Department or the Division, or to apply

for relief from any of said rules and regulations or in any proceedings relative to operations before the Land Commissioner, if deemed necessary, the Department or the Division 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.

ARTICLE 16 LAWS AND REGULATIONS

16.1 Laws and Regulations. This Agreement shall be subject to the conservation laws of the State of New Mexico; to the valid rules, regulations, and to all other applicable federal, state, and municipal laws, rules, regulations, and orders.

ARTICLE 17 CONSERVATION

17.1 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.

ARTICLE 18 DRAINAGE

18.1 Drainage. The Unit Operator shall take all reasonable and prudent measures to prevent drainage of Unitized Substances from unitized land by wells on land not subject to this Agreement.

The Unit Operator, upon approval by the Working Interest Owners, the A.O. and the Land Commissioner, if deemed necessary, is hereby empowered to enter into a borderline agreement or agreements with Working Interest Owners of adjoining lands not subject to this Agreement with respect to operation in the border area for the maximum economic recovery, conservation purposes and proper protection of the parties and interest affected.

ARTICLE 19 FORCE MAJEURE

19.1 Force Majeure. All obligations imposed by this Agreement on each party, except for the payment of money, shall be suspended while compliance is prevented, in whole or in part, by a strike, fire, war, civil disturbance, act of God; by federal, state, or municipal laws; by any rule, regulation, or order of a governmental agency; by inability to secure materials; or by any other cause or causes beyond the reasonable control of the party. No party shall be required against its will to adjust or settle any labor dispute. Neither this Agreement nor any lease or other instrument subject hereto shall be terminated by reason of suspension of Unit Operations due to any one or more of the causes set forth in this Article.

ARTICLE 20 EFFECTIVE DATE

20.1 Effective Date. This Agreement shall become binding upon each party as of the date such party signs the instrument by which it becomes a party hereto; and, unless sooner terminated as provided in Article 21, shall become effective as to qualified Tracts at the time and date as determined by the Working Interest Owners in all the qualified

Tracts, and set forth in a certificate filed for record by Unit Operator in Eddy County, New Mexico. The certificate shall also recite the percentage of the Unit Area represented by the Tracts qualified under Article 10, the book and page in which a counterpart of this Agreement has been recorded, and the case number and order number of the order of approval by governmental authority, if obtained. The certificate shall not be filed until after the following requirements have been met:

20.1.1 Tracts comprising eighty-five percent (85%) or more of the Unit Area as shown of the original Exhibit B have qualified under the provisions of Article 10.

20.1.2 At least one counterpart of this Agreement has been filed for record by Unit Operator in Eddy County, New Mexico.

20.2 Ipsa Facto Termination. If the requirements of Article 20 are not accomplished on or before June 30, 1993, this Agreement shall ipso facto terminate on that date (hereinafter called "termination date") and thereafter be of no further effect, unless prior thereto three or more Working Interest Owners owning a combined Unit Participation of at least seventy-five percent (75%) have become parties to this Agreement and have decided to extend the termination date for a period not to exceed one year. If the termination date is so extended and the requirements of Article 20 are not accomplished on or before the extended termination date, this Agreement shall ipso facto terminate on the extended termination date and thereafter be of no further effect. For the purpose of this section, Participation shall be as shown on the original Exhibit A attached to the Unit Operating Agreement.

ARTICLE 21 TERM

21.1 Term. The term of this Agreement shall be for so long as Unitized Substances are produced in paying quantities and as long thereafter as Unit Operations are conducted without a cessation of more than ninety (90) consecutive days, unless sooner terminated by Working Interest Owners in the manner herein provided.

21.2 Termination by Working Interest Owners. This Agreement may be terminated by Working Interest Owners having a combined participation of at least eighty-five percent (85%) whenever such Working Interest Owners determine that Unit Operations are not longer profitable or feasible.

21.3 Effect of Termination. Upon termination of this Agreement, the further development and operation of the Unitized Formation as a unit shall be abandoned, Unit Operations shall cease, and thereafter the parties shall be governed by the provisions of the leases and other instruments affecting the separate Tracts.

21.4 Salvaging Equipment Upon Termination. If not otherwise granted by the leases or other instruments affecting each Tract unitized under this Agreement Royalty Owners hereby grant Working Interest Owners a period of six (6) months after the date of termination of this Agreement within which to salvage and remove Unit Equipment.

ARTICLE 22 EXECUTION

22.1 Original, Counterpart, or Other Instrument. A person may become a party to this Agreement by signing the original of this instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions hereof. The signing of any such instrument shall have the same effect as if all the parties had signed the same instrument.

22.2 Joinder in Dual Capacity. Execution as herein provided by any party as either a Working Interest Owner or a Royalty Owner shall commit all interests that may be owned or controlled by such party.

ARTICLE 23
GENERAL

23.1 Amendments Affecting Working Interest Owners. Amendments hereto relating solely to Working Interest Owners may be made if signed by all Working Interest Owners.

23.2 Action by Working Interest Owners. Any action or approval required by Working Interest Owners hereunder shall be in accordance with the provisions of the Unit Operating Agreement.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the dates opposite their respective signatures.

WORKING INTEREST OWNERS

ATTEST:

HANSON OPERATING COMPANY, INC.

Secretary-Treasurer

By: _____
Ray Willis, Vice-President
Management & Finance

STATE OF NEW MEXICO

COUNTY OF CHAVES

The foregoing instrument was acknowledged before me this ____ day of _____, 1993, by RAY WILLIS, Vice-President, Management & Finance, for HANSON OPERATING COMPANY, INC., a New Mexico corporation, on behalf of said corporation.

Notary Public

My Commission expires:

dr/oil/hanson3.agr

EXHIBIT A

TO UNIT AGREEMENT

SHUGART WATERFLOOD UNIT

Eddy County, New Mexico

TRACT	LEGAL DESCRIPTION	NUMBER OF ACRES	SERIAL NO. & EXPIRATION DATE OF LEASE	BASIC ROYALTY OWNER & PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY PERCENTAGE	WORKING INTEREST OWNER	PERCENTAGE
TRACT 1A	T18S,R30E,SEC.25,W/2SE/4 Eddy County, New Mexico	160.00	NM--025503 Held by Production	United States - 1/8	McBride Oil & Gas Corporation	2.500000%	Hanson-McBride Petroleum Company, a New Mexico Limited Partnership Thomas R. Loffland & Barbara Loffland Middleton, Co-Trustees of the Margaret R. Loffland Trust Barbara Loffland Middleton Tom R. Loffland Samuel S. Spencer McBride Oil & Gas Corporation	22.500000% 5.000000% 5.000000% 12.500000% 50.000000%
TRACT 1B	T18S,R30E,SEC.25,W/2NE/4 Eddy County, New Mexico	160.00	NM--025503 Held by Production	United States - 1/8	McBride Oil & Gas Corporation	2.500000%	Hanson-McBride Petroleum Company, a New Mexico Limited Partnership Thomas R. Loffland & Barbara Loffland Middleton, Co-Trustees of the Margaret R. Loffland Trust Barbara Loffland Middleton Tom R. Loffland Samuel S. Spencer McBride Oil & Gas Corporation	22.500000% 5.000000%
TRACT 2	T18S,R30E,SEC.26,E/2E/2 Eddy County, New Mexico	160.00	NM--025503 Held by Production	United States - 1/8	McBride Oil & Gas Corporation	5.156250%	Hanson-McBride Petroleum Company, a New Mexico Limited Partnership Hanson Operating Company, Inc. Regan S. Sweet Babe Development Co., Inc. McBride Oil & Gas Corporation	10.416250% 2.063750% 2.063750% 25.000000% 60.416250%
TRACT 3	T18S,R30E,SEC.26,W/2NE/4,SW/4SE/4 Eddy County, New Mexico	120.00	NM--025503 Held by Production	United States - 1/8	McBride Oil & Gas Corporation	5.156250%	Hanson-McBride Petroleum Company, a New Mexico Limited Partnership Hanson Operating Company, Inc. Regan S. Sweet Grover N. Shrader Hib Development Company, a Limited Partnership McBride Oil & Gas Corporation	5.093052% 1.018848% 1.018848% 18.287455% 19.488745% 55.093052%
TRACT 4	T18S,R30E,SEC.35,E/2NE/4 Eddy County, New Mexico	80.00	NM--025503 Held by Production	United States - 1/8	McBride Oil & Gas Corporation	2.500000%	McBride Oil & Gas Corporation Hanson-McBride Petroleum Company, a New Mexico Limited Partnership	10.000000% 90.000000%
TRACT 5	T18S,R30E,SEC.25,SW/4,E/2SE/4 Eddy County, New Mexico	240.00	NM-01375 and NM-01375-A Held by Production	United States - 1/8	Manzano Oil Corporation	6.250000%	McBride Oil & Gas Corporation Siete Oil & Gas Corporation Manzano Oil Corporation	33.330000% 33.330000% 33.340000%
TRACT 6	T18S,R31E,SEC.30; Lots 3 & 4 (W/2SW/4), E/2SW/4 Eddy County, New Mexico	151.00	LC--029387(d) Held by Production	United States - 1/8*	T. R. Parker Estate Canadian Kenwood Company	12.500000%	Manzano Oil Corporation Siete Oil & Gas Corporation McBride Oil & Gas Corporation	33.330000% 33.340000% 33.330000%
TOTAL FEDERAL ACRES:		1071.00						

TRACT	LEGAL DESCRIPTION	NUMBER OF ACRES	SERIAL NO. & EXPIRATION DATE OF LEASE	BASIC ROYALTY OWNER & PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY PERCENTAGE	WORKING INTEREST OWNER	PERCENTAGE
TRACT 7	T18S,R30E SEC 26,NW/4SE/4 Eddy County, New Mexico	40.00	No Serial Number Held by Production	Pamela B. Link 1/2 of 1/8 First National Bank 1/2 of 1/8	Donald E. Blackmar	None	McBride Oil & Gas Corporation Hanson-McBride Petroleum Company, a New Mexico Limited Partnership Hanson Operating Company, Inc. Reagan S. Sweet	70.832500% 20.832500% 4.167500% 4.167500%
TOTAL FEE ACREAGE:		40.00						

* Schedule "D" sliding-scale royalty ranging from 12-1/2% to 33-1/3% on oil and from 12-1/2% to 16-2/3% on gas, but for the purpose of this schedule assumed to be 12.5%

RECAPITULATION	
1071 Acres of Federal Land:	96.4%
40 Acres of Fee Land:	3.6%
1111 Acres	100.0%

dr/leue/hansonb

SHUGART WATERFLOOD UNIT

TRACT	LEGAL DESCRIPTION	WELLS	INTEREST OWNER	CALCULATION OF INTEREST	TRACT INTEREST	TRACT FACTOR	NET REVENUE UNIT PARTICIPATION	GROSS UNIT PARTICIPATION	TYPE OF INTEREST
TRACT 1A	W/2SE/4 SECTION 25 Gineberg Fed 1 (SW/4SE/4) Gineberg Fed 2 (NW/4SE/4) Gineberg Fed 16 (NW/4SE/4)		United States of America Anne R. Hyman & Lynne H. Drazin, f/wr Bernard Gluck & Ruth Gluck, f/wr Mary Louise Scott, separate Blanche Stidham, separate Mary Charlene Conlee, Per Rep of the Est of Marie L. Raploch, deceased Hanson-McBride Petroleum Company, a New Mexico Limited Partnership Thomas R. Lofland & Barbara Lofland Middleton, Co-Trustees of the Margaret R. Lofland Trust Barbara Lofland Middleton Tom R. Lofland Samuel S. Spencer McBride Oil & Gas Corporation	12.5%	0.12500000	0.04785558	0.00598195		RI
				1.25%	0.01250000	0.04785558	0.00059819		ORRI
				3/4 of 1.25%	0.00937500	0.04785558	0.00044865		ORRI
				(1/40 of 2.5%) plus (1/40 of 2.5%)	0.00125000	0.04785558	0.00005982		ORRI
				(1/40 of 2.5%)	0.00062500	0.04785558	0.00002991		ORRI
				(1/20 of 2.5%)	0.00125000	0.04785558	0.00005982		ORRI
				(22.5% of 85%)	0.19125000	0.04785558	0.00915238	0.01076751	WI
				(5% of 85%)	0.04250000	0.04785558	0.00203386	0.00239278	WI
				(5% of 85%)	0.04250000	0.04785558	0.00203386	0.00239278	WI
				(12.5% of 85%)	0.10625000	0.04785558	0.00508466	0.00598195	WI
				(50% of 85%)	0.42500000	0.04785558	0.02033862	0.02392778	WI
				TOTAL TRACT 1A:	1.00000000		0.04785558	0.04785558	
TRACT 1B	W/2NE/4 SECTION 25 Gineberg Fed 3 (NW/4NE/4) Gineberg Fed 4 (SW/4NE/4)		United States of America Anne R. Hyman & Lynne H. Drazin, f/wr Bernard Gluck & Ruth Gluck, f/wr Mary Louise Scott, separate Blanche Stidham, separate Mary Charlene Conlee, Per Rep of the Est of Marie L. Raploch, deceased Hanson-McBride Petroleum Company, a New Mexico Limited Partnership Thomas R. Lofland & Barbara Lofland Middleton, Co-Trustees of the Margaret R. Lofland Trust Barbara Lofland Middleton Tom R. Lofland Samuel S. Spencer McBride Oil & Gas Corporation	12.5%	0.12500000	0.10502051	0.01312756		RI
				1.25%	0.01250000	0.10502051	0.00131276		ORRI
				3/4 of 1.25%	0.00937500	0.10502051	0.00098457		ORRI
				(1/40 of 2.5%) plus (1/40 of 2.5%)	0.00125000	0.10502051	0.00013127		ORRI
				(1/40 of 2.5%)	0.00062500	0.10502051	0.00006564		ORRI
				(1/20 of 2.5%)	0.00125000	0.10502051	0.00013128		ORRI
				(22.5% of 85%)	0.19125000	0.10502051	0.02008517	0.02362961	WI
				(5% of 85%)	0.04250000	0.10502051	0.00446337	0.00525103	WI
				(5% of 85%)	0.04250000	0.10502051	0.00446337	0.00525103	WI
				(12.5% of 85%)	0.10625000	0.10502051	0.01115843	0.01312756	WI
				(50% of 85%)	0.42500000	0.10502051	0.04463372	0.05251025	WI
				TOTAL TRACT 1A:	1.00000000		0.10502051	0.10502051	

TRACT	LEGAL DESCRIPTION	WELLS	INTEREST OWNER	CALCULATION OF INTEREST	TRACT INTEREST	TRACT FACTOR	NET REVENUE UNIT PARTICIPATION	GROSS UNIT PARTICIPATION	TYPE OF INTEREST
TRACT 2	E/2E/2 SECTION 26	Gineberg Fed 8 (NE/4NE/4) Gineberg Fed 9 (SE/4NE/4) Gineberg Fed 10 (NE/4SE/4) Gineberg Fed 11 (SE/4SE/4) Gineberg Fed 17 (NE/4NE/4)	United States of America Anne R. Hyman & Lynne H. Drizin, jwrs Bernard Gluck & Ruth Gluck, n/w, jwrs Mary Louise Scott, separate Blanche Sidham, separate Mary Charlene Conlee, Per Rep of the Est of Marie L. Raploch, deceased Gineberg Investments Hanson-McBride Petroleum Company, a New Mexico Limited Partnership Hanson Operating Company, Inc. Reagan S. Sweet Babe Development Co., Inc. McBride Oil & Gas Corporation	12.5%	0.12500000	0.35985674	0.0498209		RI
				1.25%	0.01250000	0.35985674	0.0049821		ORRI
				3/4 of 1.25%	0.00937500	0.35985674	0.00337366		ORRI
				(1/40 of 2.5%) plus (1/40 of 2.5%)	0.00125000	0.35985674	0.0004982		ORRI
				(1/40 of 2.5%)	0.00062500	0.35985674	0.00022491		ORRI
				(1/20 of 2.5%)	0.00125000	0.35985674	0.0004982		ORRI
				2.65625%	0.02656250	0.35985674	0.00955869		ORRI
				(1/2 of 83.33% of 25% of 82.34375%)	0.08577131	0.35985674	0.03086538	0.03748358	WI
				(1/2 of 16.67% of 25% of 82.34375%)	0.01715838	0.35985674	0.00617456	0.00749851	WI
				(1/2 of 16.67% of 25% of 82.34375%)	0.01715838	0.35985674	0.00617456	0.00749851	WI
				(25% of 82.34375%)	0.20565938	0.35985674	0.07407988	0.08996419	WI
				(50% of 82.34375%) plus	0.41171875	0.35985674			WI
				(1/2 of 83.33% of 25% of 82.34375%)	0.08577130	0.35985674	0.17902518	0.21741195	WI
				TOTAL TRACT 2:	1.00000000		0.35985674	0.35985674	
TRACT 3	W/2NE/4, SW/4SE/4 SECTION 26	Gineberg Fed 12 (SW/4SE/4) Gineberg Fed 13 (SW/4NE/4) Gineberg Fed 14 (NW/4NE/4)	United States of America Bernard R. Gineberg & Mary Hannah Gineberg, Co-Trustees of the Bernard R. Gineberg & Mary Hannah Gineberg Trust under Agreement dated January 24, 1985 Bernard R. Gineberg, Trustee of the Mabelle E. Gineberg Trust Created under Agreement dated 1/8/85 Bernard R. Gineberg, Trustee of the Benjamin B. Gineberg Trust under the Last Will and Testament of Benjamin B. Gineberg dated 6/23/78 Anne R. Hyman & Lynne H. Drizin, jwrs Bernard Gluck & Ruth Gluck, n/w, jwrs Mary Louise Scott, separate Blanche Sidham, separate Mary Charlene Conlee, Per Rep of the Est of Marie L. Raploch, deceased Hanson-McBride Petroleum Company, a New Mexico Limited Partnership Hanson Operating Company, Inc. Reagan S. Sweet Crockett N. Shazier Hilo Development Company, a Limited Partnership McBride Oil & Gas Corporation	12.5%	0.12500000	0.14226200	0.01778275		RI
				1.328125%	0.01328125	0.14226200	0.00188042		ORRI
				0.6640625%	0.00664062	0.14226200	0.00094471		ORRI
				0.6640625%	0.00664062	0.14226200	0.00094471		ORRI
				1.25%	0.01250000	0.14226200	0.00177826		ORRI
				3/4 of 1.25%	0.00937500	0.14226200	0.00133371		ORRI
				(1/40 of 2.5%) plus (1/40 of 2.5%)	0.00125000	0.14226200	0.00017783		ORRI
				(1/40 of 2.5%)	0.00062500	0.14226200	0.00008891		ORRI
				(1/20 of 2.5%)	0.00125000	0.14226200	0.00017783		ORRI
				1/2 of 20.37221% of 50% of 82.34375%	0.04193810	0.14226200	0.00586620	0.00724548	WI
				1/2 of 4.07539% of 50% of 82.34375%	0.00838958	0.14226200	0.00119351	0.00144943	WI
				1/2 of 4.07539% of 50% of 82.34375%	0.00838958	0.14226200	0.00119351	0.00144943	WI
				36.57491% of 50% of 82.34375%	0.15058576	0.14226200	0.02142263	0.02601610	WI
				38.97749% of 50% of 82.34375%	0.16047763	0.14226200	0.02282987	0.02772508	WI
TRACT 4	E/2NE/4 SECTION 35	Gineberg Fed 15 (NE/4NE/4)	United States of America Anne R. Hyman & Lynne H. Drizin, jwrs Bernard Gluck & Ruth Gluck, n/w, jwrs Mary Louise Scott, separate Blanche Sidham, separate Mary Charlene Conlee, Per Rep of the Est of Marie L. Raploch, deceased McBride Oil & Gas Corporation Hanson-McBride Petroleum Company	50% of 82.34375% plus	0.41171876	0.14226200			WI
				1/2 of 20.37221% of 50% of 82.34375%	0.04193810	0.14226200	0.06453813	0.07837648	WI
				TOTAL TRACT 3:	1.00000000		0.14226200	0.14226200	
				12.5%	0.12500000	0.01974462	0.00246808		RI
				1.25%	0.01250000	0.01974462	0.00024681		ORRI
				3/4 of 1.25%	0.00937500	0.01974462	0.00018511		ORRI
				(1/40 of 2.5%) plus (1/40 of 2.5%)	0.00125000	0.01974462	0.00002468		ORRI
				(1/40 of 2.5%)	0.00062500	0.01974462	0.00001234		ORRI
				(1/20 of 2.5%)	0.00125000	0.01974462	0.00002468		ORRI
				85.0% x 10.0%	0.08500000	0.01974462	0.00167829	0.00197446	WI
				85.0% x 90.0%	0.76500000	0.01974462	0.01510463	0.01777016	WI
				TOTAL TRACT 4:	1.00000000		0.01974462	0.01974462	

TRACT	LEGAL DESCRIPTION	WELLS	INTEREST OWNER	CALCULATION OF INTEREST	TRACT INTEREST	TRACT FACTOR	NET REVENUE UNIT PARTICIPATION	GROSS UNIT PARTICIPATION	TYPE OF INTEREST			
TRACT 5	SW1/4, E/2SE1/4 SECTION 25	Kenath Fed #1 Kenath Fed #2 Kenath Fed #3 Kenath Fed #4 Kenath Fed #5 Lanning Fed #1 Lanning Fed #2 Lanning Fed #3 Lanning Fed #4 Ute Federal #1	United States of America	12.5%	0.12500000	0.25128533	0.03141067		RI			
			Barbara Kiuse Frankenfield, married dealing in her sole & separate prop.	0.69444%	0.00694444	0.25128533	0.00174504		ORRI			
			Sandra Leigh Terry, married dealing in her sole & separate property	0.69444%	0.00694444	0.25128533	0.00174504		ORRI			
			Susan Lynn Terry, married dealing in her sole & separate property	0.69444%	0.00694443	0.25128533	0.00174503		ORRI			
			Mr. Karl Hegeler, married dealing in his sole & separate property	(1/2 of 1/4 of 0.0052083)	0.00065104	0.25128533	0.00016360		ORRI			
			Mrs. Karl Hegeler, married dealing in her sole & separate property	(1/2 of 1/4 of 0.0052083)	0.00065104	0.25128533	0.00016360		ORRI			
			First Baptist Church of Artesia	(1/4 of 0.0052083)	0.00130208	0.25128533	0.00032719		ORRI			
			Immanuel Lutheran Church of Artesia	(1/4 of 0.0052083)	0.00130208	0.25128533	0.00032719		ORRI			
			St. Paul's Protestant Episcopal Church of Artesia	(1/4 of 0.0052083)	0.00130208	0.25128533	0.00032719		ORRI			
			Julia R. Kenath	(1/3 of 1/16)	0.02083338	0.25128533	0.00523512		ORRI			
			Sally R. Lanning	(1/12 of 1/16)	0.00520833	0.25128533	0.00130878		ORRI			
			Jean A. Nelson, Personal Rep of the Estate of Ruby P. Prior, dec	(1/12 of 1/16)	0.00520833	0.25128533	0.00130878		ORRI			
			Deirdre Jean Joyce, a single woman	(1/12 of 1/16)	0.00520833	0.25128533	0.00130877		ORRI			
			McBride Oil & Gas Corporation	(33.33% of 81.5%)	0.27080625	0.25128533	0.06804964	0.08375340	WI			
			Siete Oil & Gas Corporation	(33.33% of 81.5%)	0.27080625	0.25128533	0.06804964	0.08375340	WI			
			Manzano Oil Corporation	(33.34% of 81.5%)	0.27088750	0.25128533	0.06807005	0.08377853	WI			
TOTAL TRACT 5:					1.00000000		0.25128533					
TRACT 6	Lots 3 and 4 (W/2SW1/4), E/2SW1/4 SECTION 30	Kenwood Fed #1 (SESW) Kenwood Fed #2 (SWSW) Kenwood Fed #3 (NWSW) Kenwood Fed #4 (NESW) Kenwood Fed #5 (NESW) Kenwood Fed #6 (SWSW) Pueblo Fed #1	United States of America*	12.5%	0.12500000	0.01904093	0.00238012		RI			
			William G. Parker, Nancy Parker Strong and Sylvia S. Voorhies, Trustees of the Testamentary Trusts created under Article V of the Last Will and Testament of T. R. Parker, Deceased	3.375%	0.03375000	0.01904093	0.00064263		ORRI			
			Canadian Kenwood Company, a Minnesota Limited Partnership	9.125%	0.09125000	0.01904093	0.00173748		ORRI			
			Manzano Oil Corporation	33.33% X 75%	0.24997500	0.01904093	0.00475976	0.00634825	WI			
			McBride Oil & Gas Corporation	33.33% X 75%	0.24997500	0.01904093	0.00475976	0.00634634	WI			
			Siete Oil & Gas Corporation	33.34% X 75%	0.25005000	0.01904093	0.00476118	0.00634634	WI			
			TOTAL TRACT 6:					1.00000000		0.01904093		
			TRACT 7	NW1/4SE1/4 SECTION 26	Beneon #1	Donald E. Blackmar Testamentary Trust Trustees are Pamela B. Link and J. E. Cieslinski	50% of 12.5%	0.06250000	0.05493429	0.00343339		RI
						First National Bank of Pecos, Texas	50% of 12.5%	0.06250000	0.05493429	0.00343339		RI
						McBride Oil & Gas Corporation	50% of 87.5% plus	0.43750000	0.05493429	0.03404741	0.03891133	WI
	50% of 83.33% of 50% of 87.5%	0.18228438				0.05493429	0.01001366	0.01144419	WI			
	50% of 83.33% of 50% of 87.5%	0.18228438				0.05493429	0.01001366	0.01144419	WI			
Hanson-McBride Petroleum Company, a New Mexico Limited Partnership	50% of 16.67% of 50% of 87.5%	0.03646562				0.05493429	0.00200322	0.00228939	WI			
Hanson Operating Company, Inc.	50% of 16.67% of 50% of 87.5%	0.03646562				0.05493429	0.00200322	0.00228938	WI			
Reagan S. Sweet												
TOTAL TRACT 7:						1.00000000		0.05493429				

* Schedule "D" sliding-scale royalty ranging from 12-1/2% to 33-1/3% on oil and from 12-1/2% to 16-2/3% on gas, but for the purpose of this schedule assumed to be 12.5%

dr/foiue/hareval.wkt

SHUGART WATERFLOOD UNIT UNIT WORKING INTEREST

WORKING INTEREST OWNER	TRACT 1A	TRACT 1B	TRACT 2	TRACT 3	TRACT 4	TRACT 5	TRACT 6	TRACT 7	UNIT TOTAL
Barbara Loffland Middleton	0.00239278	0.00525103							0.00764381
Grover N. Shrader				0.02601610					0.02601610
Hanson Operating Company, Inc.			0.00749851	0.00144943				0.00228939	0.01123733
Hanson-McBride Petroleum Company, a New Mexico Limited Partnership	0.01076751	0.02362961	0.03748358	0.00724548	0.01777016			0.01144419	0.10834053
Hilo Development Company, a Limited Partnership				0.02772508					0.02772508
Manzano Oil Corporation						0.08377853	0.00634825		0.10000000 *
Siete Oil & Gas Corporation						0.08375340	0.00634634		0.10000000 *
McBride Oil & Gas Corporation	0.02392778	0.05251025	0.21741195	0.07837648	0.00197446	0.08375340	0.00634634	0.03891133	0.48343851 *
Reagan S. Sweet			0.00749851	0.00144943				0.00228938	0.01123732
Samuel S. Spencer	0.00598195	0.01312756							0.01910951
Thomas R. Loffland & Barbara Loffland Middleton, Co-Trustees of the Margaret R. Loffland Trust	0.00239278	0.00525103							0.00764381
Tom R. Loffland	0.00239278	0.00525103							0.00764381
Babe Development Co., Inc.			0.08996419						0.08996419
TRACT TOTALS:	0.04785558	0.10502051	0.35985674	0.14226200	0.01974462	0.25128533	0.01904093	0.05493429	1.00000000

* By Agreement dated 1/24/92, Manzano Oil Corporation and Siete Oil & Gas Corporation are to own a 10% Gross Working Interest in the present Unit Area and McBride Oil & Gas Corporation's interest has been decreased in order to solely bear the increased working interest to Manzano and Siete.

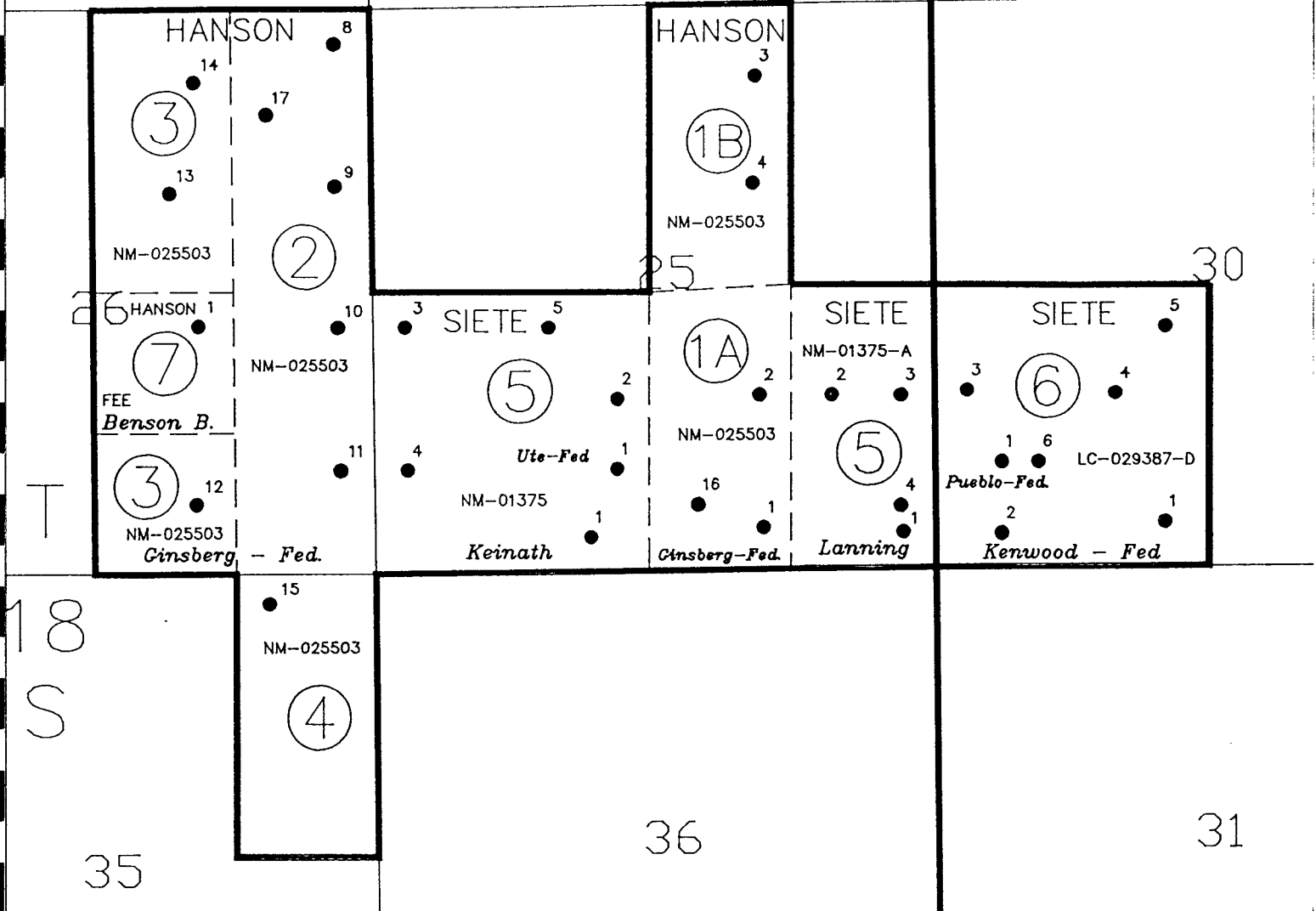
d:\r\lue\hanson\w\l.wkt

EXHIBIT A-1

TRACT	DESCRIPTION
TRACT 1	W/2E/2 Section 25, Township 18 South, Range 30 East, NMPM, containing Ginsberg Federal Number 1, 2, 3, 4, and 16 Wells
TRACT 2	E/2E/2 Section 26, Township 18 South, Range 30 East, NMPM, containing Ginsberg Federal Number 8, 9, 10, 11, and 17 Wells
TRACT 3	W/2NE/4, SW/4SE/4 Section 26, Township 18 South, Range 30 East, NMPM, containing Ginsberg Federal Number 12, 13, and 14 Wells
TRACT 4	E/2NE/4 Section 35, Township 18 South, Range 30 East, NMPM, containing Ginsberg Federal Number 15 Well
TRACT 5	SW/4, E/2SE/4 Section 25, Township 18 South, Range 30 East, NMPM, containing Keinath Federal Number 1, 2, 3, 4, and 5 Wells, Ute Federal Number 1 Well, and Lanning Federal Number 1, 2, 3, and 4 Wells
TRACT 6	Lots 3 and 4 (W/2SW/4), E/2SW/4 Section 30, Township 18 South, Range 31 East, NMPM, containing Manzano Oil Corporation - Kenwood Federal Wells Numbers 1, 2, 3, 4, 5, and 6, and Pueblo Federal Number 1 Well
TRACT 7	NW/4SE/4 Section 26, Township 18 South, Range 30 East, NMPM, containing Benson "B" #1 Fee Well

R 30 E

R 31 E



UNIT AREA BOUNDARY

② TRACT NUMBER

	ACRES	PERCENTAGE
STATE LAND	-0-	0%
FEDERAL LAND	1071	96.4%
FEE LAND	40	3.6%
TOTAL	1,111	100.0%

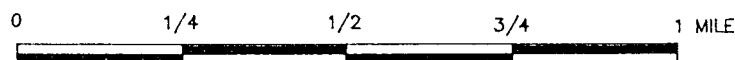
HANSON OPERATING
COMPANY, INC.

SHUGART WATERFLOOD
UNIT AREA PLAT

HANSON - SIETE - MANZANO

SHUGART FIELD
EDDY COUNTY, NEW MEXICO

EXHIBIT B



SCALE

**UNIT OPERATING AGREEMENT
SHUGART WATERFLOOD UNIT
EDDY COUNTY, NEW MEXICO**

THIS AGREEMENT, entered into as of the 1st day of December, 1992, by the parties who have signed the original of this instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions hereof;

WITNESSETH:

WHEREAS, the parties hereto as Working Interest Owners have executed, as of the date hereof, a Unit Agreement, entitled "Shugart Waterflood Unit, Eddy County, New Mexico", herein referred to as "Unit Agreement", which, among other things, provides for a separate agreement to be entered into by Working Interest Owners to provide for the development and operation of the Unit Area as therein defined;

NOW THEREFORE, in consideration of the mutual agreements herein set forth, it is agreed as follows:

**ARTICLE 1
CONFIRMATION OF UNIT AGREEMENT**

1.1 Confirmation of Unit Agreement. The Unit Agreement is hereby confirmed and by reference made a part of this Agreement. The definitions in the Unit Agreement are adopted for all purposes of this Agreement. If there is any conflict between the Unit Agreement and this Agreement, the Unit Agreement shall govern.

**ARTICLE 2
EXHIBITS**

2.1 Exhibits. The following exhibits are incorporated herein by reference:

2.1.1 Exhibits A, A-1 and B of the Unit Agreement.

2.1.2 Exhibit C, attached hereto, which is the Accounting Procedure applicable to Unit Operations. If there is any conflict between this Agreement and Exhibit C, this Agreement shall govern.

2.1.3 Exhibit D, which states the insurance coverages to be maintained pursuant to this Agreement.

2.1.4 Exhibit E, which is the Certificate of Compliance pursuant to the Code of Federal Regulations.

2.1.5 Exhibit F, which is a Notice of Unit Operating Agreement Lien which all parties by execution or ratification of this Agreement agree shall be placed of record and binding upon their interest.

2.1.6 Exhibit G, which is a Gas Balancing Agreement that all parties agree will govern gas production and distribution of proceeds.

2.2 Revision of Exhibits. Unit Operator shall revise Exhibit A from time to time as required to conform to changes in ownership of which Unit Operator has been notified as provided in the Unit Agreement.

ARTICLE 3
SUPERVISION OF OPERATIONS BY WORKING INTEREST OWNERS

3.1 Overall Supervision. Working Interest Owners shall exercise overall supervision and control of all matters pertaining to Unit Operations pursuant to this Agreement and the Unit Agreement. In the exercise of such authority, each Working Interest Owner shall act solely in its own behalf in the capacity of an individual owner and not on behalf of the owners as an entirety.

3.2 Specific Authorities and Duties. The matters with respect to which the Working Interest Owners shall decide and take action shall include, but not be limited to, the following:

3.2.1 Method of Operation. The method of operation, including any type of pressure maintenance, secondary recovery, or other recovery program to be employed.

3.2.2 Drilling of Wells. The drilling of any well whether for production of Unitized Substances, for use as an injection well, or for other purposes.

3.2.3 Well Recompletions and Change of Status. The recompletion, abandonment, or change of status of any well, or the use of any well for injection or other purposes.

3.2.4 Expenditures. The making of any single expenditure in excess of Fifty Thousand Dollars (\$50,000.00); provided that approval by Working Interest Owners of the drilling, reworking, deepening, or plugging back of any well shall include approval of all necessary expenditures required therefor, and for completing, testing, and equipping the same, including necessary flow lines, separators, and lease tankage.

3.2.5 Disposition of Unit Equipment. The selling or otherwise disposing of any major item of surplus Unit Equipment, if the current list price of new equipment similar thereto is Twenty-Five Thousand Dollars (\$25,000.00) or more.

3.2.6 Appearance Before a Court or Regulatory Agency. The designating of a representative to appear before any court or regulatory agency in matters pertaining to Unit Operations; provided that such designation shall not prevent any Working Interest Owner from appearing in person or from designating another representative in its own behalf.

3.2.7 Audits. The auditing of the accounts of Unit Operator pertaining to Unit Operations hereunder; provided that the audits shall:

3.2.7.1 not be conducted more than once each year except upon the resignation or removal of Unit Operator;

3.2.7.2 be made at the sole expense of the Working Interest Owner or Owners, jointly and severally, requesting same; and

3.2.7.3 be made upon not less than thirty (30) days written notice to Unit Operator.

3.2.8 Inventories. The taking of periodic inventories under the terms of Exhibit C.

3.2.9 Technical Services. The authorizing of charges to the joint account for services by consultants or Unit Operator's technical personnel not covered by the overhead charges provided by Exhibit C.

3.2.10 Assignments to Committees. The appointment of committees to study any problems in connection with Unit Operations.

3.2.11 Removal. The removal of Unit Operator and the selection of a successor.

3.2.12 Enlargement. The enlargement or contraction of the Unit Area.

3.2.13 Adjustment. The adjustment and readjustment of investments.

3.2.14 Termination. The termination of the Unit Agreement.

ARTICLE 4 MANNER OF EXERCISING SUPERVISION

4.1 Designation of Representatives. Each Working Interest Owner shall, in writing, inform Unit Operator of the names and addresses of the representatives and alternates who are authorized to represent and bind such Working Interest Owner with respect to Unit Operations. The representative or alternate may be changed from time to time by written notice to Unit Operator.

4.2 Meetings. All meetings of Working Interest Owners shall be called by Unit Operator upon its own motion or at the request of one or more Working Interest Owners, having a total Unit Participation of not less than ten percent (10%). No meeting shall be called on less than fourteen (14) days advance written notice with agenda for the meeting attached. Working Interest Owners who attend the meeting shall not be prevented from amending items included in the agenda or from deciding the amended item or other items presented at the meeting. The representative of Unit Operator shall be chairman of each meeting.

4.3 Voting Procedure. Working Interest Owners shall decide all matters coming before them as follows:

4.3.1 Voting Interest. Each Working Interest Owner shall have a voting interest equal to its Unit Participation.

4.3.2 Vote Required. Unless otherwise provided herein or in the Unit Agreement, all matters shall be decided by an affirmative vote of sixty-five percent (65%) or more voting interest; provided that, should any one Working Interest Owner have more than fifty percent (50%) voting interest, its vote must be supported by the vote of two or more Working Interest Owners having a combined voting interest of at least ten percent (10%).

4.3.3 Vote at Meeting by Non-Attending Working Interest Owner. Any Working Interest Owner who is not represented at a meeting may vote by letter or telegram addressed to the representative of the Unit Operator if its vote is received prior to the vote on the item.

4.3.4 Poll Votes. Working Interest Owners may vote on and decide, by letter or telegram, any matter submitted in writing to Working Interest Owners, if no meeting is requested, as provided in Section 4.2, within seven (7) days after the proposal is sent to Working Interest Owners. Unit Operator will give prompt notice of the results of the voting to all Working Interest Owners.

ARTICLE 5 INDIVIDUAL RIGHTS OF WORKING INTEREST OWNERS

5.1 Reservation of Rights. Working Interest Owners severally reserve to themselves all their rights, except as otherwise provided in this Agreement and the Unit Agreement.

5.2 Specific Rights. Each Working Interest Owner shall have, among others, the following specific rights:

5.2.1 Access to Unit Area. Access to the Unit Area at all reasonable times to inspect Unit Operations, all wells, and the records and data pertaining thereto.

5.2.2 Reports. The right to receive from Unit Operator copies of all reports to any governmental agency, reports of crude oil runs and stocks, inventory reports, and all other information pertaining to Unit

Operations. The cost of gathering and furnishing information not ordinarily furnished by Unit Operator to all Working Interest Owners shall be charged to the Working Interest Owner who requests the information.

ARTICLE 6 UNIT OPERATOR

6.1 Unit Operator. Hanson Operating Company, Inc. is hereby designated as Unit Operator.

6.2 Resignation or Removal. Unit Operator may resign at any time by giving notice thereof in writing to Working Interest Owners. Working Interest Owners may remove Unit Operator if it fails or refuses to carry out its duties hereunder or files bankruptcy by the affirmative vote of at least sixty-five percent (65%) of the voting interest remaining after excluding the voting interest of Unit Operator. Such resignation or removal shall not become effective until three (3) months after the resignation or discharge, unless a successor Unit Operator has taken over Unit Operations prior to the expiration of such period.

6.3 Selection of Successor. Upon the resignation or removal of a Unit Operator, a successor Unit Operator shall be selected by Working Interest Owners. If the Unit Operator that is removed fails to vote or votes only to succeed itself, the successor Unit Operator may be selected by the affirmative vote of at least sixty-five percent (65%) of the voting interest remaining after excluding the voting interest of the Unit Operator that was removed.

ARTICLE 7 AUTHORITIES AND DUTIES OF UNIT OPERATOR

7.1 Exclusive Right to Operate Unit. Subject to the provisions of this Agreement and to instructions from Working Interest Owners, Unit Operator shall have the exclusive right and be obligated to conduct Unit Operations.

7.2 Workmanlike Conduct. Unit Operator shall conduct Unit Operations in good and workmanlike manner as would a prudent operator under the same or similar circumstances. Unit Operator shall freely consult with Working Interest Owners and keep them informed of all matters which Unit Operator, in the exercise of its best judgment, considers important. Unit Operator shall not be liable to Working Interest Owners for losses sustained, liabilities incurred, or damages, unless such result from its gross negligence or willful misconduct.

7.3 Liens and Encumbrances. Unit Operator shall endeavor to keep the lands and leases in the Unit Area free from all liens and encumbrances occasioned by Unit Operations, except the lien granted hereunder.

7.4 Employees. The number of employees used by Unit Operator in conducting Unit Operations, their selection, hours of labor, and compensation shall be determined by Unit Operator. Such employees shall be the employees of Unit Operator.

7.5 Records. Unit Operator shall keep accurate and complete books, accounts, and records of Unit Operations.

7.6 Reports to Working Interest Owners. Unit Operator shall furnish to Working Interest Owners periodic reports of Unit Operations.

7.7 Reports to Governmental Authorities. Unit Operator shall make all reports to governmental authorities that it has the duty to make as Unit Operator.

7.8 Engineering and Geological Information. Unit Operator shall furnish to a Working Interest Owner, upon written request, a copy of the log and other engineering and geological data pertaining to wells drilled for Unit Operations.

7.9 Expenditures. Unit Operator is authorized to make single expenditures not in excess of Fifty Thousand Dollars (\$50,000.00) without prior approval of Working Interest Owners. If an emergency occurs, Unit Operator may

immediately make or incur such expenditures as in its opinion are required to deal with the emergency. Unit Operator shall report to Working Interest Owners, as promptly as possible, the nature of the emergency and the action taken.

7.10 Wells Drilled by Unit Operator. All wells drilled by Unit Operator shall be at the usual rates prevailing in the area. Unit Operator may employ its own tools and equipment, but the charge therefor shall not exceed the prevailing rate in the area, and the work shall be performed by Unit Operator under the same terms and conditions as are usual in the area in contracts of independent contractors doing work of a similar nature.

ARTICLE 8 TAXES

8.1 Ad Valorem Taxes. Unit Operator shall make and file all necessary ad valorem tax renditions and returns with the proper taxing authorities covering all real and personal property of each Working Interest Owner used or held by Unit Operator in Unit Operations. Unit Operator shall settle assessments arising therefrom. All such ad valorem taxes shall be paid by Unit Operator and charged to the joint account.

8.2 Other Taxes. Each Working Interest Owner shall pay or cause to be paid all production, severance, gathering, and other taxes imposed upon or in respect to the production or handling of its share of Unitized Substances.

ARTICLE 9 INSURANCE

9.1 Insurance. Unit Operator, with respect to Unit Operations, shall do the following:

9.1.1 Carry Workmen's Compensation insurance in accordance with the Laws of the State of New Mexico.

9.1.2 Unit Operator shall carry insurance for the joint account of the parties hereto. Any party may, at its own expense, acquire such insurance as it deems proper to protect itself against any claims, losses, damages or destruction resulting from Unit Operations. The insurance provided by Unit Operator is attached as Exhibit D.

9.1.3 Unit Operator shall require all contractors engaged in work in or on the Unit Area to carry insurance for the benefit and protection of the Working Interest Owners consistent with Unit Operator's minimum requirements.

ARTICLE 10 ADJUSTMENT OF INVESTMENTS

10.1 Personal Property Taken Over. Upon the Effective Date hereof, Working Interest Owners shall deliver to Unit Operator the following:

10.1.1 Wells and Casing. All wells located within the Unit Area, together with the casing therein.

10.1.2 Well and Lease Equipment. The tubing in each such well, the wellhead connections thereon, and all other lease and operating equipment that is used in the operation of such wells which Working Interest Owners determine is necessary or desirable for conducting Unit Operations.

10.1.3 Records. A copy of all production and well records that pertain to such wells.

Execution or ratification of this Agreement by Working Interest Owners signifies granting of such interest upon the Effective Date, subject to Section 10.5 below.

10.2 Inventory and Evaluation of Personal Property. Working Interest Owners shall, at Unit Expense, inventory and evaluate, in accordance with the provisions of Exhibit C, the personal property taken over.

10.3 Investment Adjustment. Upon approval by Working Interest Owners of the inventory and evaluation, each Working Interest Owner shall be credited with the value of its interest in all personal property taken over under Section 10.1.2, and shall be charged with an amount equal to that obtained by multiplying the total value of all personal property taken over under Section 10.1.2 by such Working Interest Owner's Unit Participation. If the charge against any Working Interest Owner is greater than the amount credited to such Working Interest Owner, the resulting net charge shall be an item of Unit Expense chargeable against such Working Interest Owner. If the credit to any Working Interest Owner is greater than the amount charged against such Working Interest Owner, the resulting net credit shall be paid to such Working Interest Owner by Unit Operator out of funds received by it in settlement of the net charges described above or reflected as a credit on such Working Interest Owner's account.

10.4 General Facilities. The acquisition of warehouses, warehouse stocks, lease houses, camps, facility systems, and office buildings necessary for Unit Operations shall be by negotiation by the owners thereof and Unit Operator, subject to the approval of Working Interest Owners.

10.5 Ownership of Personal Property and Facilities. Each Working Interest Owner, individually, shall by virtue hereof own an undivided interest, equal to its Unit Participation, in all personal property and facilities taken over or otherwise acquired by Unit Operator pursuant to this Agreement.

ARTICLE 11 UNIT EXPENSE

11.1 Basis of Charge to Working Interest Owners. Unit Operator initially shall pay all Unit Expense. All charges, credits and accounting for Unit Expense shall be in accordance with Exhibit C. Each Working Interest Owner shall reimburse the Unit Operator for its share of Unit Expense as follows:

11.1.1 Beginning at 7:00 o'clock a.m. on the Effective Date hereof, all operating expenses shall be shared by Working Interest Owners in accordance with their applicable Unit Participation which is in effect at the time such expense is incurred.

11.2 Budgets. Before or as soon as practical after the Effective Date hereof, Unit Operator shall prepare a budget of estimated Unit Expenses for the remainder of the calendar year, and, on or before the first day of each February thereafter, shall prepare such budget for the ensuing calendar year. A budget shall set forth the estimated Unit Expense by quarterly periods. Budgets shall be estimates only, and shall be adjusted or corrected by Working Interest Owners and Unit Operator whenever an adjustment or correction is proper. A copy of each budget and adjusted budget shall promptly be furnished to each Working Interest Owner.

11.3 Advance Billings. Unit Operator shall have the right to require Working Interest Owners to advance their respective shares of estimated Unit Expense by submitting to Working Interest Owners, on or before the 15th day of any month, an itemized estimate thereof for the succeeding month, with a request for payment in advance. Within fifteen (15) days thereafter, each Working Interest Owner shall pay to Unit Operator its share of such estimate. Adjustments between estimated and actual Unit Expense shall be made by Unit Operator at the close of each calendar month, and the accounts of Working Interest Owners shall be adjusted accordingly.

11.4 Commingling of Funds. No funds received by Unit Operator under this Agreement need to be segregated or maintained by it as a separate fund, but may be commingled with its own funds.

11.5 Lien of Unit Operator Penalty. Each Non-Operator grants to Operator a lien upon its oil and gas rights in the Contract Area, and a security interest in its share of oil and/or gas when extracted and its interest in all equipment, to secure payment of its share of expense, together with interest thereon at the rate provided in Exhibit C. To the extent that Operator has a security interest under the Uniform Commercial Code of the state, Operator shall be entitled to exercise the rights and remedies of a secured party under the Code. The bringing of a suit and the obtaining of judgment by Operator for the secured indebtedness shall not be deemed an election of remedies or otherwise affect the lien rights or security interest as security for the payment thereof. In addition, upon default by any Non-Operator in the payment of its share of expense, Operator shall have the right, without prejudice to other rights or remedies, to collect from the purchaser the proceeds from the sale of such Non-Operator's share of oil and/or gas until the amount owed by such Non-

Operator, together with a penalty of 200% of such Non-Operator's proportionate share of expenses plus interest has been paid. Each purchaser shall be entitled to rely upon Operator's written statement concerning the amount of any default. Operator grants a like lien and security interest to the Non-Operators to secure payment of Operator's proportionate share of expense.

By execution or ratification of this Agreement, Working Interest Owners authorize the recording and filing of Exhibit F giving notice of the lien rights and security interest set forth above.

11.6 Unpaid Unit Expense. If any Working Interest Owner fails to pay its share of Unit Expense within sixty (60) days after rendition of a statement therefor by Unit Operator, each Working Interest Owner agrees, upon request by Unit Operator, to pay its proportionate part of the unpaid share of Unit Expense of the defaulting Working Interest Owner. The Working Interest Owners that pay the share of Unit Expense of a defaulting Working Interest Owner shall be reimbursed by the Unit Operator for the amount so paid, plus any interest and/or penalty collected thereon, upon receipt by Unit Operator of any past due amount collected from the defaulting Working Interest Owner. Any Working Interest Owner so paying a defaulting Working Interest Owner's share of Unit Expense shall be subrogated to the lien and rights herein granted Unit Operator.

11.7 Uncommitted Royalty. Should an owner of a Royalty Interest in any Tract fail to become a party to the Unit Agreement, and, as a result thereof, the actual Royalty Interest payments with respect to such Tract are more or less than the Royalty Interest payments computed on the basis of the Unitized Substances that are allocated to such Tract under the Unit Agreement, the difference shall be borne by or inure to the benefit of Working Interest Owners in proportion to their respective Unit Participation; provided, however, that in the event a Tract is qualified as a result of the execution of the indemnity provided by Section 9.1.2 of the Unit Agreement, the Working Interest Owner executing such indemnity shall bear the burden or take the benefits of such differences in royalty payments in the same proportion and to the same extent that such Working Interest is obligated by such indemnity with respect to the claims and demands referred to in said Section 9.1.2.

ARTICLE 12 NON-UNITIZED FORMATIONS

12.1 Right to Operate. Any Working Interest Owner that now has or hereafter acquires the right to drill for and produce oil, gas, or other minerals from other than the Unitized Formation, shall have the right to do so notwithstanding this Agreement or the Unit Agreement. In exercising the right, however, the Working Interest Owner shall exercise reasonable precaution to prevent unreasonable interference with Unit Operations. No Working Interest Owners shall produce Unitized Substances through any well drilled or operated by it. If any Working Interest Owner drills any well into or through the Unitized Formation, the Unitized Formation shall be protected in a manner satisfactory to Working Interest Owners so that the production of Unitized Substances will not adversely be affected.

ARTICLE 13 TITLES

13.1 Warranty and Indemnity. Each Working Interest Owner represents and warrants that it is the owner of the respective working interests set forth opposite its name in Exhibit A, and hereby agrees to indemnify and hold harmless the other Working Interest Owners for any loss due to failure, in whole or in part, of its title to any such interest except failure of title arising out of Unit Operations; provided that such indemnity shall be limited to an amount equal to the net value that has been received from the sale or receipt of Unitized Substances attributed to the interest as to which title failed. Each failure of title will be deemed to be effective, insofar as this Agreement is concerned, as of the first day of the calendar month in which such failure is finally determined, and there shall be no retroactive adjustment of Unit Expense, or retroactive allocation of Unitized Substances or the proceeds therefrom, as a result of title failure.

13.2 Failure Because of Unit Operations. The failure of title to any working interest in any Tract by reason of Unit Operations, including non-production from such Tract, shall not change the Unit Participation of the Working Interest Owner whose title failed in relation to the Unit Participation of the other Working Interest Owners at the time of the title failure.

13.3 Waiver of Right to Partition. Each Lessee and Working Interest Owner hereto agrees that, during the existence of this Agreement, it will not resort to any action to partition the interval of the Unitized Formation hereunder or the Unit Equipment, and to that extent waives the benefits of all laws authorizing such partition.

13.4 Notice of Transfer of Title. No change of title shall be binding on the Unit or Unit Operator until the first day of the calendar month next succeeding the date of receipt by Unit Operator of evidence, satisfactory to it, of such change of ownership. Each such transfer, assignment or conveyance, whether so stating or not, shall operate to impose upon the party or parties acquiring such interest the obligation of the predecessor in interest with respect to the interest so transferred and shall likewise operate to give and grant to the party or parties acquiring such interest all benefits attributable hereunder to such interest.

ARTICLE 14 LIABILITY, CLAIMS, AND SUITS

14.1 Individual Liability. The duties, obligations, and liabilities of Working Interest Owners shall be several and not joint or collective; and nothing herein contained shall ever be construed as creating a partnership of any kind, joint venture, association, or trust among Working Interest Owners.

14.2 Settlements. Unit Operator may settle any single damage claim or suit involving Unit Operations but not involving an expenditure in excess of Ten Thousand Dollars (\$10,000.00); provided the payment is in complete settlement of such claim or suit. If the amount required for settlement exceeds the above-specified amount, Working Interest Owners shall assume and take over the further handling of the claim or suit unless such authority is expressly delegated to Unit Operator. All costs and expense of handling, settling, or otherwise discharging such claim or suit shall be an item of Unit Expense. If a claim is made against any Working Interest Owner or if any Working Interest Owner is sued on account of any matter arising from Unit Operations and over which such Working Interest Owner individually has no control because of the rights given Working Interest Owners and Unit Operator by this Agreement and the Unit Agreement, the Working Interest Owner shall immediately notify the Unit Operator, and the claim or suit shall be treated as any other claim or suit involving Unit Operations.

14.3 Force Majeure. Any obligation imposed by this Agreement on each party, except for the payment of money, shall be suspended while compliance therewith is prevented, in whole or in part, by a strike, fire, war, civil disturbance, act of God; by Federal, state or municipal laws; by any rule, regulation or order of a governmental agency; by inability to secure materials or by any other cause beyond the reasonable control of such party. No party shall be required against its will to adjust or settle any labor dispute. Neither this Agreement nor any lease or other instrument subject hereto shall be terminated by reason of the suspension of Unit Operations due to any of the causes set forth in this Section.

ARTICLE 15 INTERNAL REVENUE PROVISION

15.1 Internal Revenue Provision. Each Working Interest Owner hereby elects that it and the operations covered by this Agreement be excluded from the application of Subchapter K of Chapter 1 of Sub-title A of the Internal Revenue Code of 1954, or such portion thereof as the Secretary of Treasury of the United States or his delegate shall permit by election to be excluded therefrom. Unit Operator is hereby authorized and directed to execute on behalf of each Working Interest Owner such additional or further evidence of the election as may be required by regulations issued under said Subchapter K. Should the regulations require each party to execute such further evidence, each Working Interest Owner agrees to execute or join in the execution thereof. The election hereby made and the other provisions of this paragraph shall apply in like manner to applicable state laws, regulations, and rulings now in effect or hereafter enacted that have an effect similar to the federal provisions referred to herein.

ARTICLE 16

NOTICES

16.1 Notices. All notices required hereunder shall be in writing and shall be deemed to have been properly served when sent by mail, telegram, or telefax to the address of the representative of each Working Interest Owner as furnished to Unit Operator in accordance with Article 4 hereof.

ARTICLE 17

WITHDRAWAL OF WORKING INTEREST OWNER

17.1 Withdrawal. A Working Interest Owner may withdraw from this Agreement by transferring, without warranty of title, either express or implied, to the other Working Interest Owners who do not desire to withdraw, all of its Oil and Gas Rights, together with its interest in all Unit Equipment, and in all wells used in Unit Operations. Such transfer shall not relieve said Working Interest Owner from any obligation or liability incurred prior to the date of delivery of the transfer, which delivery may be made to Unit Operator as Agent for the transferees. The interest transferred shall be owned by the transferees in proportion to their respective Unit Participation. The transferees, in proportion to the respective interests so acquired, shall pay transferor for its interest in Unit Equipment, the fair salvage value thereof as estimated and fixed by Working Interest Owners, less the cost of abandoning said wells. Should the cost to abandon be greater than the salvage value, then the party desiring to withdraw shall pay the difference to the Unit Operator at such time as the assignment is delivered. After the date of delivery of the transfer, the withdrawing Working Interest Owner shall be relieved from all further obligations and liability hereunder and under the Unit Agreement, and the rights of such Working Interest Owner hereunder and under the Unit Agreement shall cease insofar as they existed by virtue of the interest transferred.

17.2 Limitation on Withdrawal. Notwithstanding anything set forth in Article 17.1, Working Interest Owners may refuse to permit withdrawal of a Working Interest Owner if its working interest is burdened by any royalties, overriding royalties, production payments, net proceeds interest, carried working interest, or any other interest created out of the working interest which cumulatively total in excess of one-fourth of such interest, or if such working interest is burdened by liens, security interest or other obligations, unless the other Working Interest Owners willing to accept the Assignment agree to accept the working interest subject to such burdens.

ARTICLE 18

ABANDONMENT OF WELLS

18.1 Rights of Former Owners. If Working Interest Owners decide to abandon permanently any well within the Unit Area prior to termination of the Unit Agreement, Unit Operator shall give written notice thereof to the Working Interest Owners of the Tract on which the well is located and they shall have the option for a period of ninety (90) days after the sending of such notice to notify Unit Operator in writing of their election to take over and own said well. Within ten (10) days after the Working Interest Owners of the Tract have notified Unit Operator of their election to take over the well, they shall pay Unit Operator, for credit to the joint account, the amount estimated by Working Interest Owners to be the net salvage value of the casing and equipment in and on the well. The Working Interest Owners of the Tract, by taking over the well, agree to seal off effectively and protect the Unitized Formation, and, upon abandonment, to plug the well in compliance with applicable laws and regulations.

18.2 Plugging. If the Working Interest Owners of a Tract do not elect to take over the well located thereon which is proposed for abandonment, Unit Operator shall plug and abandon the well in compliance with applicable laws and regulations.

ARTICLE 19

EFFECTIVE DATE AND TERM

19.1 Effective Date. This Agreement shall become effective on the date and at the time that the Unit Agreement becomes effective.

19.2 Term. This Agreement shall continue in effect so long as the Unit Agreement remains in effect, and thereafter until (a) all unit wells have been abandoned and plugged or turned over to Working Interest Owners in accordance with Article 20 hereof; (b) all Unit Equipment and real property acquired for the joint account have been disposed of by Unit Operator in accordance with instructions of Working Interest Owners; and (c) there has been a final accounting.

ARTICLE 20 ABANDONMENT OF OPERATIONS

20.1 Termination. Upon termination of the Unit Agreement, the following will occur:

20.1.1 Oil and Gas Rights. Oil and Gas Rights in and to each separate Tract shall not longer be affected by this Agreement, and thereafter the parties shall be governed by the terms and provisions of the leases, contracts, and other instruments affecting the separate Tracts.

20.1.2 Right to Operate. Working Interest Owners of any Tract that desire to take over and continue to operate wells located thereon may do so by paying Unit Operator, for credit to the joint account, the net salvage value of the casing and equipment in and on the wells taken over as estimated by Working Interest Owners and by agreeing to plug properly each well at such time as it is abandoned.

20.1.3 Salvaging Wells. Unit Operator shall salvage as much of the casing and equipment in or on wells not taken over by Working Interest Owners of separate Tracts as can economically and reasonably be salvaged, and shall cause the same to be plugged and abandoned properly.

20.1.4 Cost of Salvaging. Working Interest Owners shall share the cost of salvaging, liquidation or other distribution of assets and properties used in Unit Operating in proportion to their respective Unit Participation.

20.1.5 Distribution of Assets. Working Interest Owners shall share in the distribution of Unit Equipment, or the proceeds thereof, in proportion to their Unit Participations.

ARTICLE 21 LAWS, REGULATIONS, AND CERTIFICATE OF COMPLIANCE

21.1 Laws and Regulations. This Agreement and operations hereunder are subject to all valid laws and valid rules, regulations, and orders of all regulatory bodies having jurisdiction and to all other applicable federal, state, and local laws, ordinances, rules, regulations, and orders; and any provision of this Agreement found to be contrary to or inconsistent with any such law, ordinance, rule, regulation, or order shall be deemed modified accordingly.

21.2 Certificate of Compliance. In the performance of work under this Agreement, the parties agree to comply and Unit Operator shall endeavor to require each independent contractor to comply with the provisions of Exhibit E.

ARTICLE 22 EXECUTION

22.1 Original Counterpart, or Other Instrument. A party may become a party to this Agreement by signing the original of this instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions hereof. The signing of any such instrument shall have the same effect as if all the parties had signed the same instrument.

ARTICLE 23
SUCCESSORS AND ASSIGNS

23.0.1 Successors and Assigns. The provision hereof shall be covenants running with the lands, leases, and interests covered hereby and shall be binding upon and inure to the benefit of the representative heirs, devisees, legal representatives, successors, and assigns of the parties hereto.

23.1 Four or More Owners. In the event any interest subject to this Agreement is owned or hereafter becomes owned by four or more Working Interest Owners, then, and in such event, said Working Interest Owners agree to furnish Unit Operator with a recordable instrument executed by all such Working Interest Owners designating an agent to receive and be responsible for all costs, expenses, and credits related to Unit Operation and attributable to all such Working Interest Owners.

IN WITNESS WHEREOF, the parties hereto have executed this agreement on the dates opposite their respective signatures.

WORKING INTEREST OWNERS

DATE: _____
ATTEST:

HANSON OPERATING COMPANY, INC.

Secretary-Treasurer

By: _____
Ray Willis, Vice-President
Management & Finance

STATE OF NEW MEXICO

COUNTY OF CHAVES

The foregoing instrument was acknowledged before me this ____ day of _____, 1993, by RAY WILLIS, Vice-President, Management & Finance, for HANSON OPERATING COMPANY, INC., a New Mexico corporation, on behalf of said corporation.

Notary Public

My Commission expires:

dr/oil/hanson2.uoa

EXHIBIT A **TO UNIT OPERATING AGREEMENT** **SHUGART WATERFLOOD UNIT** **Eddy County, New Mexico**

TRACT	LEGAL DESCRIPTION	NUMBER OF ACRES	SERIAL NO. & EXPIRATION DATE OF LEASE	BASIC ROYALTY OWNER & PERCENTAGE	LESSEE OF RECORD	OVERRIDE ROYALTY PERCENTAGE	WORKING INTEREST OWNER	PERCENTAGE
TRACT 1A	T18S, R30E, SEC. 25, W/2SE/4 Eddy County, New Mexico	160.00	NM-025503 Held by Production	United States - 1/8	McBride Oil & Gas Corporation	2.500000%	Hanson-McBride Petroleum Company, a New Mexico Limited Partnership Thomas R. Lottland & Barbara Lottland Middleton, Co-Trustees of the Margaret R. Lottland Trust Barbara Lottland Middleton Tom R. Lottland Samuel S. Spencer McBride Oil & Gas Corporation	22.500000% 5.000000% 5.000000% 12.500000% 50.000000%
TRACT 1B	T18S, R30E, SEC. 25, W/2NE/4 Eddy County, New Mexico	160.00	NM-025503 Held by Production	United States - 1/8	McBride Oil & Gas Corporation	2.500000%	Hanson-McBride Petroleum Company, a New Mexico Limited Partnership Thomas R. Lottland & Barbara Lottland Middleton, Co-Trustees of the Margaret R. Lottland Trust Barbara Lottland Middleton Tom R. Lottland Samuel S. Spencer McBride Oil & Gas Corporation	22.500000% 5.000000% 5.000000% 12.500000% 50.000000%
TRACT 2	T18S, R30E, SEC. 26, E/2E/2 Eddy County, New Mexico	160.00	NM-025503 Held by Production	United States - 1/8	McBride Oil & Gas Corporation	5.156250%	Hanson-McBride Petroleum Company, a New Mexico Limited Partnership Hanson Operating Company, Inc. Reagan S. Sweet Babe Development Co., Inc. McBride Oil & Gas Corporation	10.416250% 2.083750% 2.083750% 25.000000% 60.416250%
TRACT 3	T18S, R30E, SEC. 26, W/2NE/4, SW/4SE/4 Eddy County, New Mexico	120.00	NM-025503 Held by Production	United States - 1/8	McBride Oil & Gas Corporation	5.156250%	Hanson-McBride Petroleum Company, a New Mexico Limited Partnership Hanson Operating Company, Inc. Reagan S. Sweet Grover N. Shrader Hilo Development Company, a Limited Partnership McBride Oil & Gas Corporation	5.093024% 1.018489% 1.018489% 18.287455% 19.488745% 55.093024%
TRACT 4	T18S, R30E, SEC. 35, E/2NE/4 Eddy County, New Mexico	80.00	NM-025503 Held by Production	United States - 1/8	McBride Oil & Gas Corporation	2.500000%	McBride Oil & Gas Corporation Hanson-McBride Petroleum Company, a New Mexico Limited Partnership	10.000000% 90.000000%
TRACT 5	T18S, R30E, SEC. 25, SW/4, E/2SE/4 Eddy County, New Mexico	240.00	NM-01375 and NM-01375-A Held by Production	United States - 1/8	Manzano Oil Corporation	6.250000%	McBride Oil & Gas Corporation Steele Oil & Gas Corporation Manzano Oil Corporation	33.330000% 33.330000% 33.340000%
TRACT 6	T18S, R31E, SEC. 30, Lots 3 & 4 (W/2SW/4), E/2SW/4 Eddy County, New Mexico	151.00	LC-029387(d) Held by Production	United States - 1/8*	T. R. Parker Estate Canadian Kenwood Company	12.500000%	Manzano Oil Corporation Steele Oil & Gas Corporation McBride Oil & Gas Corporation	33.330000% 33.340000% 33.330000%

TOTAL FEDERAL ACREAGE: 1071.00

TRACT	LEGAL DESCRIPTION	NUMBER OF ACRES	SERIAL NO. & EXPIRATION DATE OF LEASE	BASIC ROYALTY OWNER & PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY PERCENTAGE	WORKING INTEREST OWNER	PERCENTAGE
TRACT 7	1189 R30E SEC 26 NW1/4SE/4 Eddy County, New Mexico	40.00	No Serial Number Held by Production	Pamela B. Link 1/2 of 1/8 First National Bank 1/2 of 1/8	Donald E. Blackmer	None	McBride Oil & Gas Corporation Hanson-McBride Petroleum Company, a New Mexico Limited Partnership Hanson Operating Company, Inc. Rexgan S. Sweet	70.832500% 20.832500% 4.167500% 4.167500%

TOTAL FEE ACREAGE:	40.00
--------------------	-------

* Schedule "D" sliding-scale royalty ranging from 12-1/2% to 33-1/3% on oil and from 12-1/2% to 16-2/3% on gas, but for the purpose of this schedule assumed to be 12.5%

RECAPITULATION		
1071 Acres of Federal Land:	96.4%	
40 Acres of Fee Land:	3.6%	
1111 Acres	100.0%	

d:\csl\hancnb

SHUGART WATERFLOOD UNIT

TRACT	LEGAL DESCRIPTION	WELLS	INTEREST OWNER	CALCULATION OF INTEREST	TRACT INTEREST	TRACT FACTOR	NET REVENUE UNIT PARTICIPATION	GROSS UNIT PARTICIPATION	TYPE OF INTEREST
TRACT 1A	W/2SE4 SECTION 25	Gimberg Fed 1 (SW/4SE/4) Gimberg Fed 2 (NW/4SE/4) Gimberg Fed 16 (NW/4SE/4)	United States of America	12.5%	0.12500000	0.04785558	0.00598195		RI
			Anne R. Hyman & Lyne H. Drizin, Jtwrs	1.25%	0.01250000	0.04785558	0.0005819		ORRI
			Bernard Gluck & Ruth Gluck, NW, Jtwrs	3/4 of 1.25%	0.00937500	0.04785558	0.00044865		ORRI
			Mary Louise Scott, separate	(1/40 of 2.5%) plus (1/40 of 2.5%)	0.00125000	0.04785558	0.00005882		ORRI
			Blanche Stidham, separate	(1/40 of 2.5%)	0.00062500	0.04785558	0.00002991		ORRI
			Mary Charlene Conlee, Per Rep of the	(1/20 of 2.5%)	0.00125000	0.04785558	0.00005882		ORRI
			Est of Marie L. Raploch, deceased						
			Hanson-McBride Petroleum Company, a New Mexico Limited Partnership	(22.5% of 85%)	0.19125000	0.04785558	0.00915238	0.01076751	WI
			Thomas R. Loffland & Barbara Loffland Middleton, Co-Trustees of the	(5% of 85%)	0.04250000	0.04785558	0.00203386	0.00239278	WI
			Margaret R. Loffland Trust						
			Barbara Loffland Middleton	(5% of 85%)	0.04250000	0.04785558	0.00203386	0.00239278	WI
			Tom R. Loffland	(12.5% of 85%)	0.10625000	0.04785558	0.00508466	0.00598195	WI
			Samuel S. Spencer	(50% of 85%)	0.42500000	0.04785558	0.02033862	0.02392778	WI
			McBride Oil & Gas Corporation						
TOTAL TRACT 1A:				1.00000000		0.04785558	0.04785558		
TRACT 1B	W/2NE4 SECTION 25	Gimberg Fed 3 (NW/4NE/4) Gimberg Fed 4 (SW/4NE/4)	United States of America	12.5%	0.12500000	0.10502051	0.01312756		RI
			Anne R. Hyman & Lyne H. Drizin, Jtwrs	1.25%	0.01250000	0.10502051	0.00131276		ORRI
			Bernard Gluck & Ruth Gluck, NW, Jtwrs	3/4 of 1.25%	0.00937500	0.10502051	0.00098457		ORRI
			Mary Louise Scott, separate	(1/40 of 2.5%) plus (1/40 of 2.5%)	0.00125000	0.10502051	0.00013127		ORRI
			Blanche Stidham, separate	(1/40 of 2.5%)	0.00062500	0.10502051	0.00006564		ORRI
			Mary Charlene Conlee, Per Rep of the	(1/20 of 2.5%)	0.00125000	0.10502051	0.00013128		ORRI
			Est of Marie L. Raploch, deceased						
			Hanson-McBride Petroleum Company, a New Mexico Limited Partnership	(22.5% of 85%)	0.19125000	0.10502051	0.02008517	0.02362861	WI
			Thomas R. Loffland & Barbara Loffland Middleton, Co-Trustees of the	(5% of 85%)	0.04250000	0.10502051	0.00446337	0.00525103	WI
			Margaret R. Loffland Trust						
			Barbara Loffland Middleton	(5% of 85%)	0.04250000	0.10502051	0.00446337	0.00525103	WI
			Tom R. Loffland	(12.5% of 85%)	0.10625000	0.10502051	0.01115843	0.01312756	WI
			Samuel S. Spencer	(50% of 85%)	0.42500000	0.10502051	0.04463372	0.05231025	WI
			McBride Oil & Gas Corporation						
TOTAL TRACT 1A:				1.00000000		0.10502051	0.10502051		

TRACT	LEGAL DESCRIPTION	WELLS	INTEREST OWNER	CALCULATION OF INTEREST	TRACT INTEREST	TRACT FACTOR	NET REVENUE UNIT PARTICIPATION	GROSS UNIT PARTICIPATION	TYPE OF INTEREST
TRACT 2	E/2E/2 SECTION 26								
		Gineberg Fed 8 (NE/4NE/4)	United States of America	12.5%	0.12500000	0.35985674	0.00449829		RI
		Gineberg Fed 9 (SE/4NE/4)	Anne R. Hyman & Lynne H. Drizin, JTWs	1.25%	0.01250000	0.35985674	0.00449821		ORRI
		Gineberg Fed 10 (NE/4SE/4)	Bernard Gluck & Ruth Gluck, JTWs	3/4 of 1.25%	0.00937500	0.35985674	0.00337566		ORRI
		Gineberg Fed 11 (SE/4SE/4)	Mary Louise Scott, separate	(1/40 of 2.5%) plus (1/40 of 2.5%)	0.00125000	0.35985674	0.00044982		ORRI
		Gineberg Fed 17 (NE/4NE/4)	Blanche Stidham, separate	(1/40 of 2.5%)	0.00062500	0.35985674	0.00022491		ORRI
			Mary Charlene Conlee, Per Rep of the	(1/20 of 2.5%)	0.00125000	0.35985674	0.00044982		ORRI
			Eat of Marie L. Raploch, deceased						
			Gineberg Investments	2.65625%	0.02656250	0.35985674	0.00955869		ORRI
			Hanson-McBride Petroleum Company,	(1/2 of 83.33% of 25% of 82.34375%)	0.08577131	0.35985674	0.03086538		WI
			a New Mexico Limited Partnership						
			Hanson Operating Company, Inc.	(1/2 of 16.67% of 25% of 82.34375%)	0.01715898	0.35985674	0.00617456		WI
			Regan S. Sweet	(1/2 of 16.67% of 25% of 82.34375%)	0.01715898	0.35985674	0.00617456		WI
			Babe Development Co., Inc.	(25% of 82.34375%)	0.20685938	0.35985674	0.07407988		WI
			McBride Oil & Gas Corporation	(50% of 82.34375%) plus	0.41171875	0.35985674	0.17902516		WI
				(1/2 of 83.33% of 25% of 82.34375%)	0.08577130	0.35985674	0.03086538		WI
				TOTAL TRACT 2:	1.00000000		0.35985674	0.35985674	
TRACT 3	W/2NE/4, SW/4SE/4 SECTION 26								
		Gineberg Fed 12 (SW/4SE/4)	United States of America	12.5%	0.12500000	0.14226200	0.01778275		RI
		Gineberg Fed 13 (SW/4NE/4)	Bernard R. Gineberg & Mary Hannah	1.328125%	0.01328125	0.14226200	0.00186942		ORRI
		Gineberg Fed 14 (NW/4NE/4)	Gineberg, Co-Trustees of the						
			Bernard R. Gineberg & Mary Hannah						
			Gineberg Trust under Agreement						
			dated January 24, 1985						
			Bernard R. Gineberg, Trustee of the	0.6640625%	0.00664062	0.14226200	0.00094471		ORRI
			Mabelle E. Gineberg Trust Created						
			under Agreement dated 1/8/85						
			Bernard R. Gineberg, Trustee of the						
			Benjamin B. Gineberg Trust under						
			the Last Will and Testament of						
			Benjamin B. Gineberg dated 6/29/78						
			Anne R. Hyman & Lynne H. Drizin, JTWs	1.25%	0.01250000	0.14226200	0.00177828		ORRI
			Bernard Gluck & Ruth Gluck, JTWs	3/4 of 1.25%	0.00937500	0.14226200	0.00133371		ORRI
			Mary Louise Scott, separate	(1/40 of 2.5%) plus (1/40 of 2.5%)	0.00125000	0.14226200	0.00077893		ORRI
			Blanche Stidham, separate	(1/40 of 2.5%)	0.00062500	0.14226200	0.00038991		ORRI
			Mary Charlene Conlee, Per Rep of the	(1/20 of 2.5%)	0.00125000	0.14226200	0.00077893		ORRI
			Eat of Marie L. Raploch, deceased						
			Hanson-McBride Petroleum Company,	1/2 of 20.37221% of 50% of 82.34375%	0.04193810	0.14226200	0.00596620		WI
			a New Mexico Limited Partnership						
			Hanson Operating Company, Inc.	1/2 of 4.07539% of 50% of 82.34375%	0.00689958	0.14226200	0.00119351		WI
			Regan S. Sweet	1/2 of 4.07539% of 50% of 82.34375%	0.00689958	0.14226200	0.00119351		WI
			Grover N. Strader	36.57491% of 50% of 82.34375%	0.15056576	0.14226200	0.02142263		WI
			Hilo Development Company,	38.97449% of 50% of 82.34375%	0.16047763	0.14226200	0.02282987		WI
			a Limited Partnership						
			McBride Oil & Gas Corporation	50% of 82.34375% plus	0.41171876	0.14226200	0.17902516		WI
				1/2 of 20.37221% of 50% of 82.34375%	0.04193810	0.14226200	0.00596620		WI
				TOTAL TRACT 3:	1.00000000		0.14226200	0.14226200	
TRACT 4	E/2NE/4 SECTION 35								
		Gineberg Fed 15 (NE/4NE/4)	United States of America	12.5%	0.12500000	0.01974462	0.00246808		RI
			Anne R. Hyman & Lynne H. Drizin, JTWs	1.25%	0.01250000	0.01974462	0.00024681		ORRI
			Bernard Gluck & Ruth Gluck, JTWs	3/4 of 1.25%	0.00937500	0.01974462	0.00018511		ORRI
			Mary Louise Scott, separate	(1/40 of 2.5%) plus (1/40 of 2.5%)	0.00125000	0.01974462	0.00002468		ORRI
			Blanche Stidham, separate	(1/40 of 2.5%)	0.00062500	0.01974462	0.00001234		ORRI
			Mary Charlene Conlee, Per Rep of the	(1/20 of 2.5%)	0.00125000	0.01974462	0.00002468		ORRI
			Eat of Marie L. Raploch, deceased						
			McBride Oil & Gas Corporation	85.04% x 10.0%	0.08504000	0.01974462	0.00167829		WI
			Hanson-McBride Petroleum Company	85.04% x 90.0%	0.76500000	0.01974462	0.01510463		WI
				TOTAL TRACT 4:	1.00000000		0.01974462	0.01974462	

Schedule "D" sliding-scale royalty ranging from 12-1/2% to 33-1/3% on oil and from 12-1/2% to 16-2/3% on gas, but for the purpose of this schedule assumed to be 12.5%

d:\office\hannan\w\1

TRACT	LEGAL DESCRIPTION	WELLS	INTEREST OWNER	CALCULATION OF INTEREST	TRACT INTEREST	TRACT FACTOR	NET REVENUE UNIT PARTICIPATION	GROSS UNIT PARTICIPATION	TYPE OF INTEREST
TRACT 5	SW/4, E/2SE/4 SECTION 25		Kenath Fed #1	12.5%	0.12500000	0.25128533	0.03141067		RI
			Kenath Fed #2	0.694444%	0.00694444	0.25128533	0.00174504		ORRI
			Kenath Fed #3						
			Kenath Fed #4	0.694444%	0.00694444	0.25128533	0.00174504		ORRI
			Kenath Fed #5						
			her sole & separate property	0.694444%	0.00694443	0.25128533	0.00174503		ORRI
			Susan Lynn Terry, married dealing in her sole & separate property	(1/2 of 1/4 of 0.0052083)	0.00065104	0.25128533	0.00016360		ORRI
			Mr. Karl Hegeler, married dealing in his sole & separate property	(1/2 of 1/4 of 0.0052083)	0.00065104	0.25128533	0.00016360		ORRI
			Mrs. Karl Hegeler, married dealing in her sole & separate property	(1/2 of 1/4 of 0.0052083)	0.00065104	0.25128533	0.00016360		ORRI
			First Baptist Church of Artesia	(1/4 of 0.0052083)	0.00130208	0.25128533	0.00032719		ORRI
			Immanuel Lutheran Church of Artesia	(1/4 of 0.0052083)	0.00130208	0.25128533	0.00032719		ORRI
			St. Paul's Protestant Episcopal Church of Artesia	(1/4 of 0.0052083)	0.00130208	0.25128533	0.00032719		ORRI
			Julia R. Kenath	(1/3 of 1/16)	0.02083338	0.25128533	0.00623512		ORRI
			Sally R. Lanning	(1/12 of 1/16)	0.00520833	0.25128533	0.00130878		ORRI
			Jean A. Nelson, Personal Rep. of the Estate of Ruby P. Pior, dec	(1/12 of 1/16)	0.00520833	0.25128533	0.00130878		ORRI
			Deirdre Jean Joyce, a single woman	(1/12 of 1/16)	0.00520833	0.25128533	0.00130878		ORRI
			McBride Oil & Gas Corporation	(33.33% of 81.5%)	0.27080625	0.25128533	0.06804964		WI
TRACT 6	Lots 3 and 4 (W/2SW/4), E/2SW/4 SECTION 30		Manzano Oil Corporation	(33.34% of 81.5%)	0.27080750	0.25128533	0.06807005		WI
			United States of America*	12.5%	0.12500000	0.01904093	0.00238012		RI
			William G. Parker, Nancy Parker Strong and Sylvia S. Voorhies, Trustees of the Testamentary Trusts created under Article V of the Last Will and Testament of T. R. Parker, Deceased	3.375%	0.03375000	0.01904093	0.00064263		ORRI
			Kenwood Fed #1 (SESW)						
			Kenwood Fed #2 (SWSW)						
			Kenwood Fed #3 (NWSW)						
			Kenwood Fed #4 (NESW)						
			Kenwood Fed #5 (NESW)						
			Kenwood Fed #6 (SWSW)						
			Pueblo Fed #1						
			Minnesota Limited Partnership	9.125%	0.09125000	0.01904093	0.00173748		ORRI
			Manzano Oil Corporation	33.33% X 75%	0.24975000	0.01904093	0.00475976		WI
			McBride Oil & Gas Corporation	33.33% X 75%	0.24975000	0.01904093	0.00475976		WI
			Siete Oil & Gas Corporation	33.34% X 75%	0.25055000	0.01904093	0.00476118		WI
			TOTAL TRACT 6:		1.00000000		0.01904093	0.01904093	
TRACT 7	NW/4SE/4 SECTION 26		Benson #1	50% of 12.5%	0.06250000	0.05493429	0.00343339		RI
			Donald E. Blackmar Testamentary Trust	50% of 12.5%	0.06250000	0.05493429	0.00343339		RI
			Trustees are Pamela B. Link and J. E. Ciesinski						
			First National Bank of Pecos, Texas	50% of 12.5%	0.06250000	0.05493429	0.00343339		RI
			McBride Oil & Gas Corporation	50% of 87.5% plus	0.43750000	0.05493429	0.03404741		WI
			Hanson-McBride Petroleum Company, a New Mexico Limited Partnership	50% of 83.33% of 50% of 87.5%	0.18228438	0.05493429	0.01001366		WI
			Hanson Operating Company, Inc.	50% of 83.33% of 50% of 87.5%	0.18228438	0.05493429	0.01001366		WI
			Reagan S. Sweet	50% of 16.67% of 50% of 87.5%	0.03646562	0.05493429	0.00200322		WI
			50% of 16.67% of 50% of 87.5%		0.03646562	0.05493429	0.00200322		WI
			TOTAL TRACT 7:		1.00000000		0.05493429	0.05493429	

SHUGART WATERFLOOD UNIT UNIT WORKING INTEREST

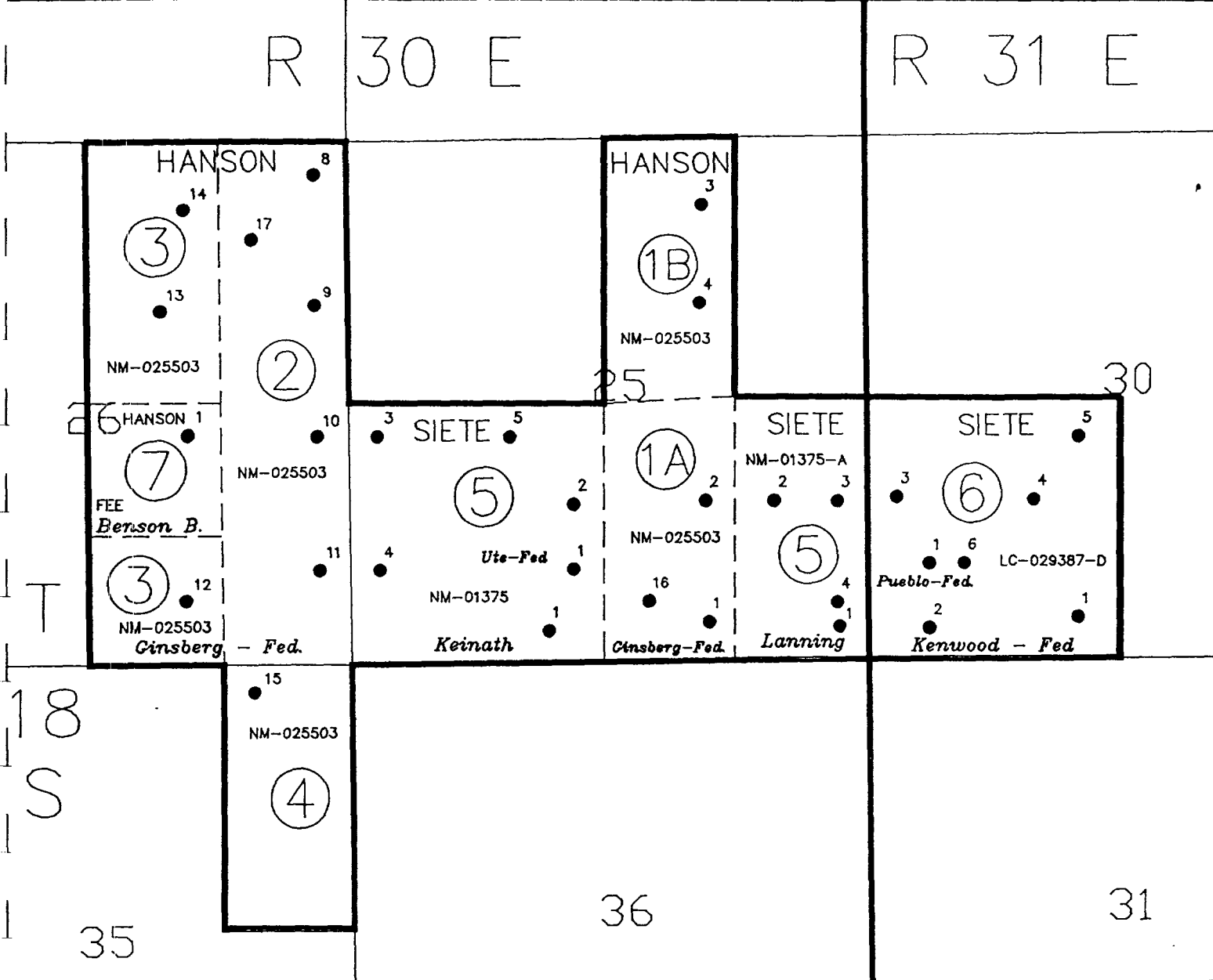
WORKING INTEREST OWNER	TRACT 1A	TRACT 1B	TRACT 2	TRACT 3	TRACT 4	TRACT 5	TRACT 6	TRACT 7	UNIT TOTAL
Barbara Loffland Middleton	0.00239278	0.00525103							0.00764381
Grover N. Shrader				0.02601610					0.02601610
Hanson Operating Company, Inc.			0.00749851	0.00144943				0.00228939	0.01123733
Hanson-McBride Petroleum Company, a New Mexico Limited Partnership	0.01076751	0.02362961	0.03748358	0.00724548	0.01777016			0.01144419	0.10834053
Hilo Development Company, a Limited Partnership				0.02772508					0.02772508
Manzano Oil Corporation						0.08377853	0.00634825		0.10000000 *
Siete Oil & Gas Corporation						0.08375340	0.00634634		0.10000000 *
McBride Oil & Gas Corporation	0.02392778	0.05251025	0.21741195	0.07837648	0.00197446	0.08375340	0.00634634	0.03891133	0.48343851 *
Reagan S. Sweet			0.00749851	0.00144943				0.00228938	0.01123732
Samuel S. Spencer	0.00598195	0.01312756							0.01810951
Thomas R. Loffland & Barbara Loffland Middleton, Co-Trustees of the Margaret R. Loffland Trust	0.00239278	0.00525103							0.00764381
Tom R. Loffland	0.00239278	0.00525103							0.00764381
Babe Development Co., Inc.			0.08996419						0.08996419
TRACT TOTALS:	0.04785558	0.10502051	0.35985674	0.14226200	0.01974462	0.25128533	0.01904093	0.05493429	1.00000000

* By Agreement dated 1/24/92, Manzano Oil Corporation and Siete Oil & Gas Corporation are to own a 10% Gross Working Interest in the present Unit Area and McBride Oil & Gas Corporation's interest has been decreased in order to solely bear the increased working interest to Manzano and Siete.

d:\jsh\hanson\w\k1

EXHIBIT A-1

TRACT	DESCRIPTION
TRACT 1	W/2E/2 Section 25, Township 18 South, Range 30 East, NMPM, containing Ginsberg Federal Number 1, 2, 3, 4, and 16 Wells
TRACT 2	E/2E/2 Section 26, Township 18 South, Range 30 East, NMPM, containing Ginsberg Federal Number 8, 9, 10, 11, and 17 Wells
TRACT 3	W/2NE/4, SW/4SE/4 Section 26, Township 18 South, Range 30 East, NMPM, containing Ginsberg Federal Number 12, 13, and 14 Wells
TRACT 4	E/2NE/4 Section 35, Township 18 South, Range 30 East, NMPM, containing Ginsberg Federal Number 15 Well
TRACT 5	SW/4, E/2SE/4 Section 25, Township 18 South, Range 30 East, NMPM, containing Keinath Federal Number 1, 2, 3, 4, and 5 Wells, Ute Federal Number 1 Well, and Lanning Federal Number 1, 2, 3, and 4 Wells
TRACT 6	Lots 3 and 4 (W/2SW/4), E/2SW/4 Section 30, Township 18 South, Range 31 East, NMPM, containing Manzano Oil Corporation - Kenwood Federal Wells Numbers 1, 2, 3, 4, 5, and 6, and Pueblo Federal Number 1 Well
TRACT 7	NW/4SE/4 Section 26, Township 18 South, Range 30 East, NMPM, containing Benson "B" #1 Fee Well



<div></div> UNIT AREA BOUNDARY		
<div>②</div> TRACT NUMBER		
	ACRES	PERCENTAGE
STATE LAND	-0-	0%
FEDERAL LAND	1071	98.4%
FEE LAND	40	3.6%
TOTAL	1,111	100.0%

HANSON OPERATING COMPANY, INC.

SHUGART WATERFLOOD UNIT AREA PLAT

HANSON -- SIETE -- MANZANO

SHUGART FIELD
EDDY COUNTY, NEW MEXICO

EXHIBIT B

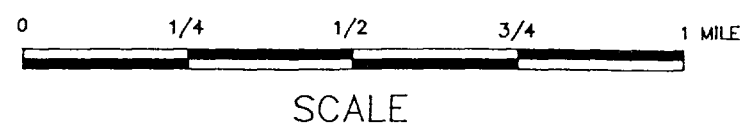


EXHIBIT " C "

Attached to and made a part of that certain Unit Operating Agreement dated December 1, 1992
by and between HANSON OPERATING COMPANY, INC. Unit Operator, and SIETE OIL & GAS
CORPORATION, et al, Unit Non-operators.

ACCOUNTING PROCEDURE JOINT OPERATIONS

I. GENERAL PROVISIONS

1. Definitions

"Joint Property" shall mean the real and personal property subject to the agreement to which this Accounting Procedure is attached.

"Joint Operations" shall mean all operations necessary or proper for the development, operation, protection and maintenance of the Joint Property.

"Joint Account" shall mean the account showing the charges paid and credits received in the conduct of the Joint Operations and which are to be shared by the Parties.

"Operator" shall mean the party designated to conduct the Joint Operations.

"Non-Operators" shall mean the Parties to this agreement other than the Operator.

"Parties" shall mean Operator and Non-Operators.

"First Level Supervisors" shall mean those employees whose primary function in Joint Operations is the direct supervision of other employees and/or contract labor directly employed on the Joint Property in a field operating capacity.

"Technical Employees" shall mean those employees having special and specific engineering, geological or other professional skills, and whose primary function in Joint Operations is the handling of specific operating conditions and problems for the benefit of the Joint Property.

"Personal Expenses" shall mean travel and other reasonable reimbursable expenses of Operator's employees.

"Material" shall mean personal property, equipment or supplies acquired or held for use on the Joint Property.

"Controllable Material" shall mean Material which at the time is so classified in the Material Classification Manual as most recently recommended by the Council of Petroleum Accountants Societies.

2. Statement and Billings

Operator shall bill Non-Operators on or before the last day of each month for their proportionate share of the Joint Account for the preceding month. Such bills will be accompanied by statements which identify the authority for expenditure, lease or facility, and all charges and credits summarized by appropriate classifications of investment and expense except that items of Controllable Material and unusual charges and credits shall be separately identified and fully described in detail.

3. Advances and Payments by Non-Operators

A. Unless otherwise provided for in the agreement, the Operator may require the Non-Operators to advance their share of estimated cash outlay for the succeeding month's operation within ~~thirty (30)~~ ^{thirty (30)} days after receipt of the billing or by the first day of the month for which the advance is required, whichever is later. Operator shall adjust each monthly billing to reflect advances received from the Non-Operators.

B. Each Non-Operator shall pay its proportion of all bills within ~~thirty (30)~~ ^{thirty (30)} days after receipt. If payment is not made within such time, the unpaid balance shall bear interest monthly at the prime rate in effect at twelve percent (12%) per annum on the first day of the month in which delinquency occurs plus 1% or the maximum contract rate permitted by the applicable usury laws in the state in which the Joint Property is located, whichever is the lesser, plus attorney's fees, court costs, and other costs in connection with the collection of unpaid amounts.

4. Adjustments

Payment of any such bills shall not prejudice the right of any Non-Operator to protest or question the correctness thereof; provided, however, all bills and statements rendered to Non-Operators by Operator during any calendar year shall conclusively be presumed to be true and correct after twenty-four (24) months following the end of any such calendar year, unless within the said twenty-four (24) month period a Non-Operator takes written exception thereto and makes claim on Operator for adjustment. No adjustment favorable to Operator shall be made unless it is made within the same prescribed period. The provisions of this paragraph shall not prevent adjustments resulting from a physical inventory of Controllable Material as provided for in Section V.

5. Audits

- A. A Non-Operator, upon notice in writing to Operator and all other Non-Operators, shall have the right to audit Operator's accounts and records relating to the Joint Account for any calendar year within the twenty-four (24) month period following the end of such calendar year; provided, however, the making of an audit shall not extend the time for the taking of written exception to and the adjustments of accounts as provided for in Paragraph 4 of this Section I. Where there are two or more Non-Operators, the Non-Operators shall make every reasonable effort to conduct a joint audit in a manner which will result in a minimum of inconvenience to the Operator. Operator shall bear no portion of the Non-Operators' audit cost incurred under this paragraph unless agreed to by the Operator. The audits shall not be conducted more than once each year without prior approval of Operator, except upon the resignation or removal of the Operator, and shall be made at the expense of those Non-Operators approving such audit.
- B. The Operator shall reply in writing to an audit report within 180 days after receipt of such report.

6. Approval By Non-Operators

Where an approval or other agreement of the Parties or Non-Operators is expressly required under other sections of this Accounting Procedure and if the agreement to which this Accounting Procedure is attached contains no contrary provisions in regard thereto, Operator shall notify all Non-Operators of the Operator's proposal, and the agreement or approval of a majority in interest of the Non-Operators shall be controlling on all Non-Operators.

II. DIRECT CHARGES

Operator shall charge the Joint Account with the following items:

1. Ecological and Environmental

Costs incurred for the benefit of the Joint Property as a result of governmental or regulatory requirements to satisfy environmental considerations applicable to the Joint Operations. Such costs may include surveys of an ecological or archaeological nature and pollution control procedures as required by applicable laws and regulations.

2. Rentals and Royalties

Lease rentals and royalties paid by Operator for the Joint Operations.

3. Labor

- A. (1) Salaries and wages of Operator's field employees directly employed on the Joint Property in the conduct of Joint Operations.
- (2) Salaries of First Level Supervisors in the field.
- (3) Salaries and wages of Technical Employees directly employed on the Joint Property if such charges are excluded from the overhead rates.
- (4) Salaries and wages of Technical Employees either temporarily or permanently assigned to and directly employed in the operation of the Joint Property if such charges are excluded from the overhead rates.
- B. Operator's cost of holiday, vacation, sickness and disability benefits and other customary allowances paid to employees whose salaries and wages are chargeable to the Joint Account under Paragraph 3A of this Section II. Such costs under this Paragraph 3B may be charged on a "when and as paid basis" or by "percentage assessment" on the amount of salaries and wages chargeable to the Joint Account under Paragraph 3A of this Section II. If percentage assessment is used, the rate shall be based on the Operator's cost experience.
- C. Expenditures or contributions made pursuant to assessments imposed by governmental authority which are applicable to Operator's costs chargeable to the Joint Account under Paragraphs 3A and 3B of this Section II.
- D. Personal Expenses of those employees whose salaries and wages are chargeable to the Joint Account under Paragraph 3A of this Section II.

4. Employee Benefits

Operator's current costs of established plans for employees' group life insurance, hospitalization, pension, retirement, stock purchase, thrift, bonus, and other benefit plans of a like nature, applicable to Operator's labor cost chargeable to the Joint Account under Paragraphs 3A and 3B of this Section II shall be Operator's actual cost not to exceed the percent most recently recommended by the Council of Petroleum Accountants Societies.

5. Material

Material purchased or furnished by Operator for use on the Joint Property as provided under Section IV. Only such Material shall be purchased for or transferred to the Joint Property as may be required for immediate use and is reasonably practical and consistent with efficient and economical operations. The accumulation of surplus stocks shall be avoided.

6. Transportation

Transportation of employees and Material necessary for the Joint Operations but subject to the following limitations:

- A. If Material is moved to the Joint Property from the Operator's warehouse or other properties, no charge shall be made to the Joint Account for a distance greater than the distance from the nearest reliable supply store where like material is normally available or railway receiving point nearest the Joint Property unless agreed to by the Parties.

- urno
- B. If surplus Material is moved to Operator's warehouse or other storage point, no charge shall be made to the Joint Account for a distance greater than the distance to the nearest reliable supply store where like material is normally available, or railway receiving point nearest the Joint Property unless agreed to by the Parties. No charge shall be made to the Joint Account for moving Material to other properties belonging to Operator, unless agreed to by the Parties.
- C. In the application of subparagraphs A and B above, the option to equalize or charge actual trucking cost is available when the actual charge is \$400 or less excluding accessorial charges. The \$400 will be adjusted to the amount most recently recommended by the Council of Petroleum Accountants Societies.

7. Services

The cost of contract services, equipment and utilities provided by outside sources, except services excluded by Paragraph 10 of Section II and Paragraph i, ii, and iii, of Section III. The cost of professional consultant services and contract services of technical personnel directly engaged on the Joint Property if such charges are excluded from the overhead rates. The cost of professional consultant services or contract services of technical personnel not directly engaged on the Joint Property shall not be charged to the Joint Account unless previously agreed to by the Parties.

8. Equipment and Facilities Furnished By Operator

- A. Operator shall charge the Joint Account for use of Operator owned equipment and facilities at rates commensurate with costs of ownership and operation. Such rates shall include costs of maintenance, repairs, other operating expense, insurance, taxes, depreciation, and interest on gross investment less accumulated depreciation not to exceed Fifteen percent (15%) per annum. Such rates shall not exceed average commercial rates currently prevailing in the immediate area of the Joint Property.
- B. In lieu of charges in paragraph 8A above, Operator may elect to use average commercial rates prevailing in the immediate area of the Joint Property less 20%. For automotive equipment, Operator may elect to use rates published by the Petroleum Motor Transport Association.

9. Damages and Losses to Joint Property

All costs or expenses necessary for the repair or replacement of Joint Property made necessary because of damages or losses incurred by fire, flood, storm, theft, accident, or other cause, except those resulting from Operator's gross negligence or willful misconduct. Operator shall furnish Non-Operator written notice of damages or losses incurred as soon as practicable after a report thereof has been received by Operator.

10. Legal Expense

Expense of handling, investigating and settling litigation or claims, discharging of liens, payment of judgements and amounts paid for settlement of claims incurred in or resulting from operations under the agreement or necessary to protect or recover the Joint Property, except that no charge for services of Operator's legal staff or fees or expense of outside attorneys shall be made unless previously agreed to by the Parties. All other legal expense is considered to be covered by the overhead provisions of Section III unless otherwise agreed to by the Parties, except as provided in Section I, Paragraph 3.

11. Taxes

All taxes of every kind and nature assessed or levied upon or in connection with the Joint Property, the operation thereof or the production therefrom, and which taxes have been paid by the Operator for the benefit of the Parties. If the ad valorem taxes are based in whole or in part upon separate valuations of each party's working interest, then notwithstanding anything to the contrary herein, charges to the Joint Account shall be made and paid by the Parties hereto in accordance with the tax value generated by each party's working interest.

12. Insurance

Net premiums paid for insurance required to be carried for the Joint Operations for the protection of the Parties. In the event Joint Operations are conducted in a state in which Operator may act as self-insurer for Worker's Compensation and or Employers Liability under the respective state's laws, Operator may, at its election, include the risk under its self-insurance program and in that event, Operator shall include a charge at Operator's cost not to exceed manual rates.

13. Abandonment and Reclamation

Costs incurred for abandonment of the Joint Property, including costs required by governmental or other regulatory authority.

14. Communications

Cost of acquiring, leasing, installing, operating, repairing and maintaining communication systems, including radio and microwave facilities directly serving the Joint Property. In the event communication facilities/systems serving the Joint Property are Operator owned, charges to the Joint Account shall be made as provided in Paragraph 8 of this Section II.

15. Other Expenditures

Any other expenditure not covered or dealt with in the foregoing provisions of this Section II, or in Section III and which is of direct benefit to the Joint Property and is incurred by the Operator in the necessary and proper conduct of the Joint Operations.

III. OVERHEAD

1. Overhead - Drilling and Producing Operations

- i. As compensation for administrative, supervision, office services and warehousing costs, Operator shall charge drilling and producing operations on either:

~~(X)~~ Fixed Rate Basis, Paragraph 1A, or
() Percentage Basis, Paragraph 1B

Unless otherwise agreed to by the Parties, such charge shall be in lieu of costs and expenses of all offices and salaries or wages plus applicable burdens and expenses of all personnel, except those directly chargeable under Paragraph 3A, Section II. ~~The cost and expense of services from outside sources in connection with matters of taxation, auditing, accounting or matters before or involving governmental agencies shall be considered as included in the overhead rates provided for in the above selected Paragraph of this Section III unless such cost and expense are agreed to by the Parties as a direct charge to the Joint Account.~~

- ii. The salaries, wages and Personal Expenses of Technical Employees and/or the cost of professional consultant services and contract services of technical personnel directly employed on the Joint Property:

() shall be covered by the overhead rates, or
~~(X)~~ shall not be covered by the overhead rates.

- iii. The salaries, wages and Personal Expenses of Technical Employees and/or costs of professional consultant services and contract services of technical personnel either temporarily or permanently assigned to and directly employed in the operation of the Joint Property:

() shall be covered by the overhead rates, or
~~(X)~~ shall not be covered by the overhead rates.

A. Overhead - Fixed Rate Basis

- (1) Operator shall charge the Joint Account at the following rates per well per month:

Drilling Well Rate \$ 3,000.00
(Prorated for less than a full month)

Producing Well Rate \$ 300.00

- (2) Application of Overhead - Fixed Rate Basis shall be as follows:

(a) Drilling Well Rate

- (1) Charges for drilling wells shall begin on the date the well is spudded and terminate on the date the drilling rig, completion rig, or other units used in completion of the well is released, whichever is later, except that no charge shall be made during suspension of drilling or completion operations for fifteen (15) or more consecutive calendar days.
- (2) Charges for wells undergoing any type of workover or recompletion for a period of five (5) consecutive work days or more shall be made at the drilling well rate. Such charges shall be applied for the period from date workover operations, with rig or other units used in workover, commence through date of rig or other unit release, except that no charge shall be made during suspension of operations for fifteen (15) or more consecutive calendar days.

(b) Producing Well Rates

- (1) An active well either produced or injected into for any portion of the month shall be considered as a one-well charge for the entire month.
- (2) Each active completion in a multi-completed well in which production is not commingled down hole shall be considered as a one-well charge providing each completion is considered a separate well by the governing regulatory authority.
- (3) An inactive gas well shut in because of overproduction or failure of purchaser to take the production shall be considered as a one-well charge providing the gas well is directly connected to a permanent sales outlet.
- (4) A one-well charge shall be made for the month in which plugging and abandonment operations are completed on any well. This one-well charge shall be made whether or not the well has produced except when drilling well rate applies.
- (5) All other inactive wells (including but not limited to inactive wells covered by unit allowable, lease allowable, transferred allowable, etc.) shall not qualify for an overhead charge.

- (3) The well rates shall be adjusted as of the first day of April each year following the effective date of the agreement to which this Accounting Procedure is attached. The adjustment shall be computed by multiplying the rate currently in use by the percentage increase or decrease in the average weekly earnings of Crude Petroleum and Gas Production Workers for the last calendar year compared to the calendar year preceding as shown by the index of average weekly earnings of Crude Petroleum and Gas Production Workers as published by the United States Department of Labor, Bureau of Labor Statistics, or the equivalent Canadian index as published by Statistics Canada, as applicable. The adjusted rates shall be the rates currently in use, plus or minus the computed adjustment.

~~B. Overhead - Percentage Basis~~

- ~~(1) Operator shall charge the Joint Account at the following rates:~~

(a) Development

Percent (%) of the cost of development of the Joint Property exclusive of costs provided under Paragraph 10 of Section II and all salvage credits.

(b) Operating

Percent (%) of the cost of operating the Joint Property exclusive of costs provided under Paragraphs 2 and 10 of Section II, all salvage credits, the value of injected substances purchased for secondary recovery and all taxes and assessments which are levied, assessed and paid upon the mineral interest in and to the Joint Property.

(2) Application of Overhead - Percentage Basis shall be as follows:

For the purpose of determining charges on a percentage basis under Paragraph 1B of this Section III, development shall include all costs in connection with drilling, re-drilling, deepening, or any remedial operations on any or all wells involving the use of drilling rig and crew capable of drilling to the producing interval on the Joint Property; also, preliminary expenditures necessary in preparation for drilling and expenditures incurred in abandoning when the well is not completed as a producer, and original cost of construction or installation of fixed assets, the expansion of fixed assets and any other project clearly discernible as a fixed asset, except Major Construction as defined in Paragraph 2 of this Section III. All other costs shall be considered as operating.

2. Overhead - Major Construction

To compensate Operator for overhead costs incurred in the construction and installation of fixed assets, the expansion of fixed assets, and any other project clearly discernible as a fixed asset required for the development and operation of the Joint Property, Operator shall either negotiate a rate prior to the beginning of construction, or shall charge the Joint Account for overhead based on the following rates for any Major Construction project in excess of \$ 75,000.00 :

- A. Five % of first \$100,000 or total cost if less, plus
- B. Three % of costs in excess of \$100,000 but less than \$1,000,000, plus
- C. Two % of costs in excess of \$1,000,000.

Total cost shall mean the gross cost of any one project. For the purpose of this paragraph, the component parts of a single project shall not be treated separately and the cost of drilling and workover wells and artificial lift equipment shall be excluded.

3. Catastrophe Overhead

To compensate Operator for overhead costs incurred in the event of expenditures resulting from a single occurrence due to oil spill, blowout, explosion, fire, storm, hurricane, or other catastrophes as agreed to by the Parties, which are necessary to restore the Joint Property to the equivalent condition that existed prior to the event causing the expenditures, Operator shall either negotiate a rate prior to charging the Joint Account or shall charge the Joint Account for overhead based on the following rates:

- A. Five % of total costs through \$100,000; plus
- B. Three % of total costs in excess of \$100,000 but less than \$1,000,000; plus
- C. Two % of total costs in excess of \$1,000,000.

Expenditures subject to the overheads above will not be reduced by insurance recoveries, and no other overhead provisions of this Section III shall apply.

4. Amendment of Rates

The overhead rates provided for in this Section III may be amended from time to time only by mutual agreement between the Parties hereto if, in practice, the rates are found to be insufficient or excessive.

IV. PRICING OF JOINT ACCOUNT MATERIAL PURCHASES, TRANSFERS AND DISPOSITIONS

Operator is responsible for Joint Account Material and shall make proper and timely charges and credits for all Material movements affecting the Joint Property. Operator shall provide all Material for use on the Joint Property; however, at Operator's option, such Material may be supplied by the Non-Operator. Operator shall make timely disposition of idle and/or surplus Material, such disposal being made either through sale to Operator or Non-Operator, division in kind, or sale to outsiders. Operator may purchase, but shall be under no obligation to purchase, interest of Non-Operators in surplus condition A or B Material. The disposal of surplus Controllable Material not purchased by the Operator shall be agreed to by the Parties.

1. Purchases

Material purchased shall be charged at the price paid by Operator after deduction of all discounts received. In case of Material found to be defective or returned to vendor for any other reasons, credit shall be passed to the Joint Account when adjustment has been received by the Operator.

2. Transfers and Dispositions

Material furnished to the Joint Property and Material transferred from the Joint Property or disposed of by the Operator, unless otherwise agreed to by the Parties, shall be priced on the following basis exclusive of cash discounts:

A. New Material (Condition A)

(1) Tubular Goods Other than Line Pipe

- (a) Tubular goods, sized 2½ inches OD and larger, except line pipe, shall be priced at Eastern mill published carload base prices effective as of date of movement plus transportation cost using the 80,000 pound carload weight basis to the railway receiving point nearest the Joint Property for which published rail rates for tubular goods exist. If the 80,000 pound rail rate is not offered, the 70,000 pound or 90,000 pound rail rate may be used. Freight charges for tubing will be calculated from Lorain, Ohio and casing from Youngstown, Ohio.
- (b) For grades which are special to one mill only, prices shall be computed at the mill base of that mill plus transportation cost from that mill to the railway receiving point nearest the Joint Property as provided above in Paragraph 2A.(1)(a). For transportation cost from points other than Eastern mills, the 30,000 pound Oil Field Haulers Association interstate truck rate shall be used.
- (c) Special end finish tubular goods shall be priced at the lowest published out-of-stock price, f.o.b. Houston, Texas, plus transportation cost, using Oil Field Haulers Association interstate 30,000 pound truck rate, to the railway receiving point nearest the Joint Property.
- (d) Macaroni tubing (size less than 2½ inch OD) shall be priced at the lowest published out-of-stock prices f.o.b. the supplier plus transportation costs, using the Oil Field Haulers Association interstate truck rate per weight of tubing transferred, to the railway receiving point nearest the Joint Property.

(2) Line Pipe

- (a) Line pipe movements (except size 24 inch OD and larger with walls ¾ inch and over) 30,000 pounds or more shall be priced under provisions of tubular goods pricing in Paragraph A.(1)(a) as provided above. Freight charges shall be calculated from Lorain, Ohio.
 - (b) Line pipe movements (except size 24 inch OD and larger with walls ¾ inch and over) less than 30,000 pounds shall be priced at Eastern mill published carload base prices effective as of date of shipment, plus 20 percent, plus transportation costs based on freight rates as set forth under provisions of tubular goods pricing in Paragraph A.(1)(a) as provided above. Freight charges shall be calculated from Lorain, Ohio.
 - (c) Line pipe 24 inch OD and over and ¾ inch wall and larger shall be priced f.o.b. the point of manufacture at current new published prices plus transportation cost to the railway receiving point nearest the Joint Property.
 - (d) Line pipe, including fabricated line pipe, drive pipe and conduit not listed on published price lists shall be priced at quoted prices plus freight to the railway receiving point nearest the Joint Property or at prices agreed to by the Parties.
- (3) Other Material shall be priced at the current new price, in effect at date of movement, as listed by a reliable supply store nearest the Joint Property, or point of manufacture, plus transportation costs, if applicable, to the railway receiving point nearest the Joint Property.
- (4) Unused new Material, except tubular goods, moved from the Joint Property shall be priced at the current new price, in effect on date of movement, as listed by a reliable supply store nearest the Joint Property, or point of manufacture, plus transportation costs, if applicable, to the railway receiving point nearest the Joint Property. Unused new tubulars will be priced as provided above in Paragraph 2 A (1) and (2).

B. Good Used Material (Condition B)

Material in sound and serviceable condition and suitable for reuse without reconditioning:

(1) Material moved to the Joint Property

At seventy-five percent (75%) of current new price, as determined by Paragraph A.

(2) Material used on and moved from the Joint Property

(a) At seventy-five percent (75%) of current new price, as determined by Paragraph A, if Material was originally charged to the Joint Account as new Material or

(b) At sixty-five percent (65%) of current new price, as determined by Paragraph A, if Material was originally charged to the Joint Account as used Material.

(3) Material not used on and moved from the Joint Property

At seventy-five percent (75%) of current new price as determined by Paragraph A.

The cost of reconditioning, if any, shall be absorbed by the transferring property.

C. Other Used Material

(1) Condition C

Material which is not in sound and serviceable condition and not suitable for its original function until after reconditioning shall be priced at fifty percent (50%) of current new price as determined by Paragraph A. The cost of reconditioning shall be charged to the receiving property, provided Condition C value plus cost of reconditioning does not exceed Condition B value.

(2) Condition D

Material, excluding junk, no longer suitable for its original purpose, but usable for some other purpose shall be priced on a basis commensurate with its use. Operator may dispose of Condition D Material under procedures normally used by Operator without prior approval of Non-Operators.

- (a) Casing, tubing, or drill pipe used as line pipe shall be priced as Grade A and B seamless line pipe of comparable size and weight. Used casing, tubing or drill pipe utilized as line pipe shall be priced at used line pipe prices.
- (b) Casing, tubing or drill pipe used as higher pressure service lines than standard line pipe, e.g. power oil lines, shall be priced under normal pricing procedures for casing, tubing, or drill pipe. Upset tubular goods shall be priced on a non upset basis.

(3) Condition E

Junk shall be priced at prevailing prices. Operator may dispose of Condition E Material under procedures normally utilized by Operator without prior approval of Non-Operators.

D. Obsolete Material

Material which is serviceable and usable for its original function but condition and/or value of such Material is not equivalent to that which would justify a price as provided above may be specially priced as agreed to by the Parties. Such price should result in the Joint Account being charged with the value of the service rendered by such Material.

E. Pricing Conditions

- (1) Loading or unloading costs may be charged to the Joint Account at the rate of twenty-five cents (25¢) per hundred weight on all tubular goods movements, in lieu of actual loading or unloading costs sustained at the stocking point. The above rate shall be adjusted as of the first day of April each year following January 1, 1985 by the same percentage increase or decrease used to adjust overhead rates in Section III, Paragraph 1.A(3). Each year, the rate calculated shall be rounded to the nearest cent and shall be the rate in effect until the first day of April next year. Such rate shall be published each year by the Council of Petroleum Accountants Societies.
- (2) Material involving erection costs shall be charged at applicable percentage of the current knocked-down price of new Material.

3. Premium Prices

Whenever Material is not readily obtainable at published or listed prices because of national emergencies, strikes or other unusual causes over which the Operator has no control, the Operator may charge the Joint Account for the required Material at the Operator's actual cost incurred in providing such Material, in making it suitable for use, and in moving it to the Joint Property; provided notice in writing is furnished to Non-Operators of the proposed charge prior to billing Non-Operators for such Material. Each Non-Operator shall have the right, by so electing and notifying Operator within ten days after receiving notice from Operator, to furnish in kind all or part of his share of such Material suitable for use and acceptable to Operator.

4. Warranty of Material Furnished By Operator

Operator does not warrant the Material furnished. In case of defective Material, credit shall not be passed to the Joint Account until adjustment has been received by Operator from the manufacturers or their agents.

V. INVENTORIES

The Operator shall maintain detailed records of Controllable Material.

1. Periodic Inventories, Notice and Representation

At reasonable intervals, inventories shall be taken by Operator of the Joint Account Controllable Material. Written notice of intention to take inventory shall be given by Operator at least thirty (30) days before any inventory is to begin so that Non-Operators may be represented when any inventory is taken. Failure of Non-Operators to be represented at an inventory shall bind Non-Operators to accept the inventory taken by Operator.

2. Reconciliation and Adjustment of Inventories

Adjustments to the Joint Account resulting from the reconciliation of a physical inventory shall be made within six months following the taking of the inventory. Inventory adjustments shall be made by Operator to the Joint Account for overages and shortages, but, Operator shall be held accountable only for shortages due to lack of reasonable diligence.

3. Special Inventories

Special inventories may be taken whenever there is any sale, change of interest, or change of Operator in the Joint Property. It shall be the duty of the party selling to notify all other Parties as quickly as possible after the transfer of interest takes place. In such cases, both the seller and the purchaser shall be governed by such inventory. In cases involving a change of Operator, all Parties shall be governed by such inventory.

4. Expense of Conducting Inventories

- A. The expense of conducting periodic inventories shall not be charged to the Joint Account unless agreed to by the Parties.
- B. The expense of conducting special inventories shall be charged to the Parties requesting such inventories, except inventories required due to change of Operator shall be charged to the Joint Account.

I N S U R A N C E

ATTACHED TO AND MADE A PART OF THAT CERTAIN UNIT OPERATING AGREEMENT DATED 1st DAY OF December, 1992, BY AND BETWEEN HANSON OPERATING COMPANY, INC., AS OPERATOR, AND SIETE OIL & GAS CORPORATION, ET AL, AS NON-OPERATORS.

Operator shall at all times while conducting operations hereunder carry the following insurance for the protection and benefit of the Joint Account:

- (a) Workman's Compensation Insurance to comply with the applicable Federal and State Workman's Compensation laws.
- (b) General Public Liability insurance with bodily injury limits of \$500,000 each occurrence; and property damage limit of \$250,000 each occurrence/\$250,000 included.
- (c) Automobile Public Liability insurance with bodily injury limits of \$500,000 combined single limits.
- (d) Such other insurance that may be deemed necessary by the Operator to assure proper coverage of equipment and/or oil on the jointly owned property.

All losses not covered by standard form policies of insurance for hazards set out above shall be borne by the parties hereto as their interests may appear at the time of loss.

Operator shall notify Non-Operators promptly in writing of any occurrence wherein liability may exceed the limits of the insurance if covered by insurance.

CERTIFICATE OF COMPLIANCE

Attached to and made a part of that certain
Unit Operating Agreement dated December 1, 1992
Shugart Waterflood Unit, Hanson Operating Company, Inc.
as Operator, Eddy County, New Mexico

Unless this Agreement is exempted by law, rule, regulation or order, Operator shall comply with the following clauses contained in the Code of Federal Regulations (including any revision or redesignation thereof), which are incorporated herein by reference, the full text of which will be made available upon request:

48.C.F.R. Par.52.222-35	(Disabled and Vietnam Veterans);
48.C.F.R. Par.52.222-36	(Handicapped Workers);
48.C.F.R. Par.52.222-26	(Equal Opportunity);
48.C.F.R. Par.55.219-8 &-9	(Utilization of Small and Small Disadvantaged Business Concerns);
and	
48.C.F.R. Par.52.219-13	(Utilization of Women-Owned Small Businesses).

Where required by law and unless previously provided, Operator shall provide a Certificate of Non-Segregated Facilities to Non-Operator and shall require its contractors and subcontractors to so provide the same to Operator. Operator agrees and covenants that none of its employees or employees of its contractors or subcontractors who provide services pursuant to this Agreement are unauthorized aliens as defined in the Immigration Reform and Control Act of 1986.

EXHIBIT "F"

ATTACHED TO AND MADE A PART OF THAT CERTAIN UNIT OPERATING AGREEMENT
DATED DECEMBER 1, 1992, BETWEEN HANSON OPERATING COMPANY, INC. AS
OPERATOR, AND OTHER PARTIES SIGNATORY THERETO, AS NON-OPERATORS

NOTICE OF UNIT OPERATING AGREEMENT LIEN

STATE OF NEW MEXICO)
) ss.
COUNTY OF EDDY)

WHEREAS, a Unit Operating Agreement dated December 1, 1992, has been entered into between Hanson Operating Company, Inc. as Operator, and Siete Oil & Gas Corporation, et al as non-operating working interest owners under and by virtue of which the parties to said agreement, as respective owners of the following described oil and gas leasehold interests and unleased mineral interests situated in Eddy County, New Mexico, to-wit:

Those lands described in Exhibit "B" of the Unit Agreement as referenced in Article 2 in the Unit Operating Agreement.

have agreed with respect to the exploration, development, and operation of their said interests, insofar as said interests pertain to the following described land (hereinafter called Contract Area) in Eddy County, New Mexico, to-wit:

Limited in depths as to the Unitized Formation as set out in Article 2.2 of the Unit Agreement.

and,

WHEREAS, it is the intent of the parties to file this instrument of Notice in the Deed Records of Eddy County, New Mexico,

NOW, THEREFORE, Hanson Operating Company, Inc. as Unit Operator under the above referenced Unit Operating Agreement and Siete Oil & Gas Corporation et al, as non-operators do hereby grant to each other those rights under the same Agreements regarding lien priorities upon the property described above insofar as said parties' property is covered by the terms of the Unit Operating Agreement and Gas Balancing Agreement outlined herein.

A carbon, photographic or other reproduction of this Notice shall be sufficient as a financing statement.

This instrument shall be binding upon all who execute it (or any counterparts thereof) as well as their successors and assigns, whether or not named in the Unit Operating Agreement referenced above, and without regard to whether this same instrument, or any copy thereof, shall be executed.

Executed this First day of December, 1992.

HANSON OPERATING COMPANY, INC.

By: _____
Ray Willis, Vice-President
Management & Finance

STATE OF NEW MEXICO)
) ss.
COUNTY OF CHAVES)

The foregoing instrument was acknowledged before me this 1st day of December, 1992, by RAY WILLIS, Vice-President, Management & Finance, of Hanson Operating Company, Inc., a New Mexico corporation, on behalf of said corporation.

Notary Public

My Commission Expires:

GAS BALANCING AGREEMENT FORM

Attached to and made a part of Shugart Waterflood Unit,
Hanson Operating Company, Inc., as Operator, Eddy County, New Mexico

In consideration of each party's right to share proportionately in cumulative gas production and of the covenants and agreements herein contained to be kept and performed by each of the parties hereto, the undersigned agree as follows:

1. EFFECTIVE DATE

The effective date of this Agreement shall be the same as the effective date of the above referenced Unit Operating Agreement, unless otherwise specified herein.

2. GENERAL RIGHTS

(a) Right To Take Full Share Of Gas

Each party to the above referenced Unit Operating Agreement has specific rights relating to the taking and disposition of gas (including casinghead gas) produced, including the right to take in kind its share of gas produced from the applicable area and to market or otherwise dispose of same. At any time while said Unit Operating Agreement is in effect, in the event any party is not at any time taking or marketing its share of gas or has contracted to sell its share thereof to one or more purchasers who do not take the party's full share of gas, then the terms of this Agreement shall automatically become effective. Nothing in this Agreement shall deny any party the right to perform any deliverability tests (at that party's sole cost) which may be required under the terms of any contract between such party and its gas purchaser.

(b) Right Of Parties To Take And Produce All Gas

All gas produced from and after the effective date of this Agreement may be utilized or sold by the parties having a use or market for such gas. During any time period in which a party hereto has no market or use for its share of gas or during which its purchaser does not take its full share of gas, then each of the other parties hereto shall be entitled to take, and use or deliver to gas purchasers all such gas. In such event, the parties having a use or market for gas shall be entitled to require that the Operator produce such gas at the greater of the allowable gas production rate assigned to the unit or that which may be from time to time permitted by the regulatory body having jurisdiction, but in no event in excess of the highest rate at which gas can be efficiently produced without causing damage to the well, equip-

ment, pool or formation or resulting in an excessive decline or loss of reservoir energy.

(c) Basis For Balancing Of Production

All balancing shall be made on a wet stream gas basis. The provisions of this Agreement shall be applicable to the entire unit covered by the Unit Operating Agreement.

3. PRODUCTION BALANCING PROCEDURES

(a) Notices Regarding Gas To Be Taken

Prior to the date a party commences initial sale or utilization of gas hereunder, and prior to any resumption thereof following a period during which such party neither sold nor utilized such gas, and prior to any substantial increase in the portion of its share of gas to be sold or utilized by any party to this Agreement, such party shall notify in writing at least thirty (30) days in advance, the Operator and all overproduced parties as shown on the most current monthly balancing statement furnished by the Operator. Such notice shall state the date of such commencement, resumption or increase and the identify of the pipeline connection.

(b) Underproduced Parties' Gas

Each party not taking or marketing its full share of gas shall be credited, on a cumulative basis, with an amount of gas in storage in the reservoir equal to its full share of gas produced under the terms of this Agreement, less such party's share of gas used in lease operations, vented or lost, and less any gas taken by such party or delivered to its purchaser. Such a party, which has an overall cumulative underproduction as described herein, shall be referred to in this Agreement as an underproduced party.

(c) Gas Utilization And Balancing Statements

During the term hereof each party hereto shall, on a monthly basis within thirty (30) days following the end of each calendar month, furnish or cause to be furnished to the Operator a statement showing the volume of gas sold and/or utilized by said party during the immediately preceding month. The Operator in turn shall, not later than forty-five (45) days following the end of each calendar month furnish to each party a monthly balancing statement showing the status of the over and short accounts for gas utilization by all of the parties, based upon the Operator's records and most current monthly statements furnished by the parties hereto.

(d) "In-Kind" Balancing Of Gas Production Accounts

Subject to the restrictions hereinafter contained, each underproduced party shall have the right at any time and from time to time to request and take that percentage as stated below of its proportionate share of the current gas production from the unit to "in-kind" balance its gas production account.

(1) Notification to Operator and Overproduced Parties

The request of an underproduced party to take gas in addition to its proportionate share to balance its account shall be given in writing, in accordance with the notice provisions of this Agreement, at least thirty (30) days in advance to the Operator and to all those parties identified as being overproduced on the most current monthly balancing statement provided by the Operator. If an overproduced party is not so notified in accordance with the notice provisions of this Agreement of an underproduced party's request to take additional volumes of gas, which notice shall be in addition to any other notice required under this Agreement, said overproduced party's allocation shall not be affected by such a request.

(2) "Peak" and "Offpeak" Balancing Limitations

Subject to Paragraph 3.(e) hereof, upon giving the hereinabove required notices, each underproduced party shall, in addition to its proportionate share of gas from the unit, be entitled to produce and take during any "peak" month an amount of gas equal to one hundred twenty percent (120%) {or during any "offpeak" month an amount of gas equal to one hundred fifty percent (150%)} of the underproduced parties' proportionate share of gas production therefrom. For purposes of this Agreement, "peak" months shall be the months of November, December, January, February and March, and "nonpeak" months shall be all other months of the year. During "peak" months, any overproduced party, at its sole option, may make available to any underproduced party or parties, gas in excess of the additional one hundred twenty percent (120%) provided for hereinabove.

(e) Production Balancing By Multiple Underproduced Parties

If at any time more than one underproduced party is taking in excess of its share of gas from the unit in order to balance its gas production account, then in that event each of the underproduced parties shall be entitled to a share of the gas production therefrom, made available by the overproduced party or parties in the ratio that the underproduction of each such underproduced party bears to the total underproduction of all such underproduced parties.

(f) Maximum Gas Available For "In-Kind" Production Balancing

Notwithstanding any provision to the contrary contained in this Agreement, the rights of each underproduced party to take gas in addition to its proportionate share for purposes of balancing its production account shall be subordinate to the right of each overproduced party to take, during any calendar month, a volume of gas not less than sixty-six and two-thirds percent (66-2/3%) of such overproduced party's share of gas from the unit.

(g) Order of Balancing

All "in-kind" balancing of production accounts shall be on such basis that additional volumes of gas taken by an underproduced party shall be first credited against each overproduced party's oldest unbalanced overproduction, unless otherwise agreed by the underproduced and overproduced parties involved.

4. SHARING LIQUIDS AND CONDENSATES

The parties hereto shall share in and own all liquid hydrocarbons recovered from such gas by lease separators and traps in accordance with their respective interests and subject to the Unit Operating Agreement to which this Agreement is attached or to which reference is made herein. Condensates and liquids recovered by other means, including but not limited to liquids recovered as a result of processing gas in gas plants or use of refrigeration units, shall be owned by the party taking the gas from which such liquids are recovered.

5. CASH BALANCING PROCEDURES

(a) General Provisions

1. Method and Basis of Cash Balancing

In making any cash balancing settlement of production accounts hereunder each underproduced party will be paid a sum of money by each overproduced party as hereinafter provided, with the Operator acting as the conduit for all such payments between the parties. Because gas prices tend to fluctuate, it is agreed that any underproduction credit against any overproduced party shall be credited against the overproduction of such party in the order of accrual. Each underproduced party will be paid a sum of money by the overproduced party equal to the amount received by such overproduced party for the overproduction including adjustment for BTU content and revenue, if any, due to liquids saved and sold as a part of the settlement price less costs accrued off lease and borne by the overproduced party in marketing, treating, processing, transporting, gathering, compressing, dehydrating or storing said gas and less all applicable taxes paid by such over-

produced party or parties. In no event shall the overproduced party be required to make a cash settlement at a price greater than the amount it received, less the aforementioned deductions. Payments by each overproduced party to the Operator shall be made within thirty (30) days following the issuance by the Operator of the final balancing statement upon which settlement of over and short accounts is to be made hereunder. Payments by the Operator to underproduced parties shall be made within thirty (30) days after its receipt of all such payments from all overproduced parties. Except to the extent of any Operator's lien as provided in the Unit Operating Agreement to which this Agreement is attached or any interest therein of the Operator as an underproduced party, the Operator shall be merely a stakeholder as to payments made to it by overproduced parties for transfer to underproduced parties and Operator shall have no ownership interest in such funds.

(2) Valuation Where Not All Overproduced Gas Was Sold

In the event an overproduced party sells only part of the gas taken by such party then for the purpose of any cash balancing, gas taken but not sold by such overproduced party shall be valued at the sales price received, less the aforementioned deductions, for gas sold by such party during the month in which such overproduction occurred.

(3) Valuation Of Overproduced Gas Sold Under Multiple Contracts

In the event an overproduced party has sold gas under more than one contract, payment to any underproduced party therefor shall be on the basis of the volume weighted average price received by the overproduced party under all such contracts.

(4) Valuation Of Overproduced Gas Where None Was Sold

During periods in which an overproduced party took all its gas and made no sales, the gas shall be valued for the purposes of this provision at the lesser of the price such overproduced party could have received for such gas if it had been actually sold and delivered under such overproduced party's gas contract, if any, or the volume weighted average price received for simultaneous sale from the unit made by other parties to this Agreement. In the event an overproduced party took gas during a period when it did not have a gas contract and when no other party to this Agreement took gas from the unit, then such gas shall be valued at the Market Value for similar gas. "Market Value" shall mean the average of the interstate and intrastate wellhead spot sales prices covering the first full week of the month for the area

from which the production occurred as set forth in the "Gas Price Trends" section of Natural Gas Week, published by The Oil Daily, Inc. (or any successor to such section or publication), or a mutually agreeable similar gas price publication should the same either 1) fail to include prices necessary to calculate Market Value or 2) cease to be published.

(5) Monies Subject To Refund Under Regulatory Order

If any portion of a price used to determine value or "Market Value" is or has been collected subject to refund upon order of the Federal Energy Regulatory Commission (FERC) or other regulatory agency having jurisdiction thereover, unless the underproduced party furnishes a corporate undertaking agreement or indemnity bond acceptable to the overproduced party to hold the overproduced party harmless from financial loss, including interest at FERC prescribed rates, due to action by the FERC, then that portion of the price subject to refund shall be withheld by the overproduced party and shall not be paid unless and until such refundable portion of said price is ultimately approved by the FERC and no longer subject to further appeal.

(b) Final Cash Balancing

Should production of gas from the unit be permanently discontinued at a point in time when the parties hereto are not in balance, then in that event upon issuance by the Unit Operator of the final balancing statement for the unit, a cash settlement will be made between the underproduced and overproduced parties according to the terms and on the basis hereinabove provided.

6. PAYMENT OF ROYALTIES, PRODUCTION TAXES AND OPERATING EXPENSES

(a) Royalties

Unless otherwise required by any State or Federal law or regulation, each party hereto will pay royalties on gas production to the respective royalty owners to whom they are accountable and in accordance with their respective agreements with those royalty owners, just as if each party were taking or delivering to a purchaser its share, and only its share, of total gas production. The term "royalty" shall include royalties, overriding royalties, production payments, net profits interests, carried working interests, and any similar burdens.

(b) Production Taxes

Unless otherwise required by any State or Federal law or regulation, each party producing and taking or delivering gas to

its purchaser, or otherwise disposing of gas, shall pay any and all production taxes due on such gas.

(c) Operating Expenses And Operator's Lien

Operating expenses are to be borne as provided in the Unit Operating Agreement to which this Agreement is attached regardless of whether all parties are selling or using gas or whether the sales and use of each are in proportion to percentage ownership. Nothing in this Agreement shall alter or diminish any lien rights granted to Unit Operator by the Unit Operating Agreement to which this Agreement is attached.

7. RECORDS REQUIREMENTS AND AUDIT RIGHTS

(a) Records Retention

Each overproduced party shall maintain, in accordance with accepted accounting methods, standards and procedures, and for the purposes of the herein referenced audit or audits, accurate and complete records for the unit on volumes of gas sold or utilized, BTU content, prices received and all other matters necessary or relevant to ensuring a balancing of production accounts in accordance with the provisions, purposes and intent of this Agreement. No party shall be required to retain volume charts for any period in excess of two (2) years from the date of production. Except as otherwise provided herein, such records shall be kept by each overproduced party as to its cumulative overproduction until two (2) years after all underproduced parties have agreed to or accepted the balancing of production accounts with such overproduced party or parties as to the overproduction covered by such records.

(b) Audits By Underproduced Parties

Subject to the provisions hereinafter set out, at any time, and from time to time, the underproduced parties shall have the right to designate a representative to audit the Unit Operator's and any or all overproduced parties' records pertaining to gas sold or utilized by such overproduced party or parties during the time or times such overproduction occurred, which records shall include, but shall not be limited to, information on the volumes and values received by the overproduced party or parties, including pricing provisions in sales contracts of overproduced parties.

8. TERMINATION

This Agreement shall terminate when gas production from all formations covered by the Unit Operating Agreement has been permanently discontinued and all gas production accounts have been balanced according to the provisions of this Agreement, or when the Unit Operating Agreement terminates, whichever is later.

9. INDEMNITY

Each party hereby agrees to indemnify, defend and hold harmless the other parties hereto against all liability and claims which may be asserted by third parties who now or hereafter stand in a contractual relationship with such indemnifying party arising out of the operation of this Agreement or activities of the indemnifying party under its provisions, and further agrees to save the other parties hereto harmless from all judgments or damages sustained and costs incurred, including attorney's fees, in connection therewith.

10. SUCCESSION AND ASSIGNMENT

(a) Notification of Transferee

The terms, covenants and conditions of this Agreement shall be binding upon and shall inure to the benefit of the parties hereto and their respective heirs, representatives, successors and assigns. The parties hereto agree to give notice of the existence of this Agreement to any successor in interest and make any transfer of any interest subject both to the Unit Operating Agreement and to the terms of this Agreement. Unless prior to such transfer a cash settlement has been made as to all unbalanced production from the unit subject to the transfer of interest, any transfer by an overproduced party of all or any part of its interest therein shall expressly provide for full assumption by the transferee of all then existing obligations of the transferor to underproduced parties, including all unsatisfied cash settlement obligations for overproduction. Such assumption by the transferee shall not relieve the transferor of any obligations for transfer's unbalanced overproduction nor shall the failure or omission of any underproduced party to require a cash settlement in accordance with this Agreement constitute a waiver of such party's rights to a balancing of such underproduction in accordance with this Agreement.

(b) Notice To Parties And Optional Cash Balancing

Upon any sale, assignment or other disposition, hereinafter called "transfer", by an overproduced party (other than through mergers or reorganizations) of all or any part of its interest in the unit, such party shall give notice thereof to the Unit Operator and to all underproduced parties at least ninety (90) days prior to the anticipated closing date of the transfer. Each underproduced party so notified shall have until thirty (30) days prior to the later of the anticipated closing date or the actual closing date of the transfer within which to notify the overproduced party of its election to receive a cash settlement for its share of the overproduced party's overproduction on the same basis as though the unit subject to the transfer of interest had permanently ceased production. In the event the overproduced party making the transfer should fail to notify an underproduced party as re-

quired above, then any underproduced party not so notified shall have a lien upon the interest transferred in the amount of the cash settlement to which the underproduced party would otherwise have been entitled, which lien shall be subordinate only to any valid Unit Operator's lien provided for in the Unit Operating Agreement to which this Agreement is attached, and which lien shall not be in lieu or waiver of any other legal rights of such underproduced party, who shall have a cause of action against and be entitled to recover from such overproduced party and his transferee, or either of them, such cash settlement amount, plus costs, attorney's fees and interest at the highest legal rate from the date of the transfer, in addition to exercising rights under the lien herein granted.

11. NOTICES

All requests and notices hereunder shall be given separately as to each matter for which the same is required, in writing, within the time limits specified, by certified mail return receipt requested, postage prepaid and properly addressed to the party to whom the request or notice is to be directed at the address shown in the Schedule of Addresses attached hereto. In the event any party fails or omits to specify an address for receipt of such requests and notices, then any such request or notice shall be effective if given at the address for that party as shown in the Unit Operating Agreement to which this Agreement is attached and if no such address is shown in the Unit Operating Agreement, then at the address for such party as shown in the records of the Unit Operator. Requests or notices shall be deemed given upon the date the same is deposited in the United States Mails as hereinabove provided.

Any party hereto may designate a different address for the receipt of requests or notices by advising the other parties hereto of such change of address in writing in the same manner as that designated for giving requests and notices above. All parties may rely upon a certified mail return receipt as conclusive evidence of the giving of any request or notice transmitted therewith.

12. CAPTIONS AND HEADINGS

The captions and headings used in this Agreement are included only for the convenience of the parties and shall not be deemed to limit, increase or control the meaning or interpretation of the provisions of this Agreement.

SCHEDULE OF ADDRESSES

GAS BALANCING AGREEMENT FORM

Attached to and made a part of that certain Unit Operating
Agreement dated December 1, 1992
Shugart Waterflood Unit, Eddy County, New Mexico

For notices of intent to make-up gas or gas in-kind, the following address
applies:

HANSON OPERATING COMPANY, INC.
Post Office Box 1515
Roswell, New Mexico 88202-1515

For Balancing Statements issued by the Unit Operator and Production Volume
Statements issued by Purchasers, the following address applies:

HANSON OPERATING COMPANY, INC.
Post Office Box 1515
Roswell, New Mexico 88202-1515

NAMES & ADDRESSES - SHUGART WATERFLOOD UNIT - EDDY COUNTY, NEW MEXICO

FOR ROYALTY & OVERRIDING ROYALTY INTEREST OWNERS

RATIFICATIONS

Mrs. Anne R. Hyman
Mrs. Lynne H. Drazin
9212 East Nassau Avenue
Denver, Colorado 80237-1921

Mrs. Mary Charlene Conlee
Personal Representative
Estate of Marie L. Rapkoch, Dec'd
1060 Rainbow Drive
Las Cruces, New Mexico 88005-3833

Mrs. Blanche Stidham
1021 East Cypress
Lompoc, California 93436

Mr. Bernard R. Ginsberg
Mrs. Mary Hannah Ginsberg
Trustees U/T/A Dated 1-24-85
Post Office Box 100
Roswell, New Mexico 88202-0100

Mr. Bernard R. Ginsberg, Trustee
Benjamin B. Ginsberg Trust
Post Office Box 100
Roswell, New Mexico 88202-0100

Mrs. Sandra Leigh Terry
Post Office Box 42617
El Paso, Texas 79912-0617

First Baptist Church of Artesia
Post Office Box 1343
Artesia, New Mexico 88210

St. Paul's Protestant Episcopal
Church of Artesia
Post Office Box 1308
Artesia, New Mexico 88210

Ms. Sally R. Lanning
905 Hermosa Drive
Artesia, New Mexico 88210

Bureau of Land Management
Armando Lopez
Post Office Box 1397
Roswell, New Mexico 88202-1397

Mr. Bernard R. Gluck
Mrs. Ruth Gluck
Post Office Box 548
Las Cruces, New Mexico 88004-0548

Mrs. Mary Louise Scott
2958 Sundown Road
Las Cruces, New Mexico 88001-4612

Ginsberg Investments
Post Office Box 100
Roswell, New Mexico 88202-0100

Mr. Bernard R. Ginsberg, Trustee
Mabelle E. Ginsberg Trust
dated 1-18-85
Post Office Box 100
Roswell, New Mexico 88202-0100

Mrs. Barbara Kruse Frankenfield
10328 Stoneflower Drive
Parker, Colorado 80134-9545

Mrs. Susan Lynn Terry
Post Office Box 1167
Santa Teresa, New Mexico 88008

Immanuel Lutheran Church of Artesia
Post Office Box 1251
Artesia, New Mexico 88210

Mrs. Julia R. Keinath Calvert
905 Hermosa Drive
Artesia, New Mexico 88210

Mrs. Jean A. Nelson, P. R.
Estate of Ruby P. Prior, Dec'd
8281 Windham Drive
Mentor, Ohio 44060

Mr. William G. Parker
Mrs. Nancy Parker (Strong) Halsell
Mrs. Sylvia S. Voorhies
Trustees of Testamentary Trust
U/L/W/T of T. R. Parker, Deceased
Post Office Box 1281
Medford, Oregon 97501

Ms. Deirdre Jean Joyce
14 Hullcrest Road
Shelburne, Vermont 05482

Donald E. Blackmar Testamentary
Trust
Post Office Box 608
Roswell, New Mexico 88202-0608

Canadian Kenwood Company
a Minnesota Limited Partnership
800 Marquette Avenue
Minneapolis, Minnesota 55402

First National Bank of Pecos
Post Office Box 2077
Pecos, Texas 79772

WORKING INTEREST OWNERS

Hanson-McBride Petroleum Company
Post Office Box 1515
Roswell, New Mexico 88202-1515

Babe Development Co., Inc.
Post Office Box 758
Roswell, New Mexico 88202-0758

Mrs. Barbara Loffland Middleton
1114 Ridglea Bank Building
6300 Ridglea Place
Worth, Texas 76116-5765

Mr. Thomas R. Loffland
Mrs. Barbara Loffland Middleton
Co-Trustees Margaret R. Loffland Fort
Trust
1114 Ridglea Bank Building
6300 Ridglea Place
Fort Worth, Texas 76116-5765

Mr. Tom Loffland
1114 Ridglea Bank Building
6300 Ridglea Place
Fort Worth, Texas 76116-5765

McBride Oil & Gas Corporation
Post Office Box 1515
Roswell, New Mexico 88202-1515

Mr. Samuel S. Spencer
Post Office Box 2083
Roswell, New Mexico 88202-2083

Mr. Reagan S. Sweet
Post Office Box 1207
Roswell, New Mexico 88202-1207

Hanson Operating Company, Inc.
Post Office Box 1515
Roswell, New Mexico 88202-1515

Hilo Development Company
c/o Mr. Dale R. Gwilliam
Tempe City Center
1400 E. Southern Avenue #1040
Tempe, Arizona 85282-5679

Dr. Grover N. Shrader
1403 W. Lomita Blvd., Suite 301
Harbor City, California 90710-2076

Manzano Oil Corporation
Post Office Box 2107
Roswell, New Mexico 88202-2107

Siete Oil & Gas Corporation
Post Office Box 2523
Roswell, New Mexico 88202-2523

OPERATORS WITHIN THE SHUGART WATERFLOOD UNIT
AND OFFSET OPERATORS WITHIN ONE MILE OF THE UNIT BOUNDARY

Meridian Oil, Inc.
Post Office Box 51810
Midland, Texas 79710-1810

Ray Westall
Post Office Box 4
Loco Hills, New Mexico 88255

Yates Petroleum Corporation
105 South Fourth Street
Artesia, New Mexico 88210

JFG Enterprises
Post Office Box 100
Artesia, New Mexico 88210

Merit Energy Company
12221 Merit Drive, Suite 500
Dallas, Texas 75251

B & A Operating Co.
Post Office Box 136
Lovington, New Mexico 88260

Ozark Exploration
Suite 1525
Two Turtle Creek Village
Dallas, Texas 75219

SDX Resources, Inc.
Post Office Box 5061
Midland, Texas 79704

Trigg Family Trust
Post Office Box 520
Roswell, New Mexico 88202-0520

Manzano Oil Corporation
Post Office Box 2107
Roswell, New Mexico 88202-2107

C. E. LaRue
B. H. Muncy, Jr.
Post Office Box 196
Artesia, New Mexico 88210

Mack Energy Corp.
Post Office Box 276
Artesia, New Mexico 88210

Xeric Oil & Gas Company
Post Office Box 51311
Midland, Texas 79710

Siete Oil & Gas Corporation
Post Office Box 2523
Roswell, New Mexico 88202-2523

DOCKET: EXAMINER HEARING - THURSDAY - MARCH 18, 1993
8:15 A.M. - OIL CONSERVATION DIVISION CONFERENCE ROOM, STATE LAND OFFICE BUILDING,
SANTA FE, NEW MEXICO

Dockets Nos. 10-93 and 11-93 are tentatively set for April 8, 1993 and April 22, 1993. Applications for hearing must be filed at least 23 days in advance of hearing date.

The following cases will be heard before Michael E. Stogner, Examiner or David R. Catanach, Alternate Examiner:

CASE 10681: Application of MW Petroleum Corporation for a unit agreement, Lea County, New Mexico. Applicant seeks approval of the Button Up Unit Agreement for an area comprising 960 acres, more or less, of State land in Sections 3 and 10, Township 9 South, Range 32 East, which is centered approximately 4 1/2 miles southeast of Button Mesa.

CASE 10574: (Continued from March 4, 1993, Examiner Hearing.)

Application of Yates Petroleum Corporation for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to the base of the Canyon formation, at approximately 8,200 feet, underlying the following described acreage in Section 14, Township 20 South, Range 24 East, and in the following described manner: the N/2 to form a single standard 320-acre spacing and proration unit for any and all formations and/or pools developed on 320-acre spacing within said vertical extent (which presently includes but is not necessarily limited to the South Dagger Draw-Upper Pennsylvanian Associated Pool); the NE/4 and NW/4 to form two standard 160-acre gas spacing and proration units for any and all formations and/or pools developed on 160-acre spacing within said vertical extent; and the NW/4 NE/4 and SW/4 NW/4 to form two standard 40-acre oil spacing and proration units for any and all formations and/or pools developed on 40-acre spacing within said vertical extent. The proposed 320-acre unit is to be dedicated to either a single well to be drilled at a standard location in Unit B or Unit E or to both wells to be simultaneously dedicated to the 320-acre unit. Further the 160-acre gas unit comprising the NE/4 and the 40-acre oil unit comprising the NW/4 NE/4 are to be dedicated to the proposed well to be drilled in Unit B. The 160-acre gas unit comprising the NW/4 and the 40-acre oil unit comprising the SW/4 NW/4 are to be dedicated to the proposed well to be drilled in Unit E. Also to be considered will be the cost of drilling and completing said well or wells and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as the operator of each well and a charge for risk involved in drilling said well or wells. The subject area in this matter is located approximately 7.5 miles west by south of Seven Rivers, New Mexico.

CASE 10668: (Continued from February 18, 1993, Examiner Hearing.)

Application of Yates Petroleum Corporation for compulsory pooling, Eddy County, New Mexico. Applicant seeks an order pooling all mineral interests from the surface to the base of the Canyon formation underlying the NE/4 of Section 29, Township 19 South, Range 25 East forming a standard 160-acre spacing and proration unit for any and all formations and/or pools developed on 160-acre spacing within said vertical extent, which presently includes but is not necessarily limited to the Undesignated North Dagger Draw-Upper Pennsylvanian Pool. Said unit is to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as the operator of the well and a charge for risk involved in drilling said well. Said area is located approximately 8 miles west of Lakewood, New Mexico.

CASE 10682: Application of Nearburg Producing Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant seeks authorization to recomplete in the undesignated Delaware formation its Sueno 15 Well No. 1 which was drilled to the Strawn formation pursuant to Division Order No. R-9543 at an unorthodox location 2500 feet from the North line and 660 feet from the West line (Unit E) of Section 15, Township 22 South, Range 27 East. The NW/4 of said Section 15 is to be dedicated to said well forming a standard 160-acre gas spacing and proration unit. Said unit is located 1 mile east of Carlsbad, New Mexico.

CASE 10556: (Continued from February 18, 1993, Examiner Hearing.)

In the matter of Case 10556 being reopened pursuant to the provisions of Division Order No. R-9759, which order promulgated special pool rules and regulations for the Old Millman Ranch-Bone Spring Pool in Eddy County. Operators in said pool may appear and present evidence about the nature of the reservoir with regards to the proper classification of the pool as either oil or gas.

CASE 10683: Application of Meridian Oil Inc. for a non-standard proration and spacing unit, Lea County, New Mexico. Applicant seeks approval to establish a non-standard 160-acre proration and spacing unit in the Undesignated Rhodes Yates-Seven Rivers Gas Pool comprising the SE/4 SE/4 of Section 10 and the NE/4 NE/4 and S/2 NE/4 of Section 15, Township 26 South, Range 37 East, to be dedicated to its Gregory "B" Well No. 2 to be drilled at a standard location in Unit A of said Section 15. Said unit is located approximately 5 miles southeast of Jal, New Mexico.

CASE 10659: (Continued from March 4, 1993, Examiner Hearing.)

Application of Meridian Oil Inc. for a non-standard gas proration unit, Lea County, New Mexico. Applicant seeks approval to establish a non-standard 160-acre gas spacing and proration unit in the Undesignated Rhodes Yates-Seven Rivers Gas Pool comprising the E/2 E/2 of Section 7, Township 26 South, Range 37 East, being approximately 4 miles south of Jal, New Mexico. Said unit is to be dedicated to a well to be drilled at a standard gas well location in the NE/4 NE/4 (Unit A) of said Section 7.

CASE 10676: (Continued from March 4, 1993, Examiner Hearing.)

Application of Mitchell Energy Corporation for compulsory pooling, Eddy County, New Mexico. Applicant seeks an order pooling all mineral interests from the surface to the base of the Pennsylvanian formation underlying the following described areas in Section 35, Township 24 South, Range 29 East, and in the following manner: the N/2 forming a standard 320-acre gas spacing and proration unit for any and all formations and/or pools developed on 320-acre spacing within said vertical extent; the NW/4 forming a standard 160-acre gas spacing and proration unit for any and all formations and/or pools developed on 160-acre spacing within said vertical extent; the E/2 NW/4 forming a standard 80-acre oil spacing and proration unit for any and all formations and/or pools developed on 80-acre spacing within said vertical extent; and the SE/4 NW/4 forming a standard 40-acre oil spacing and proration unit for any and all formations and/or pools developed on 40-acre spacing within said vertical extent. Said units are to be dedicated to a single well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the costs thereof as well as actual operating costs and charges for supervision, designation of applicant as the operator of the well and a charge for risk involved in drilling said well. Said unit is located approximately 16 miles southeast of Carlsbad, New Mexico.

CASE 10684: **Application of SDX Resources, Inc. for approval of a waterflood project, Eddy County, New Mexico.** Applicant seeks authority to institute a waterflood project on its proposed Leonard Federal and Leonard B Federal Lease area located in portions of Section 33, Township 17 South, Range 29 East, by the injection of produced water into the Grayburg and San Andres formations through the Leonard B Federal Well No. 1 and the Leonard Federal Well No. 3, which are to be converted from producing oil wells. Said project area is located approximately 1/2 mile southeast of Bishop, New Mexico.

CASE 10685: **Application of Hanson Operating Company for statutory unitization, Eddy County, New Mexico.** Applicant seeks an order unitizing, for the purpose of establishing a secondary recovery project, all mineral interests in the Shugart Yates-Seven Rivers-Queen-Grayburg Pool underlying 1111.00 acres, more or less, of Federal and fee lands comprising portions of Township 18 South, Ranges 30 and 31 East, to be designated the Shugart Waterflood Unit Area. To be considered will be those matters required by the New Mexico Statutory Unitization Act, Subsection 70-7-1, et seq., N.M.S.A., 1978, and other provisions of the unit agreement and unit operating agreement. Said unit area is located approximately 8 miles south-southeast of Loco Hills, New Mexico.

CASE 10686: **Application of Hanson Operating Company, Inc. for approval of a waterflood project, Eddy County, New Mexico.** Applicant seeks authority to institute a waterflood project by injection of water into the Seven Rivers, Penrose and Middle Grayburg formations in its proposed Shugart Waterflood Unit Area (Division Case No. 10685) underlying portions of Sections 25 and 26, Township 18 South, Range 30 East, and Section 30, Township 18 South, Range 31 East. Said project is located approximately 8 miles south-southeast of Loco Hills, New Mexico.

CASE 10687: **Application of Mewbourne Oil Company for compulsory pooling, Eddy County, New Mexico.** Applicant seeks an order pooling all mineral interests from 500 feet below the top of the San Andres formation to the base of the Morrow formation underlying the following described areas in Section 17, Township 18 South, Range 28 East, and in the following manner: the E/2 forming a standard 320-acre gas spacing and proration unit for any and all formations and/or pools developed on 320-acre spacing within said vertical extent; and the SE/4 forming a standard 160-acre gas spacing and proration unit for any and all formations and/or pools developed on 160-acre spacing within said vertical extent. Said unit is to be dedicated to its Illinois Camp "17" State Well No. 2, to be drilled at a standard location within said E/2 proration unit. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well. Said unit is located approximately 2 miles north of Illinois Camp.

CASE 10688: Application of Mewbourne Oil Company for compulsory pooling, Eddy County, New Mexico. Applicant seeks an order pooling all mineral interests from the base of the Abo formation to the base of the Morrow formation underlying the following described areas in Section 31, Township 17 South, Range 28 East, and in the following manner: the S/2 forming a standard 320-acre gas spacing and proration unit for any and all formations and/or pools developed on 320-acre spacing within said vertical extent; the SE/4 forming a standard 160-acre gas spacing and proration unit for any and all formations and/or pools developed on 160-acre spacing within said vertical extent; and the SW/4 SE/4 forming a standard 40-acre oil spacing and proration unit for any and all formations and/or pools developed on 40-acre spacing within said vertical extent. Said unit is to be dedicated to its Chalk Bluff "31" State Well No. 1, to be drilled at a standard location within said S/2 proration unit. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well. Said unit is located approximately 1 mile southwest of the Baylor Triangulation Station.

CASE 10689: Application of Mewbourne Oil Company for compulsory pooling, Eddy County, New Mexico. Applicant seeks an order pooling all mineral interests from 500 feet below the top of the San Andres formation to the base of the Morrow formation underlying the following described areas in Section 17, Township 18 South, Range 28 East, and in the following manner: the W/2 forming a standard 320-acre gas spacing and proration unit for any and all formations and/or pools developed on 320-acre spacing within said vertical extent; and the NW/4 forming a standard 160-acre gas spacing and proration unit for any and all formations and/or pools developed on 160-acre spacing within said vertical extent. Said unit is to be dedicated to its Illinois Camp "17" State Well No. 1, to be drilled at a standard location within said W/2 proration unit. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well. Said unit is located approximately 2 miles north of Illinois Camp.

CASE 10690: Application of Santa Fe Energy Operating Partners, L.P. for a unit agreement, Eddy County, New Mexico. Applicant seeks approval of the Mosley Canyon Unit Agreement for an area comprising 2,402.38 acres, more or less, of Federal, State, and Fee lands in Sections 3, 4, 9 and 10, Township 24 South, Range 25 East, which is centered approximately 4 miles north of White City.

CASE 10666: (Readvertised)

Application of Santa Fe Energy Operating Partners, L.P. for compulsory pooling and a non-standard spacing and proration unit, Eddy County, New Mexico. Applicant seeks an order pooling all mineral interests from the surface to the base of the Morrow formation underlying the following described acreage in Section 18, Township 20 South, Range 27 East, and in the following manner: the E/2 forming a non-standard 320-acre gas spacing and proration unit for any and all formations and/or pools developed on 320-acre spacing within said vertical extent; which presently includes but is not necessarily limited to the McMillan-Morrow Gas Pool; the SE/4 forming a standard 160-acre gas spacing and proration unit for any and all formations and/or pools developed on 160-acre spacing within said vertical extent; and the NE/4 SE/4 forming a standard 40-acre oil spacing and proration unit for any and all formations and/or pools developed on 40-acre spacing within said vertical extent. Said units are to be dedicated to a single well to be drilled at an orthodox location 1980 feet from the South line and 660 feet from the East line (Unit I) of said Section 18. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well. Said area is located approximately 3 miles west by southwest of Burton Flat, New Mexico.

CASE 10691: Application of Santa Fe Energy Operating Partners, L.P. for vertical contraction and redesignation of an existing Delaware Oil Pool and pool creation, Eddy County, New Mexico. Applicant requests that the vertical limits of the Los Medanos-Delaware Pool be contracted to exclude all depths below 7,888 feet as found in the Santa Fe Energy Operating Partners, L.P. Pure Gold "C-17" Federal Well No. 4, located in Unit H of Section 17, Township 23 South, Range 31 East, and that said pool be redesignated as the Los Medanos-Upper Delaware Pool. Applicant further requests the creation of a new pool for lower Delaware production for all depths below 7,888 feet as found in said Pure Gold "C-17" Federal Well No. 4, to be designated as the Los Medanos-Basal Delaware Pool, with its horizontal limits comprising the SW/4 of Section 9, the W/2 of Section 16, and the NE/4 of Section 17, Township 23 South, Range 31 East. Said project is located immediately east of State Highway 128 approximately at mile marker 14.

CASE 10692: Application of Pogo Producing Company for special pool rules for the East Loving-Delaware Pool, Eddy County, New Mexico. Applicant seeks an order providing for a gas/oil ratio of 8,000 cubic feet of gas per barrel of oil produced for the East Loving-Delaware Pool, which covers all or parts of Sections 2, 3, 9, 10, 11, 13, 14, 15, 21, 22, 23, 24, 26, 27, 28, and 34 in Township 23 South, Range 28 East. Said pool is centered at Loving, New Mexico.

CASE 10647: (Continued from March 4, 1993, Examiner Hearing.)

Application of Seely Oil Company for statutory unitization, Lea County, New Mexico. Applicant seeks an order unitizing, for the purpose of establishing a secondary recovery project, all mineral interests in the EK-Yates-Seven Rivers-Queen Pool, underlying 1148.40 acres, more or less, of State land comprising portions of Township 18 South, Ranges 33 and 34 East, to be designated the Central EK Queen Unit Area. To be considered will be those matters required by the New Mexico Statutory Unitization Act, Subsection 70-7-1, et seq., N.M.S.A. 1978, and other provisions of the unit agreement and unit operating agreement. Said unit area is located approximately 22 miles west of Hobbs, New Mexico.

CASE 10648: (Continued from March 4, 1993, Examiner Hearing.)

Application of Seely Oil Company for approval of a waterflood project and qualification for the recovered oil tax rate, Lea County, New Mexico. Applicant seeks authority to institute a waterflood project by injection of water into the Yates, Seven Rivers and Queen formations in its proposed EK Queen Unit Area (Division Case No. 10647) underlying portions of Township 18 South, Ranges 33 and 34 East. The applicant further seeks to qualify this project for the recovered oil tax rate under the "Enhanced Oil Recovery Act" (Laws 1992, Chapter 38, Sections 1 through 5). Said project is centered approximately 22 miles west of Hobbs, New Mexico.