

**BROOKHAVEN COM B #3B NEW DRILL
WORKING INTEREST OWNERS**

<u>NAME</u>	<u>WORKING INTEREST</u>
Burlington Resources Oil & Gas Company Attn: James Strickler P.O. Box 4289 Farmington, NM 87499	50.927120%
Energen Resources MAQ, Inc. Attn: Rich Corcoran 2198 Bloomfield Highway Farmington, NM 87401	24.752346%
Westport Oil & Gas Company Attn: Kent Davis 410 Seventeenth Street, Ste 2300 Denver, CO 80202-4436	11.120620%
DACRESA GROUP:	
Marcia Berger	.939251%
WWR Enterprises Inc.	.939251%
Carolyn Nielsen Sedberry	1.878502%
Herbert R. Briggs	.939561%
William C. Briggs	.939561%
F. A. & H. B. Cronican Trust	1.052180%
Cyrene L. Inman	1.857198%
C. Fred Luthy, Jr.	1.857198%
C/o Bank of America Attn: Ed Di Re P.O. Box 25546 Fort Worth, TX 76113-2546	
Cheryl L. Potenziani P.O. Box 36600, Station D Albuquerque, NM 87176	.926702%
Roger B. Nielsen 1200 Danbury Dr. Mansfield, TX 76063	1.878502%

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BURLINGTON RESOURCES

SAN JUAN DIVISION

CERTIFIED MAIL-Return Receipt Requested

September 15, 1999

SEP 30 1999

WORKING INTEREST OWNERS
ON ATTACHED SHEET

RE: SECOND REQUEST-NEW DRILL PROPOSAL

Brookhaven Com B #3B (Mesaverde)
NE SE Sec. 16, T31N, R11W (E/2 Unit)
San Juan County, New Mexico

Ladies and Gentlemen:

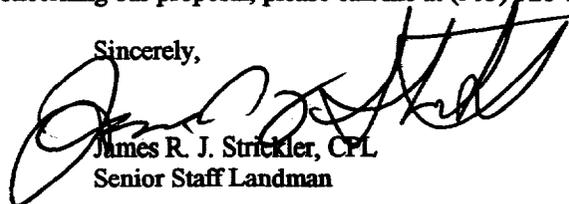
Burlington Resources Oil & Gas Company proposes the drilling and completion of the referenced Mesaverde well (proposed depth: 5,600'), which was originally proposed on December 14, 1998. This project has a total estimated cost of \$386,488.00 to be borne by the working interest owners detailed below:

<u>Name</u>	<u>Working Interest</u>	<u>Cost Share of AFE</u>
Burlington Resources	50.927120%	\$196,827
Energen Resources	24.752346%	\$95,665
Dacresa Group c/o Bank of America	10.394707%	\$40,174
Westport Oil & Gas Company	11.120620%	\$42,980
Cheryl L. Potenziani	.926702%	\$3,582
Roger B. Nielsen	1.878502%	\$7,260
Total:	<u>100.000000%</u>	<u>\$386,488</u>

The blanket operating agreement dated February 1, 1999, proposed on May 18, 1999 is enclosed for your review and approval. Please let us know if you wish to limit this Operating Agreement to the subject drill block lands. A revised Exhibit "A" shall be forwarded to you upon request.

Please indicate your approval of the above well proposal by signing and returning a copy of this letter ballot, AFE, and one (1) executed signature page for the Operating Agreement dated February 1, 1999, on or before September 30, 1999. If you should have any questions concerning our proposal, please call me at (505) 326-9756.

Sincerely,



James R. J. Strickler, CPL
Senior Staff Landman

JRS/cl

Enclosures

xx: NM-387A (Well file)

Agreed to and accepted this 25 day of September, 1999.

We agree to bear our proportionate share of the actual costs to drill and complete the Mesaverde formation in the Brookhaven Com B #3B well.

Company: _____

Name: Cheryl L. Potenziani

Title: _____

BURLINGTON RESOURCES

PLEASE RETURN TO
LAND-FARMINGTON

SAN JUAN DIVISION

December 14, 1998

28 1998

WORKING INTEREST OWNERS
DETAILED ON ATTACHED SHEET

RE: New Drill Proposal
Brookhaven Com B 3B
Mesaverde New Drill
NESE Sec. 16 T31N, R11W (E/2 Unit)
San Juan County, New Mexico

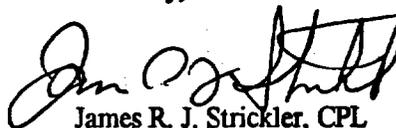
Ladies and Gentlemen:

Burlington Resources Oil & Gas Company proposes the drilling and completion of the above referenced Mesaverde well, located in the NESE of Sec. 16, T31N, R11W. This project will be performed at a total estimated cost of \$386,488.00 to be borne by the working interest owners detailed below:

Name	Working Interest	Cost Share of AFE
Burlington Resources	50.927120%	\$ 196,827
Energen Resources	35.872960%	\$ 138,645
Dacresa Group	13.199920%	\$ 51,016
TOTAL	100.000000%	\$ 386,488

Please indicate your approval of the above well proposal by signing and returning a copy of this letter ballot and AFE on or before thirty (30) days from your receipt. If you should have any questions concerning land me at (505) 326-9756.

Sincerely,


James R. J. Strickler, CPL
Senior Staff Landman

JRS:dg
Newdrills'98
Enclosures
xc: NM-387A (Well File)

Agreed to and accepted this 23 day of Dec, 1998.
We agree to bear our proportionate share of the actual costs to drill and complete the Mesaverde formation of the Brookhaven Com B #3B Well

Company: Guyford Potayian
Name: _____
Title: _____

BURLINGTON RESOURCES

San Juan Division
Post Office Box 4289
Farmington, New Mexico, 87499

AUTHORITY FOR EXPENDITURE

AFE No.: _____ Property Number: _____ Date: 10/22/98
 Lease/Well Name: Brookhaven Com B #3B DP Number: _____
 Field Prospect: Blanco Mesaverde Region: Farmington
 Location: Unit I, Section 16, T31N, R11W County: San Juan State: New Mexico
 AFE Type: Developmental (01) Original Supplement _____ API Well Type _____
 Operator: BURLINGTON RESOURCES
 Objective Formation: Blanco Mesaverde Authorized Total Depth: 5600'
 Project Description: Drill, complete, and facilitate a Mesaverde well.

Estimated Start Date: Jul-99 Prepared By: Kenneth M. Collins
 Estimated Completion Date: Jul-99

GROSS WELL DATA

	Drilling		Workover/ Completion	Construction Facility	Total
	Dry Hole	Suspended			
Days:		7	5	2	14
This AFE:		\$185,600	\$155,888	\$45,000	\$386,488
Prior AFE's:					\$0
Total Costs:	\$0	\$185,600	\$155,888	\$45,000	\$386,488

JOINT INTEREST OWNERS

Company:	Working Interest Percent	Dry Hole \$	Completed \$
BR Oil & Gas Co.:	50.927123%	\$0	\$196,827
TRUST	0.000000%	\$0	\$0
Others:	49.072877%	\$0	\$189,661
AFE TOTAL:	100.000000%	\$0	\$386,488

BURLINGTON RESOURCES APPROVAL

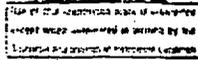
Recommended: Kenneth M. Collins Date: 10-22-98 Recommended: Ken Washburn Date: 10/26/98
 MV PUD Team MV PUD Team
 Approved: Ronald Clout Date: 10/24/98 Approved: Jim Washburn Date: 10-9-98
 MV PUD Team MV PUD Team

PARTNER APPROVAL

Company Name: Carolyn J. Peterson
 Authorized By: _____ Date: 12/23/98
 Title: _____

A.A.P.L. FORM 610-1982

MODEL FORM OPERATING AGREEMENT



OPERATING AGREEMENT

DATED

FEBRUARY 1 , 19 99 ,

OPERATOR BURLINGTON RESOURCES OIL & GAS COMPANY

CONTRACT AREA ALL LANDS COVERED BY THAT CERTAIN OPERATING

AGREEMENT DATED NOVEMBER 27, 1951, AS AMENDED (GLA 46) BETWEEN

BROOKHAVEN OIL COMPANY AND SAN JUAN PRODUCTION COMPANY.

COUNTY ~~OF BUREAU~~ OF SAN JUAN STATE OF NEW MEXICO

COPYRIGHT 1982 - ALL RIGHTS RESERVED
AMERICAN ASSOCIATION OF PETROLEUM
LANDMEN, 2408 CONTINENTAL LIFE BUILDING,
FORT WORTH, TEXAS, 76102, APPROVED FORM.
A.A.P.L. NO. 610 - 1982 REVISED

OPERATING AGREEMENT

THIS AGREEMENT, entered into by and between Burlington Resources Oil & Gas Company, hereinafter designated and referred to as "Operator", and the signatory party or parties other than Operator, sometimes hereinafter referred to individually herein as "Non-Operator", and collectively as "Non-Operators".

WITNESSETH:

WHEREAS, the parties to this agreement are owners of oil and gas leases and/or oil and gas interests in the land identified in Exhibit "A", and the parties hereto have reached an agreement to explore and develop these leases and/or oil and gas interests for the production of oil and gas to the extent and as hereinafter provided,

NOW, THEREFORE, it is agreed as follows:

ARTICLE I
DEFINITIONS

As used in this agreement, the following words and terms shall have the meanings here ascribed to them:

A. The term "oil and gas" shall mean oil, gas, casinghead gas, gas condensate, and all other liquid or gaseous hydrocarbons and other marketable substances produced therewith, unless an intent to limit the inclusiveness of this term is specifically stated.

B. The terms "oil and gas lease", "lease" and "leasehold" shall mean the oil and gas leases covering tracts of land lying within the Contract Area which are owned by the parties to this agreement.

C. The term "oil and gas interests" shall mean unleased fee and mineral interests in tracts of land lying within the Contract Area which are owned by parties to this agreement.

D. The term "Contract Area" shall mean all of the lands, oil and gas leasehold interests and oil and gas interests intended to be developed and operated for oil and gas purposes under this agreement. Such lands, oil and gas leasehold interests and oil and gas interests are described in Exhibit "A".

E. The term "drilling unit" shall mean the area fixed for the drilling of one well by order or rule of any state or federal body having authority. If a drilling unit is not fixed by any such rule or order, a drilling unit shall be the drilling unit as established by the pattern of drilling in the Contract Area or as fixed by express agreement of the Drilling Parties.

F. The term "drill site" shall mean the oil and gas lease or interest on which a proposed well is to be located.

G. The terms "Drilling Party" and "Consenting Party" shall mean a party who agrees to join in and pay its share of the cost of any operation conducted under the provisions of this agreement.

H. The terms "Non-Drilling Party" and "Non-Consenting Party" shall mean a party who elects not to participate in a proposed operation.

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

ARTICLE II
EXHIBITS

The following exhibits, as indicated below and attached hereto, are incorporated in and made a part hereof:

- A. Exhibit "A", shall include the following information:
 - (1) Identification of lands subject to this agreement,
 - (2) Restrictions, if any, as to depths, formations, or substances,
 - (3) Percentages or fractional interests of parties to this agreement,
 - (4) Oil and gas leases and/or oil and gas interests subject to this agreement,
 - (5) Addresses of parties for notice purposes.
- B. Exhibit "B", Form of Lease.
- C. Exhibit "C", Accounting Procedure.
- D. Exhibit "D", Insurance.
- E. Exhibit "E", Gas Balancing Agreement.
- F. Exhibit "F", Non-Discrimination and Certification of Non-Segregated Facilities.
- G. Exhibit "G", Tax Partnership.

If any provision of any exhibit, except Exhibits "E" and "G", is inconsistent with any provision contained in the body of this agreement, the provisions in the body of this agreement shall prevail.

**ARTICLE III.
INTERESTS OF PARTIES**

A. Oil and Gas Interests:

~~If any party owns an oil and gas interest in the Contract Area, that interest shall be treated for all purposes of this agreement and during the term hereof as if it were covered by the form of oil and gas lease attached hereto as Exhibit "B", and the owner thereof shall be deemed to own both the royalty interest reserved in such lease and the interest of the lessee thereunder.~~

B. Interests of Parties in Costs and Production:

Unless changed by other provisions, all costs and liabilities incurred in operations under this agreement shall be borne and paid, and all equipment and materials acquired in operations on the Contract Area shall be owned, by the parties as their interests are set forth in Exhibit "A". In the same manner, the parties shall also own all production of oil and gas from the Contract Area subject to the payment of royalties to the extent of one-eighth (1/8) which shall be borne as hereinafter set forth.

Regardless of which party has contributed the lease(s) and/or oil and gas interest(s) hereto on which royalty is due and payable, each party entitled to receive a share of production of oil and gas from the Contract Area shall bear and shall pay or deliver, or cause to be paid or delivered, to the extent of its interest in such production, the royalty amount stipulated hereinabove and shall hold the other parties free from any liability therefor. No party shall ever be responsible, however, on a price basis higher than the price received by such party, to any other party's lessor or royalty owner, and if any such other party's lessor or royalty owner should demand and receive settlement on a higher price basis, the party contributing the affected lease shall bear the additional royalty burden attributable to such higher price.

Nothing contained in this Article III.B. shall be deemed an assignment or cross-assignment of interests covered hereby.

C. Excess Royalties, Overriding Royalties and Other Payments:

Unless changed by other provisions, if the interest of any party in any lease covered hereby is subject to any royalty, overriding royalty, production payment or other burden on production in excess of the amount stipulated in Article III.B., such party so burdened shall assume and alone bear all such excess obligations and shall indemnify and hold the other parties hereto harmless from any and all claims and demands for payment asserted by owners of such excess burden.

D. Subsequently Created Interests:

If any party should hereafter create an overriding royalty, production payment or other burden payable out of production attributable to its working interest hereunder, ~~or if such a burden existed prior to this agreement and is not set forth in Exhibit "A", or was not disclosed in writing to all other parties prior to the execution of this agreement by all parties, or is not a jointly acknowledged and accepted obligation of all parties~~ (any such interest being hereinafter referred to as "subsequently created interest" ~~irrespective of the timing of its creation~~ and the party out of whose working interest the subsequently created interest is derived being hereinafter referred to as "burdened party"), and:

1. If the burdened party is required under this agreement to assign or relinquish to any other party, or parties, all or a portion of its working interest and/or the production attributable thereto, said other party, or parties, shall receive said assignment and/or production free and clear of said subsequently created interest and the burdened party shall indemnify and save said other party, or parties, harmless from any and all claims and demands for payment asserted by owners of the subsequently created interest; and,
2. If the burdened party fails to pay, when due, its share of expenses chargeable hereunder, all provisions of Article VII.B. shall be enforceable against the subsequently created interest in the same manner as they are enforceable against the working interest of the burdened party.

**ARTICLE IV.
TITLES**

A. Title Examination:

Title examination shall be made on the drillsite of any proposed well prior to commencement of drilling operations or, if the Drilling Parties so request, title examination shall be made on the leases and/or oil and gas interests included, or planned to be included, in the drilling unit around such well. The opinion will include the ownership of the working interest, minerals, royalty, overriding royalty and production payments under the applicable leases. At the time a well is proposed, each party contributing leases and/or oil and gas interests to the drillsite, or to be included in such drilling unit, shall furnish to Operator all abstracts (including federal lease status reports), title opinions, title papers and curative material in its possession free of charge. All such information not in the possession of or made available to Operator by the parties, but necessary for the examination of the title, shall be obtained by Operator. Operator shall cause title to be examined by attorneys on its staff or by outside attorneys. Copies of all title opinions shall be furnished to each party hereto. The cost incurred by Operator in this title program shall be borne as follows:

Option No. 1: Costs incurred by Operator in procuring abstracts and title examination (including preliminary, supplemental, shut-in gas royalty opinions and division order title opinions) shall be a part of the administrative overhead as provided in Exhibit "C", and shall not be a direct charge, whether performed by Operator's staff attorneys or by outside attorneys.

ARTICLE IV
continued

1 **Option No. 2:** Costs incurred by Operator in procuring abstracts and fees paid outside attorneys for title examination
2 (including preliminary, supplemental, shut-in gas royalty opinions and division order title opinions) shall be borne by the Drilling Parties
3 in the proportion that the interest of each Drilling Party bears to the total interest of all Drilling Parties as such interests appear in Ex-
4 hibit "A". Operator shall make no charge for services rendered by its staff attorneys or other personnel in the performance of the above
5 functions.

6
7 Each party shall be responsible for securing curative matter and pooling amendments or agreements required in connection
8 with leases or oil and gas interests contributed by such party. Operator shall be responsible for the preparation and recording of pooling
9 designations or declarations as well as the conduct of hearings before governmental agencies for the securing of spacing or pooling orders.
10 This shall not prevent any party from appearing on its own behalf at any such hearing.

11
12 No well shall be drilled on the Contract Area until after (1) the title to the drillsite or drilling unit has been examined as above
13 provided, and (2) the title has been approved by the examining attorney or title has been accepted by all of the parties who are to par-
14 ticipate in the drilling of the well.

15
16 **B. Loss of Title:**

17
18 1. **Failure of Title:** Should any oil and gas interest or lease, or interest therein, be lost through failure of title, which loss results in a
19 reduction of interest from that shown on Exhibit "A", the party contributing the affected lease or interest shall have ninety (90) days
20 from final determination of title failure to acquire a new lease or other instrument curing the entirety of the title failure, which acquisi-
21 tion will not be subject to Article VIII.B., and failing to do so, this agreement, nevertheless, shall continue in force as to all remaining oil
22 and gas leases and interests; and,

23 (a) The party whose oil and gas lease or interest is affected by the title failure shall bear alone the entire loss and it shall not be
24 entitled to recover from Operator or the other parties any development or operating costs which it may have theretofore paid or incurred,
25 but there shall be no additional liability on its part to the other parties hereto by reason of such title failure;

26 (b) There shall be no retroactive adjustment of expenses incurred or revenues received from the operation of the interest which has
27 been lost, but the interests of the parties shall be revised on an acreage basis, as of the time it is determined finally that title failure has oc-
28 curred, so that the interest of the party whose lease or interest is affected by the title failure will thereafter be reduced in the Contract
29 Area by the amount of the interest lost;

30 (c) If the proportionate interest of the other parties hereto in any producing well there before drilled on the Contract Area is
31 increased by reason of the title failure, the party whose title has failed shall receive the proceeds attributable to the increase in such in-
32 terest (less costs and burdens attributable thereto) until it has been reimbursed for unrecovered costs paid by it in connection with such
33 well;

34 (d) Should any person not a party to this agreement, who is determined to be the owner of any interest in the title which has
35 failed, pay in any manner any part of the cost of operation, development, or equipment, such amount shall be paid to the party or parties
who bore the costs which are so refunded;

36 (e) Any liability to account to a third party for prior production of oil and gas which arises by reason of title failure shall be
37 borne by the party or parties whose title failed in the same proportions in which they shared in such prior production; and,

38 (f) No charge shall be made to the joint account for legal expenses, fees or salaries, in connection with the defense of the interest
39 claimed by any party hereto, it being the intention of the parties hereto that each shall defend title to its interest and bear all expenses in
40 connection therewith.
41

42
43 2. **Loss by Non-Payment or Erroneous Payment of Amount Due:** If, through mistake or oversight, any rental, shut-in well
44 payment, minimum royalty or royalty payment, is not paid or is erroneously paid, and as a result a lease or interest therein terminates,
45 there shall be no monetary liability against the party who failed to make such payment. Unless the party who failed to make the required
46 payment secures a new lease covering the same interest within ninety (90) days from the discovery of the failure to make proper payment,
47 which acquisition will not be subject to Article VIII.B., the interests of the parties shall be revised on an acreage basis, effective as of the
48 date of termination of the lease involved, and the party who failed to make proper payment will no longer be credited with an interest in
49 the Contract Area on account of ownership of the lease or interest which has terminated. In the event the party who failed to make the
50 required payment shall not have been fully reimbursed, at the time of the loss, from the proceeds of the sale of oil and gas attributable to
51 the lost interest, calculated on an acreage basis, for the development and operating costs theretofore paid on account of such interest, it
52 shall be reimbursed for unrecovered actual costs theretofore paid by it (but not for its share of the cost of any dry hole previously drilled
53 or wells previously abandoned) from so much of the following as is necessary to effect reimbursement:

54 (a) Proceeds of oil and gas, less operating expenses, theretofore accrued to the credit of the lost interest, on an acreage basis,
55 up to the amount of unrecovered costs;

56 (b) Proceeds, less operating expenses, thereafter accrued attributable to the lost interest on an acreage basis, of that portion of
57 oil and gas thereafter produced and marketed (excluding production from any wells thereafter drilled) which, in the absence of such lease
58 termination, would be attributable to the lost interest on an acreage basis, up to the amount of unrecovered costs, the proceeds of said
59 portion of the oil and gas to be contributed by the other parties in proportion to their respective interests; and,

60 (c) Any monies, up to the amount of unrecovered costs, that may be paid by any party who is, or becomes, the owner of the interest
61 lost, for the privilege of participating in the Contract Area or becoming a party to this agreement.
62

63 3. **Other Losses:** All losses incurred, other than those set forth in Articles IV.B.1. and IV.B.2. above, shall be joint losses
64 and shall be borne by all parties in proportion to their interests. There shall be no readjustment of interests in the remaining portion of
65 the Contract Area.
66
67
68
69
70

ARTICLE V.
OPERATOR

A. Designation and Responsibilities of Operator:

Burlington Resources Oil & Gas Company shall be the Operator of the Contract Area, and shall conduct and direct and have full control of all operations on the Contract Area as permitted and required by, and within the limits of this agreement. It shall conduct all such operations in a good and workmanlike manner, but it shall have no liability as Operator to the other parties for losses sustained or liabilities incurred, except such as may result from gross negligence or willful misconduct.

B. Resignation or Removal of Operator and Selection of Successor:

1. Resignation or Removal of Operator: Operator may resign at any time by giving written notice thereof to Non-Operators. If Operator terminates its legal existence, no longer owns an interest hereunder in the Contract Area, or is no longer capable of serving as Operator, Operator shall be deemed to have resigned without any action by Non-Operators, except the selection of a successor. Operator may be removed if it fails or refuses to carry out its duties hereunder, or becomes insolvent, bankrupt or is placed in receivership, by the affirmative vote of two (2) or more Non-Operators owning a majority interest based on ownership as shown on Exhibit "A" remaining after excluding the voting interest of Operator. Such resignation or removal shall not become effective until 7:00 o'clock A.M. on the first day of the calendar month following the expiration of ninety (90) days after the giving of notice of resignation by Operator or action by the Non-Operators to remove Operator, unless a successor Operator has been selected and assumes the duties of Operator at an earlier date. Operator, after effective date of resignation or removal, shall be bound by the terms hereof as a Non-Operator. A change of a corporate name or structure of Operator or transfer of Operator's interest to any single subsidiary, parent or successor corporation shall not be the basis for removal of Operator.

2. Selection of Successor Operator: Upon the resignation or removal of Operator, a successor Operator shall be selected by the parties. The successor Operator shall be selected from the parties owning an interest in the Contract Area at the time such successor Operator is selected. The successor Operator shall be selected by the affirmative vote of two (2) or more parties owning a majority interest based on ownership as shown on Exhibit "A"; provided, however, if an Operator which has been removed fails to vote or votes only to succeed itself, the successor Operator shall be selected by the affirmative vote of two (2) or more parties owning a majority interest based on ownership as shown on Exhibit "A" remaining after excluding the voting interest of the Operator that was removed.

C. Employees:

The number of employees used by Operator in conducting operations hereunder, their selection, and the hours of labor and the compensation for services performed shall be determined by Operator, and all such employees shall be the employees of Operator.

D. Drilling Contracts:

All wells drilled on the Contract Area shall be drilled on a competitive contract basis at the usual rates prevailing in the area. If it so desires, Operator may employ its own tools and equipment in the drilling of wells, but its charges therefor shall not exceed the prevailing rates in the area and the rate of such charges shall be agreed upon by the parties in writing before drilling operations are commenced, and such work shall be performed by Operator under the same terms and conditions as are customary and usual in the area in contracts of independent contractors who are doing work of a similar nature.

ARTICLE VI.
DRILLING AND DEVELOPMENT

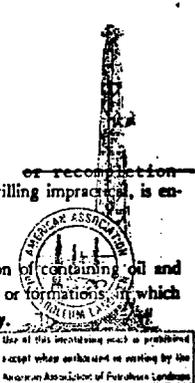
A. Initial Wells:

On or before the _____ day of _____, 19____, Operator shall commence the drilling of a well for oil and gas at the following location:

and shall thereafter continue the drilling of the well with due diligence to _____ or recompletion

unless granite or other practically impenetrable substance or condition in the hole, which renders further drilling impractical, is encountered at a lesser depth, or unless all parties agree to complete or abandon the well at a lesser depth.

Operator shall make reasonable tests of all formations encountered during drilling which give indication of containing oil and gas in quantities sufficient to test, unless this agreement shall be limited in its application to a specific formation or formations, in which event Operator shall be required to test only the formation or formations to which this agreement may apply.



ARTICLE VI
continued

If, in Operator's judgment, the well will not produce oil or gas in paying quantities, and it wishes to plug and abandon the well as a dry hole, the provisions of Article VI.E.1. shall thereafter apply.

B. Subsequent Operations:

well producing in paying quantities or

1. Proposed Operations: Should any party hereto desire to drill any well on the Contract Area other than the well provided for in Article VI.A., or to rework, deepen or plug back a dry hole drilled at the joint expense of all parties or a well jointly owned by all the parties and not then producing in paying quantities, the party desiring to drill, rework, deepen or plug back such a well shall give the other parties written notice of the proposed operation, specifying the work to be performed, the location, proposed depth, objective formation and the estimated cost of the operation. The parties receiving such a notice shall have thirty (30) days after receipt of the notice within which to notify the party wishing to do the work whether they elect to participate in the cost of the proposed operation. If a drilling rig is on location, notice of a proposal to rework, plug back or drill deeper may be given by telephone and the response period shall be limited to forty-eight (48) hours, exclusive of Saturday, Sunday and legal holidays. Failure of a party receiving such notice to reply within the period above fixed shall constitute an election by that party not to participate in the cost of the proposed operation. Any notice or response given by telephone shall be promptly confirmed in writing.

If all parties elect to participate in such a proposed operation, Operator shall, within ninety (90) days after expiration of the notice period of thirty (30) days (or as promptly as possible after the expiration of the forty-eight (48) hour period when a drilling rig is on location, as the case may be), actually commence the proposed operation and complete it with due diligence at the risk and expense of all parties hereto; provided, however, said commencement date may be extended upon written notice of same by Operator to the other parties, for a period of up to thirty (30) additional days if, in the sole opinion of Operator, such additional time is reasonably necessary to obtain permits from governmental authorities, surface rights (including rights-of-way) or appropriate drilling equipment, or to complete title examination or curative matter required for title approval or acceptance. Notwithstanding the force majeure provisions of Article XI, if the actual operation has not been commenced within the time provided (including any extension thereof as specifically permitted herein) and if any party hereto still desires to conduct said operation, written notice proposing same must be resubmitted to the other parties in accordance with the provisions hereof as if no prior proposal had been made.

2. Operations by Less than All Parties: If any party receiving such notice as provided in Article VI.B.1. or VII.D.1. (Option No. 2) elects not to participate in the proposed operation, then, in order to be entitled to the benefits of this Article, the party or parties giving the notice and such other parties as shall elect to participate in the operation shall, within ninety (90) days after the expiration of the notice period of thirty (30) days (or as promptly as possible after the expiration of the forty-eight (48) hour period when a drilling rig is on location, as the case may be) actually commence the proposed operation and complete it with due diligence. Operator shall perform all work for the account of the Consenting Parties; provided, however, if no drilling rig or other equipment is on location, and if Operator is a Non-Consenting Party, the Consenting Parties shall either: (a) request Operator to perform the work required by such proposed operation for the account of the Consenting Parties, or (b) designate one (1) of the Consenting Parties as Operator to perform such work. Consenting Parties, when conducting operations on the Contract Area pursuant to this Article VI.B.2., shall comply with all terms and conditions of this agreement.

If less than all parties approve any proposed operation, the proposing party, immediately after the expiration of the applicable notice period, shall advise the Consenting Parties of the total interest of the parties approving such operation and its recommendation as to whether the Consenting Parties should proceed with the operation as proposed. Each Consenting Party, within forty-eight (48) hours (exclusive of Saturday, Sunday and legal holidays) after receipt of such notice, shall advise the proposing party of its desire to (a) limit participation to such party's interest as shown on Exhibit "A" or (b) carry its proportionate part of Non-Consenting Parties' interests, and failure to advise the proposing party shall be deemed an election under (a). In the event a drilling rig is on location, the time permitted for such a response shall not exceed a total of forty-eight (48) hours (inclusive of Saturday, Sunday and legal holidays). The proposing party, at its election, may withdraw such proposal if there is insufficient participation and shall promptly notify all parties of such decision.

The entire cost and risk of conducting such operations shall be borne by the Consenting Parties in the proportions they have elected to bear same under the terms of the preceding paragraph. Consenting Parties shall keep the leasehold estates involved in such operations free and clear of all liens and encumbrances of every kind created by or arising from the operations of the Consenting Parties. If such an operation results in a dry hole, the Consenting Parties shall plug and abandon the well and restore the surface location at their sole cost, risk and expense. If any well drilled, reworked, deepened or plugged back under the provisions of this Article results in a producer of oil and/or gas in paying quantities, the Consenting Parties shall complete and equip the well to produce at their sole cost and risk,


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ARTICLE VI

continued

1 and the well shall then be turned over to Operator and shall be operated by it at the expense and for the account of the Consenting Parties. Upon commencement of operations for the drilling, reworking, deepening or plugging back of any such well by Consenting Parties in accordance with the provisions of this Article, each Non-Consenting Party shall be deemed to have relinquished to Consenting Parties, and the Consenting Parties shall own and be entitled to receive, in proportion to their respective interests, all of such Non-Consenting Party's interest in the well and share of production therefrom until the proceeds of the sale of such share, calculated at the well or market value thereof if such share is not sold, (after deducting production taxes, excise taxes, royalty, overriding royalty and other interests not excepted by Article III.D. payable out of or measured by the production from such well accruing with respect to such interest until it reverts) shall equal the total of the following:

(a) 100% of each such Non-Consenting Party's share of the cost of any newly acquired surface equipment beyond the wellhead connections (including, but not limited to, stock tanks, separators, treaters, pumping equipment and piping), plus 100% of each such Non-Consenting Party's share of the cost of operation of the well commencing with first production and continuing until each such Non-Consenting Party's relinquished interest shall revert to it under other provisions of this Article, it being agreed that each Non-Consenting Party's share of such costs and equipment will be that interest which would have been chargeable to such Non-Consenting Party had it participated in the well from the beginning of the operations; and

(b) 300 % of that portion of the costs and expenses of drilling, reworking, deepening, plugging back, testing and completing, after deducting any cash contributions received under Article VIII.C., and 300 % of that portion of the cost of newly acquired equipment in the well (to and including the wellhead connections), which would have been chargeable to such Non-Consenting Party if it had participated therein.

An election not to participate in the drilling or the deepening of a well shall be deemed an election not to participate in any reworking or plugging back operation proposed in such a well, or portion thereof, to which the initial Non-Consent election applied that is conducted at any time prior to full recovery by the Consenting Parties of the Non-Consenting Party's recoupment account. Any such reworking or plugging back operation conducted during the recoupment period shall be deemed part of the cost of operation of said well and there shall be added to the sums to be recouped by the Consenting Parties one hundred percent (100%) of that portion of the costs of the reworking or plugging back operation which would have been chargeable to such Non-Consenting Party had it participated therein. If such a reworking or plugging back operation is proposed during such recoupment period, the provisions of this Article VI.B. shall be applicable as between said Consenting Parties in said well.

During the period of time Consenting Parties are entitled to receive Non-Consenting Party's share of production or the proceeds therefrom, Consenting Parties shall be responsible for the payment of all production, severance, excise, gathering and other taxes, and all royalty, overriding royalty and other burdens applicable to Non-Consenting Party's share of production not excepted by Article III.D.

In the case of any reworking, plugging back or deeper drilling operation, the Consenting Parties shall be permitted to use, free of cost, all casing, tubing and other equipment in the well, but the ownership of all such equipment shall remain unchanged; and upon abandonment of a well after such reworking, plugging back or deeper drilling, the Consenting Parties shall account for all such equipment to the owners thereof, with each party receiving its proportionate part in kind or in value, less cost of salvage.

successful

Within sixty (60) days after the completion of any operation under this Article, the party conducting the operations for the Consenting Parties shall furnish each Non-Consenting Party with an inventory of the equipment in and connected to the well, and an itemized statement of the cost of drilling, deepening, plugging back, testing, completing, and equipping the well for production; or, at its option, the operating party, in lieu of an itemized statement of such costs of operation, may submit a detailed statement of monthly billings. Each month thereafter, during the time the Consenting Parties are being reimbursed as provided above, the party conducting the operations for the Consenting Parties shall furnish the Non-Consenting Parties with an itemized statement of all costs and liabilities incurred in the operation of the well, together with a statement of the quantity of oil and gas produced from it and the amount of proceeds realized from the sale of the well's working interest production during the preceding month. In determining the quantity of oil and gas produced during any month, Consenting Parties shall use industry accepted methods such as, but not limited to, metering or periodic well tests. Any amount realized from the sale or other disposition of equipment newly acquired in connection with any such operation which would have been owned by a Non-Consenting Party had it participated therein shall be credited against the total unrecovered costs of the work done and of the equipment purchased in determining when the interest of such Non-Consenting Party shall revert to it as above provided; and if there is a credit balance, it shall be paid to such Non-Consenting Party.

Notwithstanding any provision to the contrary in this or any other agreement, a non-consenting party, upon notice in writing to Operator and/or any party carrying all or part of the non-consenting interest, shall have the right at all times and from time to time for any calendar year within the twenty-four (24) month period following the end of such calendar year to audit Operator's and/or carrying party's accounts and records relating to or connected with its operations on the Lease Acreage or on land pooled therewith, regardless of when such operations were conducted.



ARTICLE VI

continued

1 If and when the Consenting Parties recover from a Non-Consenting Party's relinquished interest the amounts provided for above,
 2 the relinquished interests of such Non-Consenting Party shall automatically revert to it, and, from and after such reversion, such Non-
 3 Consenting Party shall own the same interest in such well, the material and equipment in or pertaining thereto, and the production
 4 therefrom as such Non-Consenting Party would have been entitled to had it participated in the drilling, reworking, deepening or plugging
 5 back of said well. Thereafter, such Non-Consenting Party shall be charged with and shall pay its proportionate part of the further costs of
 6 the operation of said well in accordance with the terms of this agreement and the Accounting Procedure attached hereto.

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 10 Notwithstanding the provisions of this Article VI.B.2., it is agreed that without the mutual consent of all parties, no wells shall
 11 be completed in or produced from a source of supply from which a well located elsewhere on the Contract Area is producing, unless such
 12 well conforms to the then-existing well spacing pattern for such source of supply.

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 16 The provisions of this Article shall have no application whatsoever to the drilling of the initial well described in Article VI.A.
 17 except (a) as to Article VII.D.1. (Option No. 2), if selected, or (b) as to the reworking, deepening and plugging back of such initial well
 18 after it has been drilled to the depth specified in Article VI.A. if it shall thereafter prove to be a dry hole or, if initially completed for pro-
 19 duction, ceases to produce in paying quantities.

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 21
 22
 23 3. Stand-By Time: When a well which has been drilled or deepened has reached its authorized depth and all tests have been
 24 completed, and the results thereof furnished to the parties, stand-by costs incurred pending response to a party's notice proposing a
 25 reworking, deepening, plugging back or completing operation in such a well shall be charged and borne as part of the drilling or deepening
 26 operation just completed. Stand-by costs subsequent to all parties responding, or expiration of the response time permitted, whichever
 27 first occurs, and prior to agreement as to the participating interests of all Consenting Parties pursuant to the terms of the second gram-
 28 matical paragraph of Article VI.B.2, shall be charged to and borne as part of the proposed operation, but if the proposal is subsequently
 29 withdrawn because of insufficient participation, such stand-by costs shall be allocated between the Consenting Parties in the proportion
 30 each Consenting Party's interest as shown on Exhibit "A" bears to the total interest as shown on Exhibit "A" of all Consenting Par-
 31 ties.

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 35 4. Sidetracking: Except as hereinafter provided, those provisions of this agreement applicable to a "deepening" operation shall
 36 also be applicable to any proposal to directionally control and intentionally deviate a well from vertical so as to change the bottom hole
 37 location (herein called "sidetracking"), unless done to straighten the hole or to drill around junk in the hole or because of other
 38 mechanical difficulties. Any party having the right to participate in a proposed sidetracking operation that does not own an interest in the
 39 affected well bore at the time of the notice shall, upon electing to participate, tender to the well bore owners its proportionate share (equal
 40 to its interest in the sidetracking operation) of the value of that portion of the existing well bore to be utilized as follows:

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 44 (a) If the proposal is for sidetracking an existing dry hole, reimbursement shall be on the basis of the actual costs incurred in
 45 the initial drilling of the well down to the depth at which the sidetracking operation is initiated.

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 49 (b) If the proposal is for sidetracking a well which has previously produced, reimbursement shall be on the basis of the well's
 50 salvable materials and equipment down to the depth at which the sidetracking operation is initiated, determined in accordance with the
 51 provisions of Exhibit "C", less the estimated cost of salvaging and the estimated cost of plugging and abandoning.

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 53
 54
 55 In the event that notice for a sidetracking operation is given while the drilling rig to be utilized is on location, the response period
 56 shall be limited to forty-eight (48) hours, exclusive of Saturday, Sunday and legal holidays; provided, however, any party may request and
 57 receive up to eight (8) additional days after expiration of the forty-eight (48) hours within which to respond by paying for all stand-by time
 58 incurred during such extended response period. If more than one party elects to take such additional time to respond to the notice, stand-
 59 by costs shall be allocated between the parties taking additional time to respond on a day-to-day basis in the proportion each electing par-
 60 ty's interest as shown on Exhibit "A" bears to the total interest as shown on Exhibit "A" of all the electing parties. In all other in-
 61 stances the response period to a proposal for sidetracking shall be limited to thirty (30) days.

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 65 **C. TAKING PRODUCTION IN KIND:**

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 67 Each party shall take in kind or separately dispose of its proportionate share of all oil and gas produced from the Contract Area,
 68 exclusive of production which may be used in development and producing operations and in preparing and treating oil and gas for
 69 marketing purposes and production unavoidably lost. Any extra expenditure incurred in the taking in kind or separate disposition by any
 70 party of its proportionate share of the production shall be borne by such party. Any party taking its share of production in kind shall be

ARTICLE VI

continued

1 required to pay for only its proportionate share of such part of Operator's surface facilities which it uses.

2
3 Each party shall execute such division orders and contracts as may be necessary for the sale of its interest in production from the Contract Area, and, except as provided in Article VII.B., shall be entitled to receive payment directly from the purchaser thereof for its share of all production.

4
5
6 *
7 In the event any party shall fail to make the arrangements necessary to take in kind or separately dispose of its proportionate share of the oil produced from the Contract Area, Operator shall have the right, subject to the revocation at will by the party owning it, but not the obligation, to purchase such oil or sell it to others at any time and from time to time, for the account of the non-taking party at the best price obtainable in the area for such production. Any such purchase or sale by Operator shall be subject always to the right of the owner of the production to exercise at any time its right to take in kind, or separately dispose of, its share of all oil not previously delivered to a purchaser. Any purchase or sale by Operator of any other party's share of oil shall be only for such reasonable periods of time as are consistent with the minimum needs of the industry under the particular circumstances, but in no event for a period in excess of one (1) year.

15
16 In the event one or more parties' separate disposition of its share of the gas causes split-stream deliveries to separate pipelines and/or deliveries which on a day-to-day basis for any reason are not exactly equal to a party's respective proportionate share of total gas sales to be allocated to it, the balancing or accounting between the respective accounts of the parties shall be in accordance with any gas balancing agreement between the parties hereto, whether such an agreement is attached as Exhibit "E", or is a separate agreement.

21 **D. Access to Contract Area and Information:**

22
23 Each party shall have access to the Contract Area at all reasonable times, at its sole cost and risk to inspect or observe operations, and shall have access at reasonable times to information pertaining to the development or operation thereof, including Operator's books and records relating thereto. Operator, upon request, shall furnish each of the other parties with copies of all forms or reports filed with governmental agencies, daily drilling reports, well logs, tank tables, daily gauge and run tickets and reports of stock on hand at the first of each month, and shall make available samples of any cores or cuttings taken from any well drilled on the Contract Area. The cost of gathering and furnishing information to Non-Operator, other than that specified above, shall be charged to the Non-Operator that requests the information.

31 **E. Abandonment of Wells**

32
33 **1. Abandonment of Dry Holes:** Except for any well drilled or deepened pursuant to Article VI.B.2., any well which has been drilled or deepened under the terms of this agreement and is proposed to be completed as a dry hole shall not be plugged and abandoned without the consent of all parties. Should Operator, after diligent effort, be unable to contact any party, or should any party fail to reply within forty-eight (48) hours (exclusive of Saturday, Sunday and legal holidays) after receipt of notice of the proposal to plug and abandon such well, such party shall be deemed to have consented to the proposed abandonment. All such wells shall be plugged and abandoned in accordance with applicable regulations and at the cost, risk and expense of the parties who participated in the cost of drilling or deepening such well. Any party who objects to plugging and abandoning such well shall have the right to take over the well and conduct further operations in search of oil and/or gas subject to the provisions of Article VI.B.

42
43 **2. Abandonment of Wells that have Produced:** Except for any well in which a Non-Consent operation has been conducted hereunder for which the Consenting Parties have not been fully reimbursed as herein provided, any well which has been completed as a producer shall not be plugged and abandoned without the consent of all parties. If all parties consent to such abandonment, the well shall be plugged and abandoned in accordance with applicable regulations and at the cost, risk and expense of all the parties hereto. If, within thirty (30) days after receipt of notice of the proposed abandonment of any well, all parties do not agree to the abandonment of such well, those wishing to continue its operation from the interval(s) of the formation(s) then open to production shall tender to each of the other parties its proportionate share of the value of the well's salvable material and equipment, determined in accordance with the provisions of Exhibit "C", less the estimated cost of salvaging and the estimated cost of plugging and abandoning. Each abandoning party shall assign the non-abandoning parties, without warranty, express or implied, as to title or as to quantity, or fitness for use of the equipment and material, all of its interest in the well and related equipment, together with its interest in the leasehold estate as to, but only as to, the interval or intervals of the formation or formations then open to production. If the interest of the abandoning party is or includes an oil and gas interest, such party shall execute and deliver to the non-abandoning party or parties an oil and gas lease, limited to the interval or intervals of the formation or formations then open to production, for a term of one (1) year and so long thereafter as oil and/or gas is produced from the interval or intervals of the formation or formations covered thereby, such lease to be on the form attached as Exhibit

57 * Notwithstanding any provision to the contrary in this or any other agreement, each party shall have the right at all times and from time to time, upon written notice, to audit all of taking party and/or operator's records and accounts related to or in connection with production or allocation of production from the contract area. Auditing of settlement records shall also be applicable if taking party and/or operator distributes proceeds to auditing party.

62 ** Failure of any party to respond within the said thirty (30) day period shall be deemed consent to the proposed abandonment.



ARTICLE VI
continued

"B". The assignments or leases so limited shall encompass the "drilling unit" upon which the well is located. The payments by, and the assignments or leases to, the assignees shall be in a ratio based upon the relationship of their respective percentage of participation in the Contract Area to the aggregate of the percentages of participation in the Contract Area of all assignees. There shall be no readjustment of interests in the remaining portion of the Contract Area.

Thereafter, abandoning parties shall have no further responsibility, liability, or interest in the operation of or production from the well in the interval or intervals then open other than the royalties retained in any lease made under the terms of this Article. Upon request, Operator shall continue to operate the assigned well for the account of the non-abandoning parties at the rates and charges contemplated by this agreement, plus any additional cost and charges which may arise as the result of the separate ownership of the assigned well. Upon proposed abandonment of the producing interval(s) assigned or leased, the assignor or lessor shall then have the option to repurchase its prior interest in the well (using the same valuation formula) and participate in further operations therein subject to the provisions hereof.

3. Abandonment of Non-Consent Operations: The provisions of Article VI.E.1. or VI.E.2. above shall be applicable as between Consenting Parties in the event of the proposed abandonment of any well excepted from said Articles; provided, however, no well shall be permanently plugged and abandoned unless and until all parties having the right to conduct further operations therein have been notified of the proposed abandonment and afforded the opportunity to elect to take over the well in accordance with the provisions of this Article VI.E.

ARTICLE VII.
EXPENDITURES AND LIABILITY OF PARTIES

A. Liability of Parties:

The liability of the parties shall be several, not joint or collective. Each party shall be responsible only for its obligations, and shall be liable only for its proportionate share of the costs of developing and operating the Contract Area. Accordingly, the liens granted among the parties in Article VII.B. are given to secure only the debts of each severally. It is not the intention of the parties to create, nor shall this agreement be construed as creating, a mining or other partnership or association, or to render the parties liable as partners.

B. Liens and Payment Defaults:

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, 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.

If any party fails or is unable to pay its share of expense within sixty (60) days after rendition of a statement therefor by Operator, the non-defaulting parties, including Operator, shall, upon request by Operator, pay the unpaid amount in the proportion that the interest of each such party bears to the interest of all such parties. Each party so paying its share of the unpaid amount shall, to obtain reimbursement thereof, be subrogated to the security rights described in the foregoing paragraph.

C. Payments and Accountings

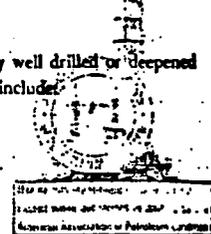
Except as herein otherwise specifically provided, Operator shall promptly pay and discharge expenses incurred in the development and operation of the Contract Area pursuant to this agreement and shall charge each of the parties hereto with their respective proportionate shares upon the expense basis provided in Exhibit "C". Operator shall keep an accurate record of the joint account hereunder, showing expenses incurred and charges and credits made and received.

Operator, at its election, shall have the right from time to time to demand and receive from the other parties payment in advance of their respective shares of the estimated amount of the expense to be incurred in operations hereunder during the next succeeding month, which right may be exercised only by submission to each such party of an itemized statement of such estimated expense, together with an invoice for its share thereof. Each such statement and invoice for the payment in advance of estimated expense shall be submitted on or before the 20th day of the next preceding month. Each party shall pay to Operator its proportionate share of such estimate within fifteen (15) days after such estimate and invoice is received. If any party fails to pay its share of said estimate within said time, the amount due shall bear interest as provided in Exhibit "C" until paid. Proper adjustment shall be made monthly between advances and actual expense to the end that each party shall bear and pay its proportionate share of actual expenses incurred, and no more.

C-1: Costs & Expenses of Dual Completion well: See pages 9A through 9E

D. Limitation of Expenditures:

1. Drill or Deepen: Without the consent of all parties, no well shall be drilled or deepened, except any well drilled or deepened pursuant to the provisions of Article VI.B.2. of this agreement. Consent to the drilling or deepening shall include:



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C-1. COSTS AND EXPENSES OF DUAL COMPLETION WELL

The entire costs and expenses involved in drilling, completing, operating, and reworking said well, in the event said well is completed in more than one formation or in plugging and abandoning if said well is a dry hole or non-commercial well in either or both formations, shall be borne by the parties hereto in accordance with the following provisions:

A. Definitions

"Shallow Owners:

the working interest owners in the Unit Area, owning the working interest in and to the shallower formation of a well to be drilled or which is completed in two formations.

"Deep Owners:

the working interest owners in the Unit Area, owning the working interest in and to the deeper formation of a well to be drilled or which is completed in two formations.

"Salvage/Salvable Value":

the fair market value of equipment and material at the surface, after deduction of such expenses as would be necessary to remove any such equipment and material from the hole.

B. Formula for Allocation of Costs for Drilling and Completing Dual Wells

Whenever in this Agreement it is provided that costs will be borne by Shallow Owners and Deep Owners in accordance with this subsection B, the following procedures will be used:

1. At the same time Shallow and Deep Owners separately agree to the drilling of a well to be projected to dual formations, both such categories of Owners shall approve an estimate prepared by Unit Operator of the total costs of drilling and completing said well to the wellhead in both formations. The estimated total costs shall be divided into the following categories:

(a) Costs to be incurred above the base of the shallower of the two formations, except those set forth in subsection B.1.(c) hereof.

(b) Costs to be incurred below the base of the shallower of the two formations.

(c) Costs attributable to testing and completing in the shallower formation.

2. The actual costs of drilling, completing, testing and equipping the well will be accumulated among the three categories set forth hereinabove, and upon completion of the well, these actual costs will be paid by the obligated parties as follows:

(a) Costs incurred above the base of the shallower formation except those set forth in the subsection B.1.(c) hereof will be shared equally by and between Shallow Owners and Deep Owners.

(b) The costs incurred below the base of the shallower formation shall be paid by Deep Owners.

(c) Costs attributable to testing and completing in the shallower formation shall be paid by Shallow Owners.

C. Drilling and Completing Dual Wells

Costs of drilling, testing, treating, equipping and completing wells to the wellhead which are begun with the objective of dual completion and which are completed as dual wells shall be borne by the Shallow Owners and by the Deep Owners in accordance with the provisions of said Subsection B. The material and equipment thereof shall be owned by the party or parties paying the cost thereof pursuant to said subsection B. Shallow Owners and Deep Owners shall respectively own all oil and gas produced from their respective formations. Upon abandonment of the well if dry in both formations, costs of plugging and abandoning shall be shared equally by and between Shallow Owners and Deep Owners.

D. Completion of Well in Shallower Formation but Abandoned as to Deep Formation.

In the event that a well begun with the objective of dual completion is drilled to the deeper formation and results in discovery of oil and gas in paying quantities in the shallower formation but is dry in the deeper formation, all costs of drilling, testing and treating shall be borne by the Shallow Owners and Deep Owners in accordance with said subsection B. All costs of equipping the well shall be borne by Shallow Owners. Further, Shallow Owners shall pay to Deep Owners the salvable value of the Owners. Thereafter Shallow Owners shall own all material and equipment acquired in the drilling and completing of said well. Shallow Owners shall own all oil and gas produced from the shallow formation and shall bear all costs of plugging and abandoning of the well.

E. Completion of Well in Deeper Formation but Abandoned as to Shallower Formation

In the event that a well begun with the objective of dual completion results in discovery of oil and gas in paying quantities in the deeper formation, but dry in the shallower formation, all costs of drilling, testing and treating shall be borne by the Shallow Owners and the Deep Owners in accordance with the provisions of said subsection B. All costs of equipping the well shall be borne by Deep Owners. Further, Deep Owners shall pay to Shallow Owners the salvable value of the material and equipment or share thereof paid for or furnished by Shallow Owners. Thereafter, Deep Owners shall own all material and equipment acquired in the drilling and completion of such well. Deep Owners shall own all oil and gas produced from the deeper formation, and shall bear all costs of plugging and abandoning the well.

F. Abandonment as to One Formation After Completion of Well in Both Formations

In the event that, after completion of a dual well, the working interest owners of one formation should decide to abandon the well as to their formation, the working interest owners of the remaining producing formation shall pay to the working interest owners of the formation to be abandoned, the salvage value of equipment belonging to the owners of the formation to be abandoned. The owners of the

formation to be abandoned shall pay for the abandonment of that formation. After payment of the amount provided for above, the working interest owners of the formation from which the well continues to produce shall own all of such equipment. The working interest owners of the producing formation, shall also bear all costs of plugging and abandoning upon later abandonment of the well as to their formation.

G. Deepening a Shallow Well or Converting a Deeper Well for Dual Completion

Before any well which is completed in a single formation may be deepened, or perforated at a shallower depth for purposes of completion as a dual well, the working interest owners of both formations must approve the operation. The owners desiring to attempt dual completion of said well shall pay to the owners of the single formation completion the salvage value of the material and equipment, or share thereof, furnished by the owners of the single zone completion, and thereafter the material and equipment shall be owned proportionately pursuant to the terms of Article VII., Section C.1.B. hereof. If the operation should result in an impairment of production from, or a loss of, the existing well, the provisions of Section J. shall govern unless otherwise provided for in the approval.

H. Allocation of General Operating and Maintenance Costs in Dual Wells

After completion of a dual well, the costs of producing operations shall be borne by the working interest owners of the two formations as follows:

1. The completion of each separate formation shall be treated as a separate well for overhead and district and camp expense. Such expense shall be borne by the working interest owners of the respective formations as a separate cost allocable to their interest.
2. Each formation shall bear all costs of normal producing operations, including costs of labor, repairs, maintenance and replacement of equipment attributable to such formation. All costs of operations performed for the joint benefit of both formations shall be borne on a per well basis by the Shallow Owners to the extent of 50% of the total cost, and by the Deep Owners to the extent of 50% of total cost.

I. Allocation of Cost of Workover Operations for Both Formations

After completion of a dual well, the cost of any workover or other operations on such well involving both formations shall be borne by the working interest owners of such formations as follows:

1. The costs of any operations which is directly related to one formation, including but not limited to operations such as treatments and perforations, shall be borne by the working interest owners of the formation for which the operation is performed.
2. All costs of material, equipment, repairs, replacements and labor not directly related to one formation, including but not limited to repair and correction of leaks which may result in communication between the two formations within the wellbore shall be borne by the Shallow Owners to the extent of 50% of the total cost and by Deep Owners to the extent of 50% of the total cost.
3. Any material and equipment acquired by any such expenditures provided for in subsection I.1 and I.2 above shall be owned by the Shallow Owners and the Deep Owners so as to be consistent with the ownership of the material and equipment as set forth in said subsection C.

4. The working interest owners of each formation shall not be responsible for nor be charged with any loss of production from any other formations during any such operation.

J. Workover Operations of One Formation

After completion of a dual well, any subsequent workover, deepening, plugging back, or other operations or repair as to one formation only of such well, which requires a separation of the formations for the repair or other work on any portion of the well, shall be governed by the provisions which follow:

1. The proposed plan of operation must be approved in accordance with Article VI.B or Article VII.D.2 of this Operating Agreement.

2. The costs and expenses of any such operations will be borne by the working interest owners of such well in the formation to be worked upon.

3. The working interest owners bearing the cost of the operation shall not be liable to the working interest owners of the formation not being worked upon for cessation of production during such operations for a period of time not exceeding a total of sixty (60) days. In the event such cessation of production during operations is for a longer period of time, the working interest owners of the formation being worked upon, hereinafter referred to as Remedial Owners, shall pay to the working interest owners of the formation not being worked upon, hereinafter referred to as Damaged Owners and Damaged Owners jointly for loss of production occurring after a sixty (60) day period.

4. If such operations disturb or remove the means of separation of the two formations in the wellbore or otherwise require a cessation of production from the other formation not being reworked, the operator shall, before and after the operation, conduct a test of the well as to such other formation for the purpose of determining whether or not the producing capacity as to said formation has been impaired, by employing the procedure as set forth as follows:

(a) For an oil well producing capacity will be measured by actual production obtained for thirty (30) producing days immediately preceding the workover and compared with the actual production for thirty (30) producing days immediately following the workover operations. If either the conditions or equipment have in any way been changed during the period of comparison, then the production figures obtained shall be corrected by calculation to account for any such change or changes.

(b) With respect to gas wells connected to a gas gathering system, the producing capacity shall be determined by the actual production before and after the workover and shall be the thirty (30) days in which there was actual production into the line immediately before or after the workover as applicable with the well producing under similar pressure differential and other conditions. If the producing conditions or equipment size are different or the well is not connected to a gathering system, an appropriate applicable method will be utilized to determine the effect on deliverabilities which the workover has caused.

(c) If the producing capacity of the well as to such other formation has been reduced in excess of twenty percent (20%), damages will be deemed to have occurred. If damage has occurred, the rights and liabilities between Remedial Owners and Damaged Owners shall be adjusted in accordance with the provision set out below:

Remedial Owners may at their sole cost, risk and expense attempt to restore the well to 80% of its former capacity or may pay to Damaged Owners the cost of a replacement well completed in the damaged formation. If the attempt is unsuccessful, or if no attempt is made, and if the cost of a replacement well is not so paid, Remedial Owners shall pay damages to Damaged Owners in an amount determined by the following formula:

Damage Payment = Cost of Replacement Well

$$X \left(1 - \frac{A}{0.80B}\right)$$

A = The capacity of the well from the damaged formation after the workover or other operation or after completion of any further work to restore the well as to the damaged formation which the Remedial Owners elect to perform.

B = The capacity of the well from the damaged formation before the workover or other operation which impaired the producing capacity of such well.

In no event, however, shall the amount of damages, computed in the manner hereinabove provided, exceed the value of the remaining recoverable reserves (less cost of recovery) of the formation as to which the well was damaged which could have been recovered from such well if it had not been damaged. If more than one capacity test is made after completion of the election of Remedial Owners, the last capacity obtained in such testing will be used in calculating the reduction of capacity. The Remedial Owners will pay such damages within fifteen (15) days following the date the amount of damages is determined. Payment of damages will not alter the ownership of formations or equipment except if full cost of a replacement well is paid; Remedial Owners shall own all material and equipment on or used in connection with the damaged well and shall bear all costs of plugging and abandonment. If an attempt to restore the well to 80% of its former capacity is made and such attempt is successful, Remedial Owners shall have no further liability.

5. It is understood, however, that liability for loss or damages shall not accrue hereunder if: (1) in the workover of the shallow formation such loss or damage exists prior to actual commencement of the operations to be performed in said formation, or, in workover of the deep formation, loss or damage exists prior to penetration of workover equipment below the base of the shallow formation, and (2) the evidence is conclusive that the loss or damage resulted solely from the previously existing poor mechanical condition of the well.

K. Allocation of Overhead and District Expense in Dual Completion Operations

As to any well which was begun with the objective of dual completion and as to any well on which work is begun to deepen or to convert it into a dual completion, overhead charges during drilling shall be billed as though the well were a single well to be drilled to test the deepest formation, and for purposes of allocating district expense among wells, each drilling well shall be treated as one well. Upon completion of such a well, each formation in which the well is completed shall be treated as a separate well for the purposes of charging overhead and allocating field expenses.

ARTICLE VII

continued

1 Option No. 1: All necessary expenditures for the drilling or deepening, testing, completing and equipping of the well, including
2 necessary tankage and/or surface facilities.

3
4 Option No. 2: All necessary expenditures for the drilling or deepening and testing of the well. When such well has reached its
5 authorized depth, and all tests have been completed, and the results thereof furnished to the parties, Operator shall give immediate notice
6 to the Non-Operators who have the right to participate in the completion costs. The parties receiving such notice shall have forty-eight
7 (48) hours (exclusive of Saturday, Sunday and legal holidays) in which to elect to participate in the setting of casing and the completion at-
8 tempt. Such election, when made, shall include consent to all necessary expenditures for the completing and equipping of such well, in-
9 cluding necessary tankage and/or surface facilities. Failure of any party receiving such notice to reply within the period above fixed shall
10 constitute an election by that party not to participate in the cost of the completion attempt. If one or more, but less than all of the parties,
11 elect to set pipe and to attempt a completion, the provisions of Article VI.B.2. hereof (the phrase "reworking, deepening or plugging
12 back" as contained in Article VI.B.2. shall be deemed to include "completing") shall apply to the operations thereafter conducted by less
13 than all parties.

14
15 2. Rework or Plug Back: Without the consent of all parties, no well shall be reworked or plugged back except a well reworked or
16 plugged back pursuant to the provisions of Article VI.B.2. of this agreement. Consent to the reworking or plugging back of a well shall
17 include all necessary expenditures in conducting such operations and completing and equipping of said well, including necessary tankage
18 and/or surface facilities.

19
20 3. Other Operations: Without the consent of all parties, Operator shall not undertake any single project reasonably estimated
21 to require an expenditure in excess of Twenty-Five Thousand Dollars (\$ 25,000.00)
22 except in connection with a well, the drilling, reworking, deepening, completing, recompleting, or plugging back of which has been
23 previously authorized by or pursuant to this agreement; provided, however, that, in case of explosion, fire, flood or other sudden
24 emergency, whether of the same or different nature, Operator may take such steps and incur such expenses as in its opinion are required
25 to deal with the emergency to safeguard life and property but Operator, as promptly as possible, shall report the emergency to the other
26 parties. ~~If Operator prepares an authority for expenditure (AFE) for its own use, Operator shall furnish any Non-Operator so requesting~~
27 ~~an information copy thereof for any single project cost in excess of~~
28 ~~Dollars (\$) but less than the amount first set forth above in this paragraph~~

29
30 **E. Rentals, Shut-in Well Payments and Minimum Royalties**

31
32 Rentals, shut-in well payments and minimum royalties which may be required under the terms of any lease shall be paid by the
33 party or parties who subjected such lease to this agreement at its or their expense. In the event two or more parties own and have con-
34 tributed interests in the same lease to this agreement, such parties may designate one of such parties to make said payments for and on
35 behalf of all such parties. Any party may request, and shall be entitled to receive, proper evidence of all such payments. In the event of
36 failure to make proper payment of any rental, shut-in well payment or minimum royalty through mistake or oversight where such pay-
37 ment is required to continue the lease in force, any loss which results from such non-payment shall be borne in accordance with the pro-
38 visions of Article IV.B.2.

39
40 Operator shall notify Non-Operator of the anticipated completion of a shut-in gas well, or the shutting in or return to production
41 of a producing gas well, at least five (5) days (excluding Saturday, Sunday and legal holidays), or at the earliest opportunity permitted by
42 circumstances, prior to taking such action, but assumes no liability for failure to do so. In the event of failure by Operator to so notify
43 Non-Operator, the loss of any lease contributed hereto by Non-Operator for failure to make timely payments of any shut-in well payment
44 shall be borne jointly by the parties hereto under the provisions of Article IV.B.3.

45
46 **F. Taxes**

47
48 Beginning with the first calendar year after the effective date hereof, Operator shall render for ad valorem taxation all property
49 subject to this agreement which by law should be rendered for such taxes, and it shall pay all such taxes assessed thereon before they
50 become delinquent. Prior to the rendition date, each Non-Operator shall furnish Operator information as to burdens (to include, but not
51 be limited to, royalties, overriding royalties and production payments) on leases and oil and gas interests contributed by such Non-
52 Operator. If the assessed valuation of any leasehold estate is reduced by reason of its being subject to outstanding excess royalties, over-
53 riding royalties or production payments, the reduction in ad valorem taxes resulting therefrom shall inure to the benefit of the owner or
54 owners of such leasehold estate, and Operator shall adjust the charge to such owner or owners so as to reflect the benefit of such reduc-
55 tion. If the ad valorem taxes are based in whole or in part upon separate valuations of each party's working interest, then notwithstanding
56 anything to the contrary herein, charges to the joint account shall be made and paid by the parties hereto in accordance with the tax
57 value generated by each party's working interest. Operator shall bill the other parties for their proportionate shares of all tax payments in
58 the manner provided in Exhibit "C".

59
60 If Operator considers any tax assessment improper, Operator may, at its discretion, protest within the time and manner
61 prescribed by law, and prosecute the protest to a final determination, unless all parties agree to abandon the protest prior to final deter-
62 mination. During the pendency of administrative or judicial proceedings, Operator may elect to pay, under protest, all such taxes and any
63 interest and penalty. When any such protested assessment shall have been finally determined, Operator shall pay the tax for the joint ac-
64 count, together with any interest and penalty accrued, and the total cost shall then be assessed against the parties, and be paid by them, as
65 provided in Exhibit "C".

66
67 Each party shall pay or cause to be paid all production, severance, excise, gathering and other taxes imposed upon or with respect to
68 the production or handling of such party's share of oil and/or gas produced under the terms of this agreement.

ARTICLE VII

continued

1 G. Insurance:

2
3 At all times while operations are conducted hereunder, Operator shall comply with the workmen's compensation law of
4 the state where the operations are being conducted; provided, however, that Operator may be a self-insurer for liability under said com-
5 pensation laws in which event the only charge that shall be made to the joint account shall be as provided in Exhibit "C". Operator shall
6 also carry or provide insurance for the benefit of the joint account of the parties as outlined in Exhibit "D", attached to and made a part
7 hereof. Operator shall require all contractors engaged in work on or for the Contract Area to comply with the workmen's compensation
8 law of the state where the operations are being conducted and to maintain such other insurance as Operator may require.

9
10 In the event automobile public liability insurance is specified in said Exhibit "D", or subsequently receives the approval of the
11 parties, no direct charge shall be made by Operator for premiums paid for such insurance for Operator's automotive equipment.

12 ARTICLE VIII.

13 ACQUISITION, MAINTENANCE OR TRANSFER OF INTEREST

14 A. Surrender of Leases:

15
16 The leases covered by this agreement, insofar as they embrace acreage in the Contract Area, shall not be surrendered in whole
17 or in part unless all parties consent thereto.

18
19 However, should any party desire to surrender its interest in any lease or in any portion thereof, and the other parties do not
20 agree or consent thereto, the party desiring to surrender shall assign, without express or implied warranty of title, all of its interest in
21 such lease, or portion thereof, and any well, material and equipment which may be located thereon and any rights in production
22 thereafter secured, to the parties not consenting to such surrender. ~~If the interest of the assigning party is or includes an oil and gas inter-~~
23 ~~est, the assigning party shall execute and deliver to the party or parties not consenting to such surrender an oil and gas lease covering~~
24 ~~such oil and gas interest for a term of one (1) year and so long thereafter as oil and/or gas is produced from the land covered thereby, such~~
25 ~~lease to be on the form attached hereto as Exhibit "B".~~ Upon such assignment or lease, the assigning party shall be relieved from all
26 obligations thereafter accruing, but not theretofore accrued, with respect to the interest assigned or leased and the operation of any well
27 attributable thereto, and the assigning party shall have no further interest in the assigned or leased premises and its equipment and pro-
28 duction other than the royalties retained in any lease made under the terms of this Article. The party assignee or lessee shall pay to the
29 party assignor or lessor the reasonable salvage value of the latter's interest in any wells and equipment attributable to the assigned or leas-
30 ed acreage. The value of all material shall be determined in accordance with the provisions of Exhibit "C", less the estimated cost of
31 salvaging and the estimated cost of plugging and abandoning. If the assignment or lease is in favor of more than one party, the interest
32 shall be shared by such parties in the proportions that the interest of each bears to the total interest of all such parties.

33
34 Any assignment, lease or surrender made under this provision shall not reduce or change the assignor's, lessor's or surrendering
35 party's interest as it was immediately before the assignment, lease or surrender in the balance of the Contract Area; and the acreage
36 assigned, leased or surrendered, and subsequent operations thereon, shall not thereafter be subject to the terms and provisions of this
37 agreement.

38 B. Renewal or Extension of Leases:

39
40 If any party secures a renewal of any oil and gas lease subject to this agreement, all other parties shall be notified promptly, and
41 shall have the right for a period of thirty (30) days following receipt of such notice in which to elect to participate in the ownership of the
42 renewal lease, insofar as such lease affects lands within the Contract Area, by paying to the party who acquired it their several proper
43 proportionate shares of the acquisition cost allocated to that part of such lease within the Contract Area, which shall be in proportion to the
44 interests held at that time by the parties in the Contract Area.

45
46 If some, but less than all, of the parties elect to participate in the purchase of a renewal lease, it shall be owned by the parties
47 who elect to participate therein, in a ratio based upon the relationship of their respective percentage of participation in the Contract Area
48 to the aggregate of the percentages of participation in the Contract Area of all parties participating in the purchase of such renewal lease.
49 Any renewal lease in which less than all parties elect to participate shall not be subject to this agreement.

50
51 Each party who participates in the purchase of a renewal lease shall be given an assignment of its proportionate interest therein
52 by the acquiring party.

53
54 The provisions of this Article shall apply to renewal leases whether they are for the entire interest covered by the expiring lease
55 or cover only a portion of its area or an interest therein. Any renewal lease taken before the expiration of its predecessor lease, or taken or
56 contracted for within six (6) months after the expiration of the existing lease shall be subject to this provision; but any lease taken or con-
57 tracted for more than six (6) months after the expiration of an existing lease shall not be deemed a renewal lease and shall not be subject to
58 the provisions of this agreement.

59
60 The provisions in this Article shall also be applicable to extensions of oil and gas leases.

61 C. Acreage or Cash Contributions:

62
63 While this agreement is in force, if any party contracts for a contribution of cash towards the drilling of a well or any other
64 operation on the Contract Area, such contribution shall be paid to the party who conducted the drilling or other operation and shall be
65 applied by it against the cost of such drilling or other operation. If the contribution be in the form of acreage, the party to whom the con-
66 tribution is made shall promptly tender an assignment of the acreage, without warranty of title, to the Drilling Parties in the proportions

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ARTICLE VIII

continued

1 said Drilling Parties shared the cost of drilling the well. Such acreage shall become a separate Contract Area and, to the extent possible, be
2 governed by provisions identical to this agreement. Each party shall promptly notify all other parties of any acreage or cash contributions
3 it may obtain in support of any well or any other operation on the Contract Area. The above provisions shall also be applicable to op-
4 tional rights to earn acreage outside the Contract Area which are in support of a well drilled inside the Contract Area.

5 If any party contracts for any consideration relating to disposition of such party's share of substances produced hereunder, such
7 consideration shall not be deemed a contribution as contemplated in this Article VIII.C.

D. Maintenance of Uniform Interest

10 ~~For the purpose of maintaining uniformity of ownership in the oil and gas leasehold interests covered by this agreement, any~~
11 ~~party shall sell, encumber, transfer or make other disposition of its interest in the leases embraced within the Contract Area and in wells,~~
12 ~~equipment and production unless such disposition covers either:~~

- 14 1. the entire interest of the party in all leases and equipment and production; or
- 15 2. ~~an equal undivided interest in all leases and equipment and production in the Contract Area.~~

19 Every such sale, encumbrance, transfer or other disposition made by any party shall be made expressly subject to this agreement
20 and shall be made without prejudice to the right of the other parties.

22 If, at any time the interest of any party is divided among and owned by four or more co-owners, Operator, at its discretion, may
23 require such co-owners to appoint a single trustee or agent with full authority to receive notices, approve expenditures, receive billings for
24 and approve and pay such party's share of the joint expenses, and to deal generally with, and with power to bind, the co-owners of such
25 party's interest within the scope of the operations embraced in this agreement; however, all such co-owners shall have the right to enter
26 into and execute all contracts or agreements for the disposition of their respective shares of the oil and gas produced from the Contract
27 Area and they shall have the right to receive, separately, payment of the sale proceeds thereof.

E. Waiver of Rights to Partition

31 If permitted by the laws of the state or states in which the property covered hereby is located, each party hereto owning an
32 undivided interest in the Contract Area waives any and all rights it may have to partition and have set aside to it in severalty its undivided
33 interest therein.

~~F. Preferential Right to Purchase~~

35 ~~Should any party desire to sell all or any part of its interests under this agreement, or its rights and interests in the Contract~~
36 ~~Area, it shall promptly give written notice to the other parties, with full information concerning its proposed sale, which shall include the~~
37 ~~name and address of the prospective purchaser (who must be ready, willing and able to purchase), the purchase price, and all other terms~~
38 ~~of the offer. The other parties shall then have an optional purchase right, for a period of ten (10) days after receipt of the notice, to purchase~~
39 ~~on the same terms and conditions the interest which the other party proposes to sell; and, if this optional right is exercised, the purchas-~~
40 ~~ing parties shall share the purchased interest in the proportion that the interest of each bears to the total interest of all purchasing~~
41 ~~parties. However, there shall be no preferential right to purchase in those cases where any party wishes to mortgage its interests, or to~~
42 ~~dispose of its interests by merger, reorganization, consolidation, or sale of all or substantially all of its assets to a subsidiary or parent com-~~
43 ~~pany or to a subsidiary of a parent company, or to any company in which any one party owns a majority of the stock.~~

ARTICLE IX.

INTERNAL REVENUE CODE ELECTION

50 This agreement is not intended to create, and shall not be construed to create, a relationship of partnership or an association
51 for profit between or among the parties hereto. Notwithstanding any provision herein that the rights and liabilities hereunder are several
52 and not joint or collective, or that this agreement and operations hereunder shall not constitute a partnership, if, for federal income tax
53 purposes, this agreement and the operations hereunder are regarded as a partnership, each party hereby affected elects to be excluded
54 from the application of all of the provisions of Subchapter "K", Chapter 1, Subtitle "A", of the Internal Revenue Code of 1986, as per-
55 mitted and authorized by Section 761 of the Code and the regulations promulgated thereunder. Operator is authorized and directed to ex-
56 ecute on behalf of each party hereby affected such evidence of this election as may be required by the Secretary of the Treasury of the
57 United States or the Federal Internal Revenue Service, including specifically, but not by way of limitation, all of the returns, statements,
58 and the data required by Federal Regulations 1.761. Should there be any requirement that each party hereby affected give further
59 evidence of this election, each such party shall execute such documents and furnish such other evidence as may be required by the
60 Federal Internal Revenue Service or as may be necessary to evidence this election. No such party shall give any notices or take any other
61 action inconsistent with the election made hereby. If any present or future income tax laws of the state or states in which the Contract
62 Area is located or any future income tax laws of the United States contain provisions similar to those in Subchapter "K", Chapter 1,
63 Subtitle "A", of the Internal Revenue Code of 1986, under which an election similar to that provided by Section 761 of the Code is per-
64 mitted, each party hereby affected shall make such election as may be permitted or required by such laws. In making the foregoing elec-
65 tion, each such party states that the income derived by such party from operations hereunder can be adequately determined without the
66 computation of partnership taxable income.

**ARTICLE X.
CLAIMS AND LAWSUITS**

Operator may settle any single uninsured third party damage claim or suit arising from operations hereunder if the expenditure does not exceed TEN THOUSAND AND 00/100 Dollars (\$ 10,000.00) and if the payment is in complete settlement of such claim or suit. If the amount required for settlement exceeds the above amount, the parties hereto shall assume and take over the further handling of the claim or suit, unless such authority is delegated to Operator. All costs and expenses of handling, settling, or otherwise discharging such claim or suit shall be at the joint expense of the parties participating in the operation from which the claim or suit arises. If a claim is made against any party or if any party is sued on account of any matter arising from operations hereunder over which such individual has no control because of the rights given Operator by this agreement, such party shall immediately notify all other parties, and the claim or suit shall be treated as any other claim or suit involving operations hereunder.

**ARTICLE XI.
FORCE MAJEURE**

If any party is rendered unable, wholly or in part, by force majeure to carry out its obligations under this agreement, other than the obligation to make money payments, that party shall give to all other parties prompt written notice of the force majeure with reasonably full particulars concerning it; thereupon, the obligations of the party giving the notice, so far as they are affected by the force majeure, shall be suspended during, but no longer than, the continuance of the force majeure. The affected party shall use all reasonable diligence to remove the force majeure situation as quickly as practicable.

The requirement that any force majeure shall be remedied with all reasonable dispatch shall not require the settlement of strikes, lockouts, or other labor difficulty by the party involved, contrary to its wishes; how all such difficulties shall be handled shall be entirely within the discretion of the party concerned.

The term "force majeure", as here employed, shall mean an act of God, strike, lockout, or other industrial disturbance, act of the public enemy, war, blockade, public riot, lightning, fire, storm, flood, explosion, governmental action, governmental delay, restraint or inaction, unavailability of equipment, and any other cause, whether of the kind specifically enumerated above or otherwise, which is not reasonably within the control of the party claiming suspension.

**ARTICLE XII.
NOTICES**

All notices authorized or required between the parties and required by any of the provisions of this agreement, unless otherwise specifically provided, shall be given in writing by mail or telegram, postage or charges prepaid, or by telex or telecopier and addressed to the parties to whom the notice is given at the addresses listed on Exhibit "A". The originating notice given under any provision hereof shall be deemed given only when received by the party to whom such notice is directed, and the time for such party to give any notice in response thereto shall run from the date the originating notice is received. The second or any responsive notice shall be deemed given when deposited in the mail or with the telegraph company, with postage or charges prepaid, or sent by telex or telecopier. Each party shall have the right to change its address at any time, and from time to time, by giving written notice thereof to all other parties.

**ARTICLE XIII.
TERM OF AGREEMENT**

This agreement shall remain in full force and effect as to the oil and gas leases and/or oil and gas interests subject hereto for the period of time selected below; provided, however, no party hereto shall ever be construed as having any right, title or interest in or to any lease or oil and gas interest contributed by any other party beyond the term of this agreement.

Option No. 1: So long as any of the oil and gas leases subject to this agreement remain or are continued in force as to any part of the Contract Area, whether by production, extension, renewal or otherwise.

Option No. 2: In the event the well described in Article VI.A., or any subsequent well drilled under any provision of this agreement, results in production of oil and/or gas in paying quantities, this agreement shall continue in force so long as any such well or wells produce, or are capable of production, and for an additional period of 90 days from cessation of all production; provided, however, if, prior to the expiration of such additional period, one or more of the parties hereto are engaged in drilling, reworking, deepening, plugging back, testing or attempting to complete a well or wells hereunder, this agreement shall continue in force until such operations have been completed and if production results therefrom, this agreement shall continue in force as provided herein. In the event the well described in Article VI.A., or any subsequent well drilled hereunder, results in a dry hole, and no other well is producing, or capable of producing oil and/or gas from the Contract Area, this agreement shall terminate unless drilling, deepening, plugging back or reworking operations are commenced within 90 days from the date of abandonment of said well.

It is agreed, however, that the termination of this agreement shall not relieve any party hereto from any liability which has accrued or attached prior to the date of such termination.

ARTICLE XIV.

COMPLIANCE WITH LAWS AND REGULATIONS

A. Laws, Regulations and Orders:

This agreement shall be subject to the conservation laws of the state in which the Contract Area is located, to the valid rules, regulations, and orders of any duly constituted regulatory body of said state; and to all other applicable federal, state, and local laws, ordinances, rules, regulations, and orders.

B. Governing Law:

This agreement and all matters pertaining hereto, including, but not limited to, matters of performance, non-performance, breach, remedies, procedures, rights, duties and interpretation or construction, shall be governed and determined by the law of the state in which the Contract Area is located. If the Contract Area is in two or more states, the law of the state of New Mexico shall govern.

C. Regulatory Agencies:

Nothing herein contained shall grant, or be construed to grant, Operator the right or authority to waive or release any rights, privileges, or obligations which Non-Operators may have under federal or state laws or under rules, regulations or orders promulgated under such laws in reference to oil, gas and mineral operations, including the location, operation, or production of wells, on tracts offsetting or adjacent to the Contract Area.

With respect to operations hereunder, Non-Operators agree to release Operator from any and all losses, damages, injuries, claims and causes of action arising out of, incident to or resulting directly or indirectly from Operator's interpretation or application of rules, rulings, regulations or orders of the Department of Energy or predecessor or successor agencies to the extent such interpretation or application was made in good faith. Each Non-Operator further agrees to reimburse Operator for any amounts applicable to such Non-Operator's share of production that Operator may be required to refund, rebate or pay as a result of such an incorrect interpretation or application, together with interest and penalties thereon owing by Operator as a result of such incorrect interpretation or application.

Non-Operators authorize Operator to prepare and submit such documents as may be required to be submitted to the purchaser of any crude oil sold hereunder or to any other person or entity pursuant to the requirements of the "Crude Oil Windfall Profit Tax Act of 1980", as same may be amended from time to time ("Act"), and any valid regulations or rules which may be issued by the Treasury Department from time to time pursuant to said Act. Each party hereto agrees to furnish any and all certifications or other information which is required to be furnished by said Act in a timely manner and in sufficient detail to permit compliance with said Act.

ARTICLE XV.

OTHER PROVISIONS

A. Failure of any party to execute this agreement shall not render it ineffective as to any party which does not execute the same. If counterparts to this agreement are executed, the signatures and acknowledgments of the parties, as affixed thereto, may be combined by Operator in, and treated and given effect for all purposes as, a single instrument. This agreement also may be ratified by separate instrument referring hereto, each of which shall have the effect of the original agreement and of adopting by reference all of the provisions herein contained.

B. Notwithstanding anything to the contrary in Article VI.B.2. or VII.D.2., the share of production from a well which non-consenting parties shall be deemed to have relinquished to consenting parties in any reworking, deepening, plugging back or completing of a well; (as such terms are defined and used in Article VI.B.2. and Article VII.D.2.) shall be the non-consenting parties' share of production only from the interval or intervals of the formation or formations from which production is obtained or increased as a result of the operations in which the non-consenting parties did not participate. In the event a subsequent operation is proposed for such well by one or more consenting parties prior to recovery of all costs and penalties recoverable from the relinquished interest of non-consenting party in said interval or formation, non-consenting party shall be entitled to participate therein to the extent of its interest prior to relinquishment.

C. Notwithstanding anything to the contrary contained in Article VII.B., each party (contributing party) contributing a lease or leases (original lease) to this agreement shall have the option, but not the obligation, at any time prior to and for sixty (60) days after the expiration of the original lease to renew such lease and to alone bear the cost and expense thereof and thereby maintain its right and interest in the tract or tracts included in the original lease and the renewal thereof. If more than one party owns an interest in the original lease, the option granted herein shall inure to the benefit of such parties and severally. If any party hereto other than the contributing party (renewing party) renews the lease at any time, the renewing party shall furnish the contributing party an itemized statement of the total cost and expense incurred in acquiring such renewal lease. The contributing party shall have sixty (60) days after the receipt of such itemized statement to reimburse the renewing party in full. If the contributing party makes such reimbursement, it shall receive from the renewing party an assignment, subject to this agreement, of all right, title and interest in and to the renewal lease. If the contributing party either renews such lease at its expense, or fully reimburses the renewing party, the party's interest hereunder in the Contract Area shall remain unchanged. If the contributing party exercises neither of the options provided above it shall thereby forfeit its right under this Article XV.C., as to such renewal lease and the renewal lease shall thereafter be subject to all the terms and conditions of Article VII.B hereof. This Article XV.C shall apply in like manner to extension of lease.

D. This Operating Agreement shall supercede and replace any previous Operating Agreements governing the Lands covered in the Contract Area shown on the Exhibit "A" attached hereto.

E. The Drilling Parties participation in each well drilled pursuant to this agreement shall be determined by the acreage committed or dedicated to each well in accordance with the applicable spacing pattern and associated ruled ad regulations of the New Mexico Oil Conservation Division.

F. Multiple completed formations in a well will be treated as a dual well until such time the formations are commingled. At such time the formations are commingled all future costs and expenses will be adjusted pursuant to the allocation formula approved by and in compliance with the New Mexico Oil Conservation Divisions rules and regulations.

ARTICLE XVI.
MISCELLANEOUS

This agreement shall be binding upon and shall inure to the benefit of the parties hereto and to their respective heirs, devisees, legal representatives, successors and assigns.

This instrument may be executed in any number of counterparts, each of which shall be considered an original for all purposes.

IN WITNESS WHEREOF, this agreement shall be effective as of 1st day of February, 19 99.

OPERATOR

BURLINGTON RESOURCES OIL & GAS COMPANY

BY: John F. Zent
John F. Zent, Attorney-in-Fact

NON-OPERATORS

Amoco Production Company

BY: Lebra J. Howwood *Lebra*
ATTORNEY-IN-FACT

Energen Resources

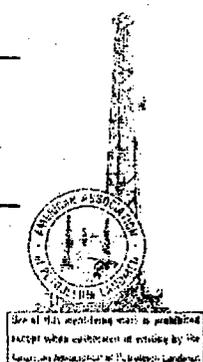
BY: _____

Westport Oil and Gas Company, Inc.

BY: _____

BY: _____
Robert Warren Umbach

BY: _____
George William Umbach



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BY: John F. Zent
John F. Zent, Attorney-in-Fact

NON-OPERATORS

Amoco Production Company

BY: Albra J. Howwood *How.*
ATTORNEY-IN-FACT

Energen Resources

BY: _____

Westport Oil and Gas Company, Inc.

BY: _____

BY: _____
Robert Warren Umbach

BY: George Willam Umbach
George Willam Umbach



CONT.

BY: _____
Cheryl Potenziani

BY: _____
Roger B. Nielsen

BY: _____
Cross Timbers Oil Company

BY: _____
Merchant Resources Limited Partnership #1

Lowell White Family Trust
Bank of America, Agent

BY: _____

Walter A. Steele
Bank of America, Agent

BY: _____

Estate of G. W. Hannett
Bank of America, Agent

BY: _____

T. G. Cornish
Bank of America, Agent

BY: _____

Patricia Hueter
Bank of America, Agent

BY: _____

Mary Emily Voller
Bank of America, Agent

BY: _____

CONT.

A. T. Hannett
Bank of America, Agent

BY: _____

F. A. & H. B. Cronican Rev. Trust
Bank of America, Agent

BY: _____

Herbert R. Briggs
Bank of America, Agent

BY: _____

William C. Briggs
Bank of America, Agent

BY: _____

C. Fred Luthy, Jr.
Bank of America, Agent

BY: _____

WWR Enterprises
Bank of America, Agent

BY: _____

Marcia Berger
Bank of America, Agent

BY: _____

Carolyn Sedberry
Bank of America, Agent

BY: _____

Cyrene Inman Trust
Bank of America, Agent

BY: _____

EXHIBIT "A"

Attached to and made a part of that certain Operating Agreement dated February 1, 1999, by and between BURLINGTON RESOURCES OIL & GAS COMPANY, as Operator, and AMOCO PRODUCTION COMPANY, et al, as Non-Operators.

I. LANDS SUBJECT TO OPERATING AGREEMENT:

All Lands Covered by that certain Operating Agreement dated November 27, 1951, as amended (Gla-46), between Brookhaven Oil Company and San Juan Production Company. (Exhibit "A-1", Lease Schedule and Exhibit "A-2", Well List).

II. RESTRICTIONS, IF ANY, AS TO DEPTHS OR FORMATIONS:

All Depths

III. OIL & GAS LEASES SUBJECT TO THIS AGREEMENT:

Exhibit A-1 Lease Schedule

IV. WELL LIST:

Exhibit A-2 Well List

V. ADDRESSES AND WORKING PERCENTAGE INTERESTS OF PARTIES TO THIS AGREEMENT:

Burlington Resources Oil & Gas Company
c/o Land Department
P.O. Box 4289
Farmington, New Mexico 87499
Main # 505-326-9700
Fax # 505-326-9781

OPERATOR

NON-OPERATORS

Amoco Production Company
P.O. Box 800
Denver, CO 80201

Energex Resources Corporation
Attn: Rich Corcoran
2198 Bloomfield Highway
Farmington, NM 87401

Westport Oil and Gas Company, Inc.
Attn: Kent Davis
410 Seventeenth Street, Suite 2300
Denver, CO 80202-4436

George William Umbach
2620 S. Maryland Pkwy. #496
Las Vegas, NV 89109

Robert Warren Umbach
P.O. Box 5310
Farmington, NM 87499

Lowell White Family Trust
c/o Bank of America, Agent
Private Clients Group
Professional Services Division
Attn: Ed DiRe
P.O. Box 2546
Ft. Worth, TX 76113

Walter A. Steele
c/o Bank of America, Agent
Private Clients Group
Professional Services Division
Attn: Ed DiRe
P.O. Box 2546
Ft. Worth, TX 76113

Estate of G. W. Hannett
c/o Bank of America, Agent
Private Clients Group
Professional Services Division
Attn: Ed DiRe
P.O. Box 2546
Ft. Worth, TX 76113

T. G. Cornish
c/o Bank of America, Agent
Private Clients Group
Professional Services Division
Attn: Ed DiRe
P.O. Box 2546
Ft. Worth, TX 76113

Patricia Hueter
c/o Bank of America, Agent
Private Clients Group
Professional Services Division
Attn: Ed DiRe
P.O. Box 2546
Ft. Worth, TX 76113

Mary Emily Voller
c/o Bank of America, Agent
Private Clients Group
Professional Services Division
Attn: Ed DiRe
P.O. Box 2546
Ft. Worth, TX 76113

A. T. Hannett
c/o Bank of America, Agent
Private Clients Group
Professional Services Division
Attn: Ed DiRe
P.O. Box 2546
Ft. Worth, TX 76113

William C. Briggs
c/o Bank of America, Agent
Private Clients Group
Professional Services Division
Attn: Ed DiRe
P.O. Box 2546
Ft. Worth, TX 76113

Herbert R. Briggs
c/o Bank of America, Agent
Professional Services Division
Attn: Ed DiRe
P.O. Box 2546
Ft. Worth, TX 76113

F.A & H.B. Cronican Rev. Trust
c/o Bank of America, Agent
Private Clients Group
Professional Services Division
Attn: Ed DiRe
P.O. Box 2546
Ft. Worth, TX 76113

C. Fred Luthy Jr.
c/o Bank of America, Agent
Private Clients Group
Professional Services Division
Attn: Ed DiRe
P.O. Box 2546
Ft. Worth, TX 76113

WWR Enterprises
c/o Bank of America, Agent
Private Clients Group
Professional Services Division
Attn: Ed DiRe
P.O. Box 2546
Ft. Worth, TX 76113

Marcia Berger
c/o Bank of America, Agent
Private Clients Group
Professional Services Division
Attn: Ed DiRe
P.O. Box 2546
Ft. Worth, TX 76113

Carolyn Sedberry
c/o Bank of America, Agent
Private Clients Group
Professional Services Division
Attn: Ed DiRe
P.O. Box 2546
Ft. Worth, TX 76113

Cyren Inman Trust
c/o Bank of America, Agent
Private Clients Group
Professional Services Division
Attn: Ed DiRe
P.O. Box 2546
Ft. Worth, TX 76113

Roger B. Nielsen
6424 Belton
El Paso, TX 79912

Cheryl L. Potenziani
P.O. Box 36600, Station D
Albuquerque, NM 87176

**Cross Timbers Oil Company
Attn: Vaughn Vennerberg II
810 Houston Street Suite 2000
Fort Worth, TX 76102-6298**

EXHIBIT "A-1"
LEASE SCHEDULE

LIS #	LESSOR	DESCRIPTION	OWNER INFORMATION	
1)	22031700	Joe W. Walsh	<u>T31N, R10W</u> Sec. 3: Portion of NW/4 NW/4 1.00 Acres	Umbach Group 7.143000% Energen Group 17.857000% Burlington <u>25.000000%</u> 50.000000%
	22031800	Harold W. Rice, et ux	<u>T31N, R10W</u> Sec. 3: Portion of NW/4 NW/4 1.00 Acres	Umbach Group 7.143000% Energen Group 17.857000% Burlington <u>25.000000%</u> 50.000000%
3)	22031901	M.H. Ford, et ux	<u>T31N, R10W</u> Sec. 14: SW/4 NW/4 Sec. 15: SE/4 NW/4 80.00 Acres	Umbach Group 0.195312% Energen Group 1.171875% Amoco 1.757813% Burlington <u>3.125000%</u> 6.250000%
4)	22031902	D.L. Malone, et ux	<u>T31N, R10W</u> Sec. 14: SW/4 NW/4 Sec. 15: SE/4 NW/4 80.00 Acres	Umbach Group 0.195312% Energen Group 1.171875% Amoco 1.757813% Burlington <u>3.125000%</u> 6.250000%
5)	22031903	A.F. Reese, et ux	<u>T31N, R10W</u> Sec. 14: SW/4 NW/4 40.00 Acres	Umbach Group 0.781250% Energen Group 4.687500% Amoco 7.031250% Burlington <u>12.500000%</u> 25.000000%
6)	22031904	Katherine Reese Shepard, et vir	<u>T31N, R10W</u> Sec. 15: SE/4 NW/4 40.00 Acres	Umbach Group 0.781250% Energen Group 4.687500% Amoco 7.031250% Burlington <u>12.500000%</u> 25.000000%
7)	22031905	G.T. Lackey, et ux	<u>T31N, R10W</u> Sec. 14: SW/4 NW/4 Sec. 15: SE/4 NW/4 80.00 Acres	Umbach Group 1.953120% Energen Group 11.718750% Amoco 17.578130% Burlington <u>31.250000%</u> 62.500000%
8)	22032100	Ben Case, et al	<u>T31N, R10W</u> Sec. 4: NW/4 SW/4 40.00 Acres	Dacresa Group 50.000000% Burlington <u>50.000000%</u> 100.000000%
9)	22032300	Glady's E. Dejarnette	<u>T31N, R10W</u> Sec. 14: E/2 SW/4, NW/4 SW/4 120.00 Acres	Umbach Group 1.125000% Energen Group 13.750000% Amoco 21.125000% Burlington <u>56.000000%</u> 100.000000%
10)	22032400	Charles A. Wood, et ux	<u>T31N, R10W</u> Sec. 3: Lot 4 39.00 Acres	Dacresa Group 50.000000% Burlington <u>50.000000%</u> 100.000000%
11)	22032500	USA SF-078604	<u>T31N, R10W</u> Sec. 3: Lots 5-9, S/2 NW/4 Sec. 4: Lot 5, E/2 SW/4 Sec. 8: Lots 1, 2, 4, 5 Sec. 9: Lots 1, 2, NE/4 NW/4 Sec. 17: Lots 1-10 <u>T32N, R10W</u> Sec. 29: Lots 1-8, NW/4 Sec. 31: Lots 5, 6, 11-14, 19, 20 Sec. 34: Lots 1, 2, 4-7, 10, 11 2157.65 Acres	Umbach Group 3.125000% Energen Group 11.750000% Amoco 21.125000% Burlington <u>56.000000%</u> 100.000000%
12)	22032600	St. of NM B-11318-29	<u>T31N, R10W</u> Sec. 16: NW/4 SW/4 40.00 Acres	Dacresa Group 20.000000% Umbach Group 2.500000% Energen Group 10.000000% Amoco 17.500000% Burlington <u>50.000000%</u> 100.000000%
13)	22032700	St. of NM B-1405-49	<u>T31N, R10W</u> Sec. 16: SE/4 NW/4 40.00 Acres	Dacresa Group 20.000000% Umbach Group 2.500000% Energen Group 10.000000% Amoco 17.500000% Burlington <u>50.000000%</u> 100.000000%

EXHIBIT "A-1"
LEASE SCHEDULE

LIS #	LESSOR	DESCRIPTION	OWNER INFORMATION
14)	22032801	St. of NM B-11124-28 <u>T31N, R10W</u> Sec. 16: SE/4 NE/4 40.00 Acres	Dacresa Group 20.000000% Umbach Group 2.500000% Energen Group 10.000000% Amoco 17.500000% Burlington <u>50.000000%</u> 100.000000%
15)	22032802	St. of NM B-11124-32 <u>T31N, R10W</u> Sec. 16: SW/4 SE/4 40.00 Acres	Dacresa Group 20.000000% Umbach Group 2.500000% Energen Group 10.000000% Amoco 17.500000% Burlington <u>50.000000%</u> 100.000000%
16)	22032803	St. of NM B-11124-29 <u>T30N, R10W</u> Sec. 2: Lot 3 40.33 Acres	Dacresa Group 20.000000% Umbach Group 2.500000% Energen Group 10.000000% Amoco 17.500000% Burlington <u>50.000000%</u> 100.000000%
17)	22032804	St. of NM B-11124-30 <u>T30N, R10W</u> Sec. 16: NW/4 SE/4 40.00 Acres	Dacresa Group 20.000000% Umbach Group 2.500000% Energen Group 10.000000% Amoco 17.500000% Burlington <u>50.000000%</u> 100.000000%
18)	22032805	St. of NM B-11124-31 <u>T30N, R10W</u> Sec. 16: NW/4 SW/4 40.00 Acres	Dacresa Group 20.000000% Umbach Group 2.500000% Energen Group 10.000000% Amoco 17.500000% Burlington <u>50.000000%</u> 100.000000%
19)	22032902	St. of NM B-10405-50 <u>T31N, R10W</u> Sec. 16: SW/4 SE/4 40.00 Acres	Dacresa Group 20.000000% Umbach Group 2.500000% Energen Group 10.000000% Amoco 17.500000% Burlington <u>50.000000%</u> 100.000000%
20)	22032903	St. of NM B-10405-51 <u>T31N, R10W</u> Sec. 23: NE/4 NW/4 40.00 Acres	Dacresa Group 20.000000% Umbach Group 2.500000% Energen Group 10.000000% Amoco 17.500000% Burlington <u>50.000000%</u> 100.000000%
21)	22033000	St. of NM E-70-22 <u>T31N, R10W</u> Sec. 16: SE/4 SW/4 40.00 Acres	Dacresa Group 20.000000% Umbach Group 2.500000% Energen Group 10.000000% Amoco 17.500000% Burlington <u>50.000000%</u> 100.000000%
22)	22033100	St. of NM E-286-23 <u>T31N, R10W</u> Sec. 16: NW/4 SE/4 40.00 Acres	Dacresa Group 20.000000% Umbach Group 2.500000% Energen Group 10.000000% Amoco 17.500000% Burlington <u>50.000000%</u> 100.000000%
23)	22033200	St. of NM E-286-24 <u>T31N, R10W</u> Sec. 16: NW/4 NE/4 40.00 Acres	Dacresa Group 20.000000% Umbach Group 2.500000% Energen Group 10.000000% Amoco 17.500000% Burlington <u>50.000000%</u> 100.000000%
24)	22033300	St. of NM B-11505-51 <u>T32N, R11W</u> Sec. 32: NW/4 SW/4 40.00 Acres	Umbach Group 3.125000% Energen Group 18.750000% Amoco 28.125000% Burlington <u>50.000000%</u> 100.000000%

EXHIBIT "A-1"
LEASE SCHEDULE

25)	22033400	St. of NM B-11318-28	<u>T32N, R11W</u> Sec. 32: NE/4 SE/4 40.00 Acres	Umbach Group Energen Group Amoco Burlington	3.125000% 18.750000% 28.125000% <u>50.000000%</u> 100.000000%
26)	22033500	St. of NM B-11318-27	<u>T32N, R11W</u> Sec. 32: SW/4 SW/4 40.00 Acres	Umbach Group Energen Group Amoco Burlington	3.125000% 18.750000% 28.125000% <u>50.000000%</u> 100.000000%
27)	22033600	St. of NM B-11513-14	<u>T31N, R11W</u> Sec. 16: NW/4 SE/4 40.00 Acres	Dacresa Group Energen Group Burlington	25.000000% 25.000000% <u>50.000000%</u> 100.000000%
28)	22033701	St. of NM B-11017-20	<u>T31N, R10W</u> Sec. 32: SW/4 NW/4 40.00 Acres	Dacresa Group Umbach Group Energen Group Amoco Burlington	20.000000% 2.500000% 10.000000% 17.500000% <u>50.000000%</u> 100.000000%
29)	22033702	St. of NM B-11017-47	<u>T31N, R11W</u> Sec. 16: SW/4 SE/4 40.00 Acres	Dacresa Group Burlington	50.000000% <u>50.000000%</u> 100.000000%
30)	22033703	St. of NM B-11017-28	<u>T31N, R10W</u> Sec. 16: SE/4 NE/4, SE/4 SE/4 80.00 Acres	Energen Group Burlington	50.000000% <u>50.000000%</u> 100.000000%
31)	22033704	St. of NM B-11017-46	<u>T31N, R10W</u> Sec. 16: NE/4 NE/4, NE/4 SE/4 80.00 Acres	Dacresa Group Burlington	50.000000% <u>50.000000%</u> 100.000000%
32)	22033800	St. of NM E-1203-2	<u>T30N, R09W</u> Sec. 2: NE/4 SE/4 40.00 Acres	Energen Group Burlington	50.000000% <u>50.000000%</u> 100.000000%
33)	22034000	St. of NM B-11242-30	<u>T30N, R10W</u> Sec. 16: NW/4 NW/4 40.00 Acres	Dacresa Group Umbach Group Energen Group Amoco Burlington	20.000000% 2.500000% 10.000000% 17.500000% <u>50.000000%</u> 100.000000%
34)	22034200	St. of NM B-11418-14	<u>T31N, R11W</u> Sec. 2: SE/4 SW/4 40.00 Acres	Umbach Group Energen Group Amoco Burlington	3.125000% 25.000000% 21.875000% <u>50.000000%</u> 100.000000%
35)	22034401	St. of NM B-10405-52	<u>T30N, R10W</u> Sec. 16: SE/4 SE/4 40.00 Acres	Dacresa Group Umbach Group Energen Group Amoco Burlington	20.000000% 2.500000% 10.000000% 17.500000% <u>50.000000%</u> 100.000000%
36)	22034402	St. of NM B-10405-54	<u>T31N, R10W</u> Sec. 23: NW/4 NE/4 40.00 Acres	Dacresa Group Burlington	50.000000% <u>50.000000%</u> 100.000000%
37)	22034500	St. of NM E-7674	<u>T31N, R11W</u> Sec. 16: NE/4 NW/4, NW/4 NE/4 80.00 Acres	Dacresa Group Burlington	50.000000% <u>50.000000%</u> 100.000000%
38)	22034600	USA SF-078316B	<u>T31N, R10W</u> Sec. 13: Lots 3, 4 Sec. 15: Lot 10 109.62 Acres	Umbach Group Energen Group Amoco Burlington	4.167000% 16.666000% 29.167000% <u>50.000000%</u> 100.000000%
39)	22062700	St. of NM E-3150-3	<u>T31N, R11W</u> Sec. 16: SW/4 NE/4 40.00 Acres	Energen Group Burlington	50.000000% <u>50.000000%</u> 100.000000%

EXHIBIT "A-1"
LEASE SCHEDULE

LIS #	LESSOR	DESCRIPTION	OWNER INFORMATION	
40)	22033901	St. of NM E-6001-3	<u>T27N, R08W</u> Sec. 36: SE/4 NW/4 40.00 Acres	Dacresa Group 50.000000% Burlington 50.000000% 100.000000%
	22033902	St. of NM E-6001-2	<u>T27N, R08W</u> Sec. 36: NE/4 NW/4 40.00 Acres	Energen Group 37.500000% Amoco 12.500000% Burlington 50.000000% 100.000000%
42)	22034101	St. of NM B-11125-47	<u>T27N, R08W</u> Sec. 36: SW/4 NW/4 40.00 Acres	Dacresa Group 25.000000% Energen Group 25.000000% Burlington 50.000000% 100.000000%
43)	22034102	St. of NM B-11125-68	<u>T27N, R08W</u> Sec. 36: NW/4 NW/4 40.00 Acres	Dacresa Group 50.000000% Burlington 50.000000% 100.000000%
44)	22034103	St. of NM B-11125-50	<u>T27N, R08W</u> Sec. 36: NE/4 SW/4 40.00 Acres	Energen Group 50.000000% Burlington 50.000000% 100.000000%
45)	22034104	St. of NM B-11125-70	<u>T27N, R08W</u> Sec. 36: NW/4 SE/4 40.00 Acres	Dacresa Group 50.000000% Burlington 50.000000% 100.000000%
46)	22034105	St. of NM B-11125-52	<u>T27N, R08W</u> Sec. 36: SW/4 SE/4 40.00 Acres	Dacresa Group 25.000000% Energen Group 25.000000% Burlington 50.000000% 100.000000%
47)	22034106	St. of NM B-11125-53	<u>T27N, R08W</u> Sec. 36: SE/4 SE/4 40.00 Acres	Dacresa Group 20.000000% Umbach Group 2.500000% Energen Group 20.000000% Amoco 7.500000% Burlington 50.000000% 100.000000%
48)	22034107	St. of NM B-11125-69	<u>T27N, R08W</u> Sec. 36: NW/4 SW/4 40.00 Acres	Dacresa Group 50.000000% Burlington 50.000000% 100.000000%
4	22034300	St. of NM B-11125-53	<u>T28N, R07W</u> Sec. 24: SE/4 160.00 Acres	Dacresa Group 28.166000% Umbach Group 2.729250% Energen Group 5.458500% Amoco 13.646250% Burlington 50.000000% 100.000000%

ENERGEN GROUP

ENERGEN 69%
WESTPORT 31%
100%

UMBACH GROUP

Robert Umbach 37.500000%
George Umbach 37.500000%
Lowell White Family Trust 6.250000%
Walter A. Steele 6.250000%
Estate of G.W. Hannett 5.208300%
T.G. Cornish 4.166600%
Patricia Hueter 1.041700%
Mary Emily Voller 1.041700%
A.T. Hannett II 1.041700%
100.000000%

DACRESA GROUP

Energen Group 35.422118%
William C. Briggs 4.292297%
Herbert R. Briggs 4.295142%
Roger B. Nielsen 8.587439%
Carolyn Sedberry 8.587439%
C. Fed Luthy Jr. 8.471764%
Cheryl L. potenziani 4.236356%
Cyren L. Inman 8.471764%
FA & HB Cronican Trust 4.809990%
Marcia Berger 4.293719%
WWR Enterprises 4.293720%
BR (Cheryl Potenzialani & Potenzialani Family Partnership Acquisition) 4.238252%
100.000000%

EXHIBIT "A-2"
WELL LIST

WELL NAME	DED	SEC	TWN	RNG	FORM	INTEREST OWNER	GWI %
ATLANTIC 13	SE4	023	031N	010W	PC	AMOCO PRODUCTION CO	7.172000
						BR OIL & GAS CO	87.249777
						HANNETT STEELE PARTN	0.195313
						ENERGEN GROUP	4.796973
						UMBACH GEORGE W	0.292969
						UMBACH ROBERT	0.292968
ATLANTIC COM A 7	E2	023	031N	010W	MV	AMOCO PRODUCTION CO	9.765625
						BERGER MARCIA	0.268358
						BR OIL & GAS CO	75.264891
						BRIGGS HERBERT R	0.268446
						BRIGGS WILLIAM C	0.268268
						CONOCO INC	6.250000
						CRONICAN FRANK & HAR	0.300624
						HANNETT STEELE PARTN	0.097657
						INMAN CYRENE L	0.529485
						LUTHY C FRED JR	0.529485
						NIELSEN ROGER B	0.536715
						POTENZIANI CHERYL L	0.264773
						SEDBERRY CAROLYN N	0.536715
						ENERGEN GROUP	4.557633
						UMBACH GEORGE W	0.146484
UMBACH ROBERT	0.146484						
WWR ENTERPRISES INC	0.268357						
ATLANTIC COM A 7A	E2	023	031N	010W	MV	AMOCO PRODUCTION CO	9.765625
						BERGER MARCIA	0.268358
						BR OIL & GAS CO	75.264891
						BRIGGS HERBERT R	0.268446
						BRIGGS WILLIAM C	0.268268
						CONOCO INC	6.250000
						CRONICAN FRANK & HAR	0.300624
						HANNETT STEELE PARTN	0.097657
						INMAN CYRENE L	0.529485
						LUTHY C FRED JR	0.529485
						NIELSEN ROGER B	0.536715
						POTENZIANI CHERYL L	0.264773
						SEDBERRY CAROLYN N	0.536715
						ENERGEN GROUP	4.557633
						UMBACH GEORGE W	0.146484
UMBACH ROBERT	0.146484						
WWR ENTERPRISES INC	0.268357						
ATLANTIC COM A 7R	E2	023	031N	010W	MV	AMOCO PRODUCTION CO	9.765625
						BERGER MARCIA	0.268358
						BR OIL & GAS CO	75.264891
						BRIGGS HERBERT R	0.268446
						BRIGGS WILLIAM C	0.268268
						CONOCO INC	6.250000
						CRONICAN FRANK & HAR	0.300624
						HANNETT STEELE PARTN	0.097657
						INMAN CYRENE L	0.529485
						LUTHY C FRED JR	0.529485
						NIELSEN ROGER B	0.536715
						POTENZIANI CHERYL L	0.264773
						SEDBERRY CAROLYN N	0.536715
						ENERGEN GROUP	4.557633
						UMBACH GEORGE W	0.146484
UMBACH ROBERT	0.146484						
WWR ENTERPRISES INC	0.268357						
ATLANTIC COM B 8	W2	023	031N	010W	MV	AMOCO PRODUCTION CO	2.187500
						BERGER MARCIA	0.107340
						BR OIL & GAS CO	81.356020
						BRIGGS HERBERT R	0.107365
						BRIGGS WILLIAM C	0.107295
						BURLINGTON RESO O&G CO-SJBT	12.500000
						CRONICAN FRANK & HAR	0.120240
						HANNETT STEELE PARTN	0.078125
						INMAN CYRENE L	0.211787
						LUTHY C FRED JR	0.211787
						NIELSEN ROGER B	0.214680
						POTENZIANI CHERYL L	0.105906
						SEDBERRY CAROLYN N	0.214680
						ENERGEN GROUP	2.135560
						UMBACH GEORGE W	0.117188
UMBACH ROBERT	0.117187						
WWR ENTERPRISES INC	0.107340						

EXHIBIT "A-2"
WELL LIST

WELL NAME	DED	SEC	TWN	RNG	FORM	INTEREST OWNER	GWI %
ATLANTIC COM B 8A	W2	023	031N	010W	MV	AMOCO PRODUCTION CO	2.187500
						BERGER MARCIA	0.107340
						BR OIL & GAS CO	81.356020
						BRIGGS HERBERT R	0.107385
						BRIGGS WILLIAM C	0.107295
						BURLINGTON RESO O&G CO-SJBT	12.500000
						CRONICAN FRANK & HAR	0.120240
						HANNETT STEELE PARTN	0.078125
						INMAN CYRENE L	0.211787
						LUTHY C FRED JR	0.211787
						NIELSEN ROGER B	0.214680
						POTENZIANI CHERYL L	0.105906
						SEDBERRY CAROLYN N	0.214680
						ENERGEN GROUP	2.135560
						UMBACH GEORGE W	0.117188
UMBACH ROBERT	0.117187						
WWR ENTERPRISES INC	0.107340						
ATLANTIC COM C 10	NW4	023	031N	010W	PC	AMOCO PRODUCTION CO	4.397538
						BERGER MARCIA	0.215790
						BR OIL & GAS CO	62.519825
						BRIGGS HERBERT R	0.215862
						BRIGGS WILLIAM C	0.215719
						BURLINGTON RESO O&G CO-SJBT	25.128785
						CRONICAN FRANK & HAR	0.241736
						HANNETT STEELE PARTN	0.156250
						INMAN CYRENE L	0.425768
						LUTHY C FRED JR	0.425768
						NIELSEN ROGER B	0.431581
						POTENZIANI CHERYL L	0.212908
						SEDBERRY CAROLYN N	0.431581
						ENERGEN GROUP	4.296352
						UMBACH GEORGE W	0.234375
UMBACH ROBERT	0.234375						
WWR ENTERPRISES INC	0.215791						
ATLANTIC COM D 11	NE4	023	031N	010W	PC	AMOCO PRODUCTION CO	12.745348
						BERGER MARCIA	0.547250
						BR OIL & GAS CO	62.304135
						BRIGGS HERBERT R	0.547431
						BRIGGS WILLIAM C	0.547068
						CONOCO INC	12.745348
						CRONICAN FRANK & HAR	0.613050
						INMAN CYRENE L	1.079756
						LUTHY C FRED JR	1.079757
						NIELSEN ROGER B	1.094499
						POTENZIANI CHERYL L	0.539939
						SEDBERRY CAROLYN N	1.094499
						ENERGEN GROUP	4.514670
						WWR ENTERPRISES INC	0.547250
						ATLANTIC D COM 205	E2
ASHOLA LLC	68.400677						
BERGER MARCIA	0.273677						
BRIGGS HERBERT R	0.273768						
BRIGGS WILLIAM C	0.273587						
CONOCO INC	6.373893						
CRONICAN FRANK & HAR	0.306584						
HANNETT STEELE PARTN	0.089592						
INMAN CYRENE L	0.539981						
LUTHY C FRED JR	0.539981						
BR OIL & GAS CO	6.373893						
NIELSEN ROGER B	0.547354						
POTENZIANI CHERYL L	0.270020						
SEDBERRY CAROLYN N	0.547354						
ENERGEN GROUP	4.647978						
UMBACH GEORGE W	0.149388						
UMBACH ROBERT	0.149388						
WWR ENTERPRISES INC	0.273677						
ATLANTIC D COM B 3	N2	016	030N	010W	MV	AMOCO PRODUCTION CO	6.250000
						BERGER MARCIA	0.107343
						BR OIL & GAS CO	78.952801
						BRIGGS HERBERT R	0.107378
						BRIGGS WILLIAM C	0.107307
						CONOCO INC	6.250000
						CRONICAN FRANK & HAR	0.120240
HANNETT STEELE PARTN	0.078125						

**EXHIBIT "A-2"
WELL LIST**

WELL NAME	DED	SEC	TWN	RNG	FORM	INTEREST OWNER	GWI %
						INMAN CYRENE L	0.211794
						LUTHY C FRED JR	0.211794
						NIELSEN ROGER B	0.214685
						POTENZIANI CHERYL L	0.105908
						SEDBERRY CAROLYN N	0.214685
						ENERGEN GROUP	2.226414
						UMBACH GEORGE W	0.117187
						UMBACH ROBERT	0.117188
						WILLIAMS PRODUCTION	4.500000
						WWR ENTERPRISES INC	0.107342
ATLANTIC D COM B 3A	N2	016	030N	010W	MV	AMOCO PRODUCTION CO	6.250000
						BERGER MARCIA	0.107340
						BR OIL & GAS CO	78.952601
						BRIGGS HERBERT R	0.107378
						BRIGGS WILLIAM C	0.107307
						CONOCO INC	6.250000
						CRONICAN FRANK & HAR	0.120249
						HANNETT STEELE PARTN	0.078127
						INMAN CYRENE L	0.211793
						LUTHY C FRED JR	0.211792
						NIELSEN ROGER B	0.214684
						POTENZIANI CHERYL L	0.105908
						SEDBERRY CAROLYN N	0.214684
						ENERGEN GROUP	2.226420
						UMBACH GEORGE W	0.117188
						UMBACH ROBERT	0.117188
						WILLIAMS PRODUCTION	4.500000
						WWR ENTERPRISES INC	0.107342
ATLANTIC D COM E 6A	S2	016	030N	010W	MV	AMOCO PRODUCTION CO	4.375000
						BERGER MARCIA	0.214686
						BR OIL & GAS CO	75.211912
						BRIGGS HERBERT R	0.214756
						BRIGGS WILLIAM C	0.214615
						CRONICAN FRANK & HAR	0.240499
						HANNETT STEELE PARTN	0.156252
						INMAN CYRENE L	0.423588
						KAI HERBERT	12.500000
						LUTHY C FRED JR	0.423588
						NIELSEN ROGER B	0.429372
						POTENZIANI CHERYL L	0.211818
						SEDBERRY CAROLYN N	0.429372
						ENERGEN GROUP	4.271106
						UMBACH GEORGE W	0.234375
						UMBACH ROBERT	0.234375
						WWR ENTERPRISES INC	0.214686
ATLANTIC D COM E 6R	S2	016	030N	010W	MV	AMOCO PRODUCTION CO	0.000000
						BERGER MARCIA	0.214686
						BR OIL & GAS CO	79.586912
						BRIGGS HERBERT R	0.214756
						BRIGGS WILLIAM C	0.214615
						CRONICAN FRANK & HAR	0.240499
						HANNETT STEELE PARTN	0.156252
						INMAN CYRENE L	0.423588
						KAI HERBERT	12.500000
						LUTHY C FRED JR	0.423588
						NIELSEN ROGER B	0.429372
						POTENZIANI CHERYL L	0.211818
						SEDBERRY CAROLYN N	0.429372
						ENERGEN GROUP	4.271106
						UMBACH GEORGE W	0.234375
						UMBACH ROBERT	0.234375
						WWR ENTERPRISES INC	0.214686
ATLANTIC D COM J 11	NW4	016	030N	010W	PC	AMOCO PRODUCTION CO	16.875000
						BERGER MARCIA	0.214684
						BR OIL & GAS CO	62.711911
						BRIGGS HERBERT R	0.214756
						BRIGGS WILLIAM C	0.214614
						CONOCO INC	12.500000
						CRONICAN FRANK & HAR	0.240499
						HANNETT STEELE PARTN	0.156250
						INMAN CYRENE L	0.423585
						LUTHY C FRED JR	0.423585
						NIELSEN ROGER B	0.429368
						POTENZIANI CHERYL L	0.211817
						SEDBERRY CAROLYN N	0.429368

EXHIBIT "A-2"
WELL LIST

WELL NAME	DED	SEC	TWN	RNG	FORM	INTEREST OWNER	GWI %
						ENERGEN GROUP	4.271130
						UMBACH GEORGE W	0.234375
						UMBACH ROBERT	0.234375
						WWR ENTERPRISES INC	0.214684
ATLANTIC D COM L 13	SE4	016	030N	010W	PC	AMOCO PRODUCTION CO	4.375000
						BERGER MARCIA	0.214684
						BR OIL & GAS CO	67.711911
						BRIGGS HERBERT R	0.214756
						BRIGGS WILLIAM C	0.214614
						CRONICAN FRANK & HAR	0.240498
						HANNETT STEELE PARTN	0.156250
						INMAN CYRENE L	0.423585
						LUTHY C FRED JR	0.423585
						NIELSEN ROGER B	0.429368
						POTENZIANI CHERYL L	0.211817
						SEDBERRY CAROLYN N	0.429368
						ENERGEN GROUP	4.271130
						UMBACH GEORGE W	0.234375
						UMBACH ROBERT	0.234375
						WWR ENTERPRISES INC	0.214684
ATLANTIC D COMM 14	SE4	032	031N	010W	PC	BR OIL & GAS CO	100.000000
ATLANTIC D COM N 15	NW4	002	030N	010W	PC	BR OIL & GAS CO	100.000000
BROOKHAVEN COM 1	W2	016	031N	010W	MV	AMOCO PRODUCTION CO	19.062500
						BERGER MARCIA	0.322030
						BR OIL & GAS CO	44.067910
						BRIGGS HERBERT R	0.322125
						BRIGGS WILLIAM C	0.321915
						BURLINGTON RESO O&G CO-SJBT	25.000000
						CRONICAN FRANK & HAR	0.360740
						HANNETT STEELE PARTN	0.234375
						INMAN CYRENE L	0.635373
						LUTHY C FRED JR	0.635373
						NIELSEN ROGER B	0.644050
						POTENZIANI CHERYL L	0.317724
						SEDBERRY CAROLYN N	0.644050
						ENERGEN GROUP	6.406690
						UMBACH GEORGE W	0.351563
						UMBACH ROBERT	0.351562
						WWR ENTERPRISES INC	0.322020
BROOKHAVEN COM 1A	W2	016	031N	010W	MV	AMOCO PRODUCTION CO	19.062500
						BERGER MARCIA	0.322030
						BR OIL & GAS CO	44.067910
						BRIGGS HERBERT R	0.322125
						BRIGGS WILLIAM C	0.321915
						BURLINGTON RESO O&G CO-SJBT	25.000000
						CRONICAN FRANK & HAR	0.360740
						HANNETT STEELE PARTN	0.234375
						INMAN CYRENE L	0.635373
						LUTHY C FRED JR	0.635373
						NIELSEN ROGER B	0.644050
						POTENZIANI CHERYL L	0.317724
						SEDBERRY CAROLYN N	0.644050
						ENERGEN GROUP	6.406690
						UMBACH GEORGE W	0.351563
						UMBACH ROBERT	0.351562
						WWR ENTERPRISES INC	0.322020
BROOKHAVEN COM 7	E2	036	027N	008W	MV	BERGER MARCIA	0.000000
						BR OIL & GAS CO	86.059433
						BRIGGS HERBERT R	0.000000
						BRIGGS WILLIAM C	0.000000
						CRONICAN FRANK & HAR	0.000000
						CROSS TIMBERS PARTNE	0.937500
						GAY CHARLES W	0.260416
						HACKER LORRAYN GAY	0.260417
						HANNETT STEELE PARTN	0.000000
						INMAN CYRENE L	0.000000
						LUTHY C FRED JR	0.000000
						MAST MAYDELL MILLER	0.520833
						MCELVAIN T H OIL&G L	6.250000
						NIELSEN ROGER B	0.000000
						POTENZIANI CHERYL L	0.503067
						RAYMOND JAMES M	5.208334
						SEDBERRY CAROLYN N	0.000000

**EXHIBIT "A-2"
WELL LIST**

WELL NAME	DED	SEC	TWN	RNG	FORM	INTEREST OWNER	GWI %
						ENERGEN GROUP	0.000000
						UMBACH GEORGE W	0.000000
						UMBACH ROBERT	0.000000
						WWR ENTERPRISES INC	0.000000
BROOKHAVEN COM 7A	E2	036	027N	008W	MV	AMOCO PRODUCTION CO	0.000000
	SE4	036	027N	008W	CH	AMOCO PRODUCTION CO	0.000000
	E2	036	027N	008W	MV	BERGER MARCIA	0.000000
	SE4	036	027N	008W	CH	BERGER MARCIA	0.000000
	E2	036	027N	008W	MV	BR OIL & GAS CO	87.500000
	SE4	036	027N	008W	CH	BR OIL & GAS CO	100.000000
	E2	036	027N	008W	MV	BRIGGS HERBERT R	0.000000
	SE4	036	027N	008W	CH	BRIGGS HERBERT R	0.000000
	E2	036	027N	008W	MV	BRIGGS WILLIAM C	0.000000
	SE4	036	027N	008W	CH	BRIGGS WILLIAM C	0.000000
	E2	036	027N	008W	MV	CRONICAN FRANK & HAR	0.000000
	SE4	036	027N	008W	CH	CRONICAN FRANK & HAR	0.000000
	E2	036	027N	008W	MV	GAY CHARLES W	0.260418
	E2	036	027N	008W	MV	HACKER LORRAYN GAY	0.260417
	E2	036	027N	008W	MV	HANNETT STEELE PARTN	0.000000
	SE4	036	027N	008W	CH	HANNETT STEELE PARTN	0.000000
	E2	036	027N	008W	MV	INMAN CYRENE L	0.000000
	SE4	036	027N	008W	CH	INMAN CYRENE L	0.000000
	E2	036	027N	008W	MV	LUTHY C FRED JR	0.000000
	SE4	036	027N	008W	CH	LUTHY C FRED JR	0.000000
	E2	036	027N	008W	MV	MAST MAYDELL MILLER	0.520833
	SE4	036	027N	008W	CH	MAST MAYDELL MILLER	0.000000
	E2	036	027N	008W	MV	MCELVAIN T H OIL&G L	6.250000
	SE4	036	027N	008W	CH	MCELVAIN T H OIL&G L	0.000000
	E2	036	027N	008W	MV	NIELSEN ROGER B	0.000000
	SE4	036	027N	008W	CH	NIELSEN ROGER B	0.000000
	E2	036	027N	008W	MV	POTENZIANI CHERYL L	0.000000
	SE4	036	027N	008W	CH	POTENZIANI CHERYL L	0.000000
	E2	036	027N	008W	MV	RAYMOND JAMES M	5.208334
	SE4	036	027N	008W	CH	RAYMOND JAMES M	0.000000
	E2	036	027N	008W	MV	SEDBERRY CAROLYN N	0.000000
	SE4	036	027N	008W	CH	SEDBERRY CAROLYN N	0.000000
	E2	036	027N	008W	MV	ENERGEN GROUP	0.000000
	SE4	036	027N	008W	CH	ENERGEN GROUP	0.000000
	E2	036	027N	008W	MV	WWR ENTERPRISES INC	0.000000
	SE4	036	027N	008W	CH	WWR ENTERPRISES INC	0.000000
BROOKHAVEN COM A 2	E2	016	031N	010W	MV	AMOCO PRODUCTION CO	10.937500
						BERGER MARCIA	0.536710
						BR OIL & GAS CO	56.779820
						BRIGGS HERBERT R	0.536880
						BRIGGS WILLIAM C	0.536520
						BURLINGTON RESO O&G CO-SJBT	12.500000
						CRONICAN FRANK & HAR	0.601240
						HANNETT STEELE PARTN	0.390625
						INMAN CYRENE L	1.058980
						LUTHY C FRED JR	1.058980
						NIELSEN ROGER B	1.073420
						POTENZIANI CHERYL L	0.529540
						SEDBERRY CAROLYN N	1.073420
						ENERGEN GROUP	10.677820
						UMBACH GEORGE W	0.585937
						UMBACH ROBERT	0.585938
						WWR ENTERPRISES INC	0.536710
BROOKHAVEN COM A 2A	E2	016	031N	010W	MV	AMOCO PRODUCTION CO	10.937500
	SE4	016	031N	010W	PC	AMOCO PRODUCTION CO	13.125000
	E2	016	031N	010W	MV	BERGER MARCIA	0.536710
	SE4	016	031N	010W	PC	BERGER MARCIA	0.644050
	E2	016	031N	010W	MV	BR OIL & GAS CO	56.779820
	SE4	016	031N	010W	PC	BR OIL & GAS CO	38.135790
	E2	016	031N	010W	MV	BRIGGS HERBERT R	0.536880
	SE4	016	031N	010W	PC	BRIGGS HERBERT R	0.644280
	E2	016	031N	010W	MV	BRIGGS WILLIAM C	0.536520
	SE4	016	031N	010W	PC	BRIGGS WILLIAM C	0.643830
	E2	016	031N	010W	MV	BURLINGTON RESO O&G CO-SJBT	12.500000
	SE4	016	031N	010W	PC	BURLINGTON RESO O&G CO-SJBT	25.000000
	E2	016	031N	010W	MV	CRONICAN FRANK & HAR	0.601240
	SE4	016	031N	010W	PC	CRONICAN FRANK & HAR	0.721480
	E2	016	031N	010W	MV	HANNETT STEELE PARTN	0.390625
	SE4	016	031N	010W	PC	HANNETT STEELE PARTN	0.468750
	E2	016	031N	010W	MV	INMAN CYRENE L	1.058980
	SE4	016	031N	010W	PC	INMAN CYRENE L	1.270747
	E2	016	031N	010W	MV	LUTHY C FRED JR	1.058980

EXHIBIT "A-2"
WELL LIST

WELL NAME	DED	SEC	TWN	RNG	FORM	INTEREST OWNER	GW %
	SE4	016	031N	010W	PC	LUTHY C FRED JR	1.270747
	E2	016	031N	010W	MV	NIELSEN ROGER B	1.073420
	SE4	016	031N	010W	PC	NIELSEN ROGER B	1.288100
	E2	016	031N	010W	MV	POTENZIANI CHERYL L	0.529540
	SE4	016	031N	010W	PC	POTENZIANI CHERYL L	0.635446
	E2	016	031N	010W	MV	SEDBERRY CAROLYN N	1.073420
	SE4	016	031N	010W	PC	SEDBERRY CAROLYN N	1.288100
	E2	016	031N	010W	MV	ENERGEN GROUP	10.677820
	SE4	016	031N	010W	PC	ENERGEN GROUP	12.813390
	E2	016	031N	010W	MV	UMBACH GEORGE W	0.585937
	SE4	016	031N	010W	PC	UMBACH GEORGE W	0.703125
	E2	016	031N	010W	MV	UMBACH ROBERT	0.585938
	SE4	016	031N	010W	PC	UMBACH ROBERT	0.703125
	E2	016	031N	010W	MV	WWR ENTERPRISES INC	0.536710
	SE4	016	031N	010W	PC	WWR ENTERPRISES INC	0.644050
BROOKHAVEN COM B 3	E2	016	031N	011W	MV	BERGER MARCIA	0.939251
						BR OIL & GAS CO	50.927123
						BRIGGS HERBERT R	0.939561
						BRIGGS WILLIAM C	0.939561
						CRONICAN FRANK & HAR	1.052185
						INMAN CYRENE L	1.853198
						LUTHY C FRED JR	1.853198
						NIELSEN ROGER B	1.878502
						POTENZIANI CHERYL L	0.926702
						SEDBERRY CAROLYN N	1.878502
						ENERGEN GROUP	35.872968
						WWR ENTERPRISES INC	0.939251
BROOKHAVEN COM B 3A	E2	016	031N	011W	MV	BERGER MARCIA	0.000000
						BR OIL & GAS CO	63.200332
						BRIGGS HERBERT R	0.000000
						BRIGGS WILLIAM C	0.000000
						CRONICAN FRANK & HAR	0.000000
						INMAN CYRENE L	0.000000
						LUTHY C FRED JR	0.000000
						NIELSEN ROGER B	0.000000
						POTENZIANI CHERYL L	0.926702
						SEDBERRY CAROLYN N	0.000000
						ENERGEN GROUP	35.872968
						WWR ENTERPRISES INC	0.000000
BROOKHAVEN COM B 3R	E2	016	031N	011W	MV	BERGER MARCIA	0.939251
						BR OIL & GAS CO	50.927123
						BRIGGS HERBERT R	0.939561
						BRIGGS WILLIAM C	0.939561
						CRONICAN FRANK & HAR	1.052185
						INMAN CYRENE L	1.853198
						LUTHY C FRED JR	1.853198
						NIELSEN ROGER B	1.878502
						POTENZIANI CHERYL L	0.926702
						SEDBERRY CAROLYN N	1.878502
						ENERGEN GROUP	35.872968
						WWR ENTERPRISES INC	0.939251
BROOKHAVEN COM C 4	SW4	036	027N	008W	PC	BERGER MARCIA	0.000000
						BR OIL & GAS CO	63.072235
						BRIGGS HERBERT R	0.000000
						BRIGGS WILLIAM C	0.000000
						CRONICAN FRANK & HAR	0.000000
						INMAN CYRENE L	0.000000
						LUTHY C FRED JR	0.000000
						NIELSEN ROGER B	0.000000
						POTENZIANI CHERYL L	0.000000
						SEDBERRY CAROLYN N	0.000000
						ENERGEN GROUP	16.927765
						WWR ENTERPRISES INC	0.000000
BROOKHAVEN COM C 4R	SW4	036	027N	008W	PC	BERGER MARCIA	0.000000
						BR OIL & GAS CO	63.072235
						BRIGGS HERBERT R	0.000000
						BRIGGS WILLIAM C	0.000000
						CRONICAN FRANK & HAR	0.000000
						INMAN CYRENE L	0.000000
						LUTHY C FRED JR	0.000000
						NIELSEN ROGER B	0.000000
						POTENZIANI CHERYL L	0.000000
						SEDBERRY CAROLYN N	0.000000
						ENERGEN GROUP	16.927765

EXHIBIT "A-2"
WELL LIST

WELL NAME	DED	SEC	TWN	RNG	FORM	INTEREST OWNER	GWI %
						WWR ENTERPRISES INC	0.000000
BROOKHAVEN COM D 5	NW4	036	027N	008W	PC	BERGER MARCIA BR OIL & GAS CO BRIGGS HERBERT R BRIGGS WILLIAM C CRONICAN FRANK & HAR CROSS TIMBERS PARTNE INMAN CYRENE L LUTHY C FRED JR NIELSEN ROGER B POTENZIANI CHERYL L SEDBERRY CAROLYN N ENERGEN GROUP WWR ENTERPRISES INC	1.341790 51.324480 1.342230 1.341340 1.503120 3.125000 2.647425 2.647425 2.683570 1.323880 2.683570 26.694410 1.341780
BROOKHAVEN COM E 6	SE4	036	027N	008W	PC	BERGER MARCIA BR OIL & GAS CO BRIGGS HERBERT R BRIGGS WILLIAM C CRONICAN FRANK & HAR CROSS TIMBERS PARTNE HANNETT STEELE PARTN INMAN CYRENE L LUTHY C FRED JR NIELSEN ROGER B POTENZIANI CHERYL L SEDBERRY CAROLYN N UMBACH GEORGE W UMBACH ROBERT WWR ENTERPRISES INC	1.019757 84.175484 1.020094 1.019419 1.142372 1.875000 0.156250 2.012043 2.012043 2.039515 0.000000 2.039515 0.234375 0.234375 1.019758
BROOKHAVEN COM G 9	E2	016	031N	011W	DK	BERGER MARCIA BR OIL & GAS CO BRIGGS HERBERT R BRIGGS WILLIAM C CRONICAN FRANK & HAR INMAN CYRENE L LUTHY C FRED JR NIELSEN ROGER B POTENZIANI CHERYL L SEDBERRY CAROLYN N ENERGEN GROUP WWR ENTERPRISES INC	0.805073 50.794673 0.805339 0.804805 0.901873 1.588456 1.588456 1.610145 0.794316 1.610145 37.891647 0.805072
BROOKHAVEN COM H 10	NE4	016	031N	011W	PC	BERGER MARCIA BR OIL & GAS CO BRIGGS HERBERT R BRIGGS WILLIAM C CRONICAN FRANK & HAR INMAN CYRENE L LUTHY C FRED JR NIELSEN ROGER B POTENZIANI CHERYL L SEDBERRY CAROLYN N ENERGEN GROUP WWR ENTERPRISES INC	0.536715 50.529782 0.536892 0.536538 0.601249 1.058971 1.058971 1.073429 0.529544 1.073429 41.927766 0.536714
BROOKHAVEN COM J 12	NE4	016	031N	010W	PC	AMOCO PRODUCTION CO BERGER MARCIA BR OIL & GAS CO BRIGGS HERBERT R BRIGGS WILLIAM C CRONICAN FRANK & HAR HANNETT STEELE PARTN INMAN CYRENE L LUTHY C FRED JR NIELSEN ROGER B POTENZIANI CHERYL L SEDBERRY CAROLYN N ENERGEN GROUP UMBACH GEORGE W UMBACH ROBERT WWR ENTERPRISES INC	8.750000 0.429368 75.423822 0.429512 0.429227 0.480995 0.312500 0.847170 0.847170 0.858737 0.423633 0.858737 8.542260 0.468750 0.468750 0.429368
BROOKHAVEN COM K 13	SW4	016	031N	010W	PC	AMOCO PRODUCTION CO BERGER MARCIA BR OIL & GAS CO BRIGGS HERBERT R	21.250000 0.429368 50.423822 0.429511

EXHIBIT "A-2"
WELL LIST

WELL NAME	DED	SEC	TWN	RNG	FORM	INTEREST OWNER	GWI %
						BRIGGS WILLIAM C	0.429228
						CONOCO INC	12.500000
						CRONICAN FRANK & HAR	0.480995
						HANNETT STEELE PARTN	0.312500
						INMAN CYRENE L	0.847171
						LUTHY C FRED JR	0.847171
						NIELSEN ROGER B	0.858737
						POTENZIANI CHERYL L	0.423633
						SEDBERRY CAROLYN N	0.858737
						ENERGEN GROUP	8.542280
						UMBACH GEORGE W	0.468750
						UMBACH ROBERT	0.468750
						WWR ENTERPRISES INC	0.429368
BROOKHAVEN COM L 14	SE4	016	031N	011W	PC	BERGER MARCIA	1.073430
						BR OIL & GAS CO	51.059563
						BRIGGS HERBERT R	1.073786
						BRIGGS WILLIAM C	1.073073
						CRONICAN FRANK & HAR	1.202498
						INMAN CYRENE L	2.117941
						LUTHY C FRED JR	2.117941
						NIELSEN ROGER B	2.146860
						POTENZIANI CHERYL L	1.059089
						SEDBERRY CAROLYN N	2.146860
						ENERGEN GROUP	33.855529
						WWR ENTERPRISES INC	1.073430
BROOKHAVEN COM M 15	NW4	016	031N	010W	PC	AMOCO PRODUCTION CO	4.375000
						BERGER MARCIA	0.214680
						BR OIL & GAS CO	37.711990
						BRIGGS HERBERT R	0.214745
						BRIGGS WILLIAM C	0.214605
						BURLINGTON RESO O&G CO-SJBT	50.000000
						CRONICAN FRANK & HAR	0.240490
						HANNETT STEELE PARTN	0.156250
						INMAN CYRENE L	0.423573
						LUTHY C FRED JR	0.423573
						NIELSEN ROGER B	0.429360
						POTENZIANI CHERYL L	0.211814
						SEDBERRY CAROLYN N	0.429360
						ENERGEN GROUP	4.271130
						UMBACH GEORGE W	0.234375
						UMBACH ROBERT	0.234375
						WWR ENTERPRISES INC	0.214680
CEDAR HILL SWD 1	ALL	029	032N	010W	MORR EN	BR OIL & GAS CO	100.000000
EPNG COM B 3	W2	032	031N	010W	MV	BR OIL & GAS CO	100.000000
EPNG COM B 3A	W2	032	031N	010W	MV	BR OIL & GAS CO	100.000000
EPNG COM H 9	NW4	032	031N	010W	PC	BR OIL & GAS CO	100.000000
HUDSON 5	W2	017	031N	010W	MV	AMOCO PRODUCTION CO	40.269747
						BR OIL & GAS CO	34.872473
						BURLINGTON RESO O&G CO-SJBT	12.500000
						HANNETT STEELE PARTN	0.390625
						MOORE LOYAL TRUST	0.710140
						ENERGEN GROUP	9.375000
						UMBACH GEORGE W	0.355070
						UMBACH GEORGE W	0.585937
						UMBACH ROBERT	0.355070
						UMBACH ROBERT	0.585938
HUDSON 5A	W2	017	031N	010W	MV	AMOCO PRODUCTION CO	40.269747
						BR OIL & GAS CO	34.872473
						BURLINGTON RESO O&G CO-SJBT	12.500000
						HANNETT STEELE PARTN	0.390625
						MOORE LOYAL TRUST	0.710140
						ENERGEN GROUP	9.375000
						UMBACH GEORGE W	0.355070
						UMBACH GEORGE W	0.585937
						UMBACH ROBERT	0.355070
						UMBACH ROBERT	0.585938
KELLY A 1	W2	015	031N	010W	MV	AMOCO PRODUCTION CO	3.515625
						BR OIL & GAS CO	71.875000
						HANNETT STEELE PARTN	0.097657
						KELLY FAMILY TRUST	2.734375

EXHIBIT "A-2"
WELL LIST

WELL NAME	DED	SEC	TWN	RNG	FORM	INTEREST OWNER	GWI %
						KELLY GREGORY LOUIS	2.734375
						KELLY LAURENCE B	5.468750
						KELLY LAURENCE C TR	10.937500
						ENERGEN GROUP	2.343750
						UMBACH GEORGE W	0.146484
						UMBACH ROBERT	0.146484
KELLY A 1A	W2	015	031N	010W	MV	AMOCO PRODUCTION CO	3.515625
						BR OIL & GAS CO	50.000000
						HANNETT STEELE PARTN	0.097657
						KELLY FAMILY TRUST	5.468750
						KELLY GREGORY LOUIS	5.468750
						KELLY LAURENCE B	10.937500
						KELLY LAURENCE C TR	21.875000
						ENERGEN GROUP	2.343750
						UMBACH GEORGE W	0.146484
						UMBACH ROBERT	0.146484
KELLY A 5	NW4	015	031N	010W	PC	AMOCO PRODUCTION CO	7.031250
						BR OIL & GAS CO	50.000000
						KELLY FAMILY TRUST	4.687500
						KELLY GREGORY LOUIS	4.687500
						KELLY LAURENCE B	9.375000
						KELLY LAURENCE C TR	18.750000
						ENERGEN GROUP	4.687500
						UMBACH GEORGE W	0.390620
						UMBACH ROBERT	0.390630
LUCERNE A 1	W2	009	031N	010W	MV	AMOCO PRODUCTION CO	20.175782
						BR OIL & GAS CO	70.449218
						HANNETT STEELE PARTN	0.292968
						MOORE LOYAL TRUST	0.585937
						ENERGEN GROUP	7.031250
						UMBACH GEORGE W	0.292968
						UMBACH GEORGE W	0.439453
						UMBACH ROBERT	0.292968
						UMBACH ROBERT	0.439453
LUCERNE A 1A	W2	009	031N	010W	MV	AMOCO PRODUCTION CO	20.175782
						BR OIL & GAS CO	70.449218
						HANNETT STEELE PARTN	0.292968
						MOORE LOYAL TRUST	0.585937
						ENERGEN GROUP	7.031250
						UMBACH GEORGE W	0.292968
						UMBACH GEORGE W	0.439453
						UMBACH ROBERT	0.292968
						UMBACH ROBERT	0.439452
MARCOTTE 1	E2	008	031N	010W	MV	AMOCO PRODUCTION CO	52.183599
						BR OIL & GAS CO	31.175781
						CONOCO INC	3.125000
						HANNETT STEELE PARTN	0.390625
						MOORE LOYAL TRUST	1.289060
						ENERGEN GROUP	9.375000
						UMBACH GEORGE W	0.585938
						UMBACH GEORGE W	0.644530
						UMBACH ROBERT	0.585937
						UMBACH ROBERT	0.644530
MARCOTTE 1A	E2	008	031N	010W	MV	AMOCO PRODUCTION CO	52.183599
						BR OIL & GAS CO	31.175781
						CONOCO INC	3.125000
						HANNETT STEELE PARTN	0.390625
						MOORE LOYAL TRUST	1.289060
						ENERGEN GROUP	9.375000
						UMBACH GEORGE W	0.585938
						UMBACH GEORGE W	0.644530
						UMBACH ROBERT	0.585937
						UMBACH ROBERT	0.644530
MARCOTTE 2	ALL	008	031N	010W	PENN	AMOCO PRODUCTION CO	0.000000
		008	031N	010W	MORR	AMOCO PRODUCTION CO	0.000000
	ALL	008	031N	010W	PENN	BR OIL & GAS CO	49.412100
		008	031N	010W	MORR	BR OIL & GAS CO	49.412100
	ALL	008	031N	010W	PENN	CONOCO INC	49.412100
		008	031N	010W	MORR	CONOCO INC	49.412100
	ALL	008	031N	010W	PENN	CROSS TIMBERS PARTNE	0.000000
		008	031N	010W	MORR	CROSS TIMBERS PARTNE	0.000000
	ALL	008	031N	010W	PENN	HANNETT STEELE PARTN	0.000000

EXHIBIT "A-2"
WELL LIST

WELL NAME	DED	SEC	TWN	RNG	FORM	INTEREST OWNER	GW %
		008	031N	010W	MORR	HANNETT STEELE PARTN	0.000000
	ALL	008	031N	010W	PENN	MOORE LOYAL TRUST	0.000000
		008	031N	010W	MORR	MOORE LOYAL TRUST	0.000000
	ALL	008	031N	010W	PENN	ENERGEN GROUP	0.000000
		008	031N	010W	MORR	ENERGEN GROUP	0.000000
	ALL	008	031N	010W	PENN	UMBACH GEORGE W	0.000000
		008	031N	010W	MORR	UMBACH GEORGE W	0.000000
	ALL	008	031N	010W	PENN	UMBACH ROBERT	1.175800
		008	031N	010W	MORR	UMBACH ROBERT	1.175800
RUTH 1	E2	008	031N	010W	FTC	BR OIL & GAS CO	100.000000
SAN JUAN 32-9 UNIT 22	W2	014	031N	010W	MV	AMOCO PRODUCTION CO	14.972781
						BOLACK MINERALS	0.300317
						BR OIL & GAS CO	34.417705
						BROWN JOHN S JR	0.927981
						BURLINGTON RESO O&G CO-SJBT	0.450476
						CONOCO INC	14.732529
						FOUR STAR OIL & GAS	0.450476
						HANNETT STEELE PARTN	0.009385
						KELLY FAMILY TRUST	2.343750
						KELLY LAURENCE B	4.687500
						KELLY LAURENCE C TR	9.375000
						KELLY LIVING TRST	2.343750
						KOCH EXPLORATION	0.150158
						PHILLIPS PETROLEUM	11.229375
						RAYMOND JAMES M	0.185596
						T H MCELVAIN OIL & G	0.742385
						ENERGEN GROUP	0.187698
						UMBACH GEORGE W	0.014077
						UMBACH ROBERT	0.014077
						WILLIAMS PRODUCTION	2.464984
SAN JUAN 32-9 UNIT 22A	W2	014	031N	010W	MV	AMOCO PRODUCTION CO	14.972781
						BOLACK MINERALS	0.300317
						BR OIL & GAS CO	34.417705
						BROWN JOHN S JR	0.927981
						BURLINGTON RESO O&G CO-SJBT	0.450476
						CONOCO INC	14.732529
						FOUR STAR OIL & GAS	0.450476
						HANNETT STEELE PARTN	0.009385
						KELLY FAMILY TRUST	2.343750
						KELLY LAURENCE B	4.687500
						KELLY LAURENCE C TR	9.375000
						KELLY LIVING TRST	2.343750
						KOCH EXPLORATION	0.150158
						PHILLIPS PETROLEUM	11.229375
						RAYMOND JAMES M	0.185596
						T H MCELVAIN OIL & G	0.742384
						ENERGEN GROUP	0.187698
						UMBACH GEORGE W	0.014077
						UMBACH ROBERT	0.014077
						WILLIAMS PRODUCTION	2.464984
SAN JUAN 32-9 UNIT 22R	W2	014	031N	010W	MV	AMOCO PRODUCTION CO	14.972781
						BOLACK MINERALS	0.300317
						BR OIL & GAS CO	43.792706
						BROWN JOHN S JR	0.927981
						BURLINGTON RESO O&G CO-SJBT	0.450476
						CONOCO INC	14.732528
						FOUR STAR OIL & GAS	0.450476
						HANNETT STEELE PARTN	0.009385
						KELLY FAMILY TRUST	1.171875
						KELLY LAURENCE B	2.343750
						KELLY LAURENCE C TR	4.687500
						KELLY LIVING TRST	1.171875
						KOCH EXPLORATION	0.150158
						PHILLIPS PETROLEUM	11.229375
						RAYMOND JAMES M	0.185596
						T H MCELVAIN OIL & G	0.742385
						ENERGEN GROUP	0.187698
						UMBACH GEORGE W	0.014077
						UMBACH ROBERT	0.014077
						WILLIAMS PRODUCTION	2.464984
SAN JUAN 32-9 UNIT 31	W2	013	031N	010W	MV	AMOCO PRODUCTION CO	16.124533
						BOLACK MINERALS	0.323418
						BR OIL & GAS CO	37.065221
						BROWN JOHN S JR	0.999364

**EXHIBIT "A-2"
WELL LIST**

WELL NAME	DED	SEC	TWN	RNG	FORM	INTEREST OWNER	GWI %
						BURLINGTON RESO O&G CO-SJBT	0.485128
						CONOCO INC	15.865800
						FOUR STAR OIL & GAS	0.485128
						HANNETT STEELE PARTN	0.010107
						KELLY FAMILY TRUST	1.562500
						KELLY LAURENCE B	3.125000
						KELLY LAURENCE C TR	6.250000
						KELLY LIVING TRST	1.562500
						KOCH EXPLORATION	0.161709
						PHILLIPS PETROLEUM	12.093173
						RAYMOND JAMES M	0.199873
						T H MCELVAIN OIL & G	0.799492
						ENERGEN GROUP	0.202136
						UMBACH GEORGE W	0.015160
						UMBACH ROBERT	0.015159
						WILLIAMS PRODUCTION	2.654599
SAN JUAN 32-9 UNIT 31A	W2	013	031N	010W	MV	AMOCO PRODUCTION CO	16.124533
						BOLACK MINERALS	0.323418
						BR OIL & GAS CO	37.065221
						BROWN JOHN S JR	0.999364
						BURLINGTON RESO O&G CO-SJBT	0.485128
						CONOCO INC	15.865800
						FOUR STAR OIL & GAS	0.485128
						HANNETT STEELE PARTN	0.010107
						KELLY FAMILY TRUST	1.562500
						KELLY LAURENCE B	3.125000
						KELLY LAURENCE C TR	6.250000
						KELLY LIVING TRST	1.562500
						KOCH EXPLORATION	0.161709
						PHILLIPS PETROLEUM	12.093173
						RAYMOND JAMES M	0.199873
						T H MCELVAIN OIL & G	0.799492
						ENERGEN GROUP	0.202136
						UMBACH GEORGE W	0.015160
						UMBACH ROBERT	0.015159
						WILLIAMS PRODUCTION	2.654599
SAN JUAN 32-9 UNIT 82	W2	013	031N	010W	PC	AMOCO PRODUCTION CO	16.525522
						BOLACK MINERALS	1.828804
						BR OIL & GAS CO	45.728079
						BURLINGTON RESO O&G CO-SJBT	0.914401
						CONOCO INC	14.696719
						HANNETT STEELE PARTN	0.057150
						KELLY FAMILY TRUST	1.562500
						KELLY LAURENCE B	3.125000
						KELLY LAURENCE C TR	6.250000
						KELLY LIVING TRST	1.562500
						PHILLIPS PETROLEUM	5.276596
						ENERGEN GROUP	1.143002
						UMBACH GEORGE W	0.085725
						UMBACH ROBERT	0.085725
						WILLIAMS PRODUCTION	1.158277
SAN JUAN 32-9 UNIT 84	W2	014	031N	010W	PC	AMOCO PRODUCTION CO	15.345128
						BOLACK MINERALS	1.698175
						BR OIL & GAS CO	42.461788
						BURLINGTON RESO O&G CO-SJBT	0.849086
						CONOCO INC	13.646953
						HANNETT STEELE PARTN	0.053068
						KELLY FAMILY TRUST	2.343750
						KELLY LAURENCE B	4.687500
						KELLY LAURENCE C TR	9.375000
						KELLY LIVING TRST	2.343750
						PHILLIPS PETROLEUM	4.899696
						ENERGEN GROUP	1.061359
						UMBACH GEORGE W	0.079602
						UMBACH ROBERT	0.079602
						WILLIAMS PRODUCTION	1.075543
SAN JUAN 32-9 UNIT 85	W2	013	031N	010W	PC	AMOCO PRODUCTION CO	16.525522
						BOLACK MINERALS	1.828803
						BR OIL & GAS CO	45.728079
						BURLINGTON RESO O&G CO-SJBT	0.914401
						CONOCO INC	14.696719
						HANNETT STEELE PARTN	0.057150
						KELLY FAMILY TRUST	1.562500
						KELLY LAURENCE B	3.125000
						KELLY LAURENCE C TR	6.250000

**EXHIBIT "A-2"
WELL LIST**

WELL NAME	DED	SEC	TWN	RNG	FORM	INTEREST OWNER	GWI %
						KELLY LIVING TRST	1.562500
						PHILLIPS PETROLEUM	5.276596
						ENERGEN GROUP	1.143002
						UMBACH GEORGE W	0.085725
						UMBACH ROBERT	0.085726
						WILLIAMS PRODUCTION	1.158277
SAN JUAN 32-9 UNIT 86	W2	014	031N	010W	PC	AMOCO PRODUCTION CO	15.345128
						BOLACK MINERALS	1.698175
						BR OIL & GAS CO	42.461788
						BURLINGTON RESO O&G CO-SJBT	0.849086
						CONOCO INC	13.646953
						HANNETT STEELE PARTN	0.053068
						KELLY FAMILY TRUST	2.343750
						KELLY LAURENCE B	4.667500
						KELLY LAURENCE C TR	9.375000
						KELLY LIVING TRST	2.343750
						PHILLIPS PETROLEUM	4.899696
						ENERGEN GROUP	1.061359
						UMBACH GEORGE W	0.079602
						UMBACH ROBERT	0.079602
						WILLIAMS PRODUCTION	1.075543
SAN JUAN 32-9 UNIT COM 84	W2	014	031N	010W	NACI	AMOCO PRODUCTION CO	17.708334
						BR OIL & GAS CO	50.000000
						HANNETT STEELE PARTN	0.520834
						KELLY FAMILY TRUST	2.343750
						KELLY LAURENCE B	4.667500
						KELLY LAURENCE C TR	9.375000
						KELLY LIVING TRST	2.343750
						ENERGEN GROUP	11.458332
						UMBACH GEORGE W	0.781250
						UMBACH ROBERT	0.781250
SCOTT 10	SW4	004	031N	010W	PC	AMOCO PRODUCTION CO	21.093750
						BERGER MARCIA	0.536715
						BR OIL & GAS CO	50.529762
						BRIGGS HERBERT R	0.536883
						BRIGGS WILLIAM C	0.536537
						CRONICAN FRANK & HAR	0.601249
						HANNETT STEELE PARTN	0.585938
						INMAN CYRENE L	1.058971
						LUTHY C FRED JR	1.058971
						NIELSEN ROGER B	1.073429
						POTENZIANI CHERYL L	0.529544
						SEDBERRY CAROLYN N	1.073429
						ENERGEN GROUP	18.490266
						UMBACH GEORGE W	0.878906
						UMBACH ROBERT	0.878906
						WVR ENTERPRISES INC	0.536714
SCOTT 100	N2	029	032N	010W	FTC	ASHDLA LLC	25.386720
						HANNETT STEELE PARTN	0.781250
						ST JOHN INSTITUTIONAL INVESTO	52.738280
						ENERGEN GROUP	18.750000
						UMBACH GEORGE W	1.171875
						UMBACH ROBERT	1.171875
SCOTT 101	E2	031	032N	010W	FTC	AMOCO PRODUCTION CO	28.125000
						ASHDLA LLC	16.247500
						HANNETT STEELE PARTN	0.781250
						ST JOHN INSTITUTIONAL INVESTO	33.752500
						ENERGEN GROUP	18.750000
						UMBACH GEORGE W	1.171875
						UMBACH ROBERT	1.171875
SCOTT 102	E2	034	032N	010W	FTC	AMOCO PRODUCTION CO	28.125000
						ASHDLA LLC	50.000000
						HANNETT STEELE PARTN	0.781250
						ENERGEN GROUP	18.750000
						UMBACH GEORGE W	1.171875
						UMBACH ROBERT	1.171875
SCOTT 11	NW4	009	031N	010W	PC	AMOCO PRODUCTION CO	40.351563
						BR OIL & GAS CO	40.898437
						HANNETT STEELE PARTN	0.585938
						MOORE LOYAL TRUST	1.171875
						ENERGEN GROUP	14.062500
						UMBACH GEORGE W	0.585938

EXHIBIT "A-2"
WELL LIST

WELL NAME	DED	SEC	TWN	RNG	FORM	INTEREST OWNER	GWI %
						UMBACH GEORGE W	0.878906
						UMBACH ROBERT	0.585937
						UMBACH ROBERT	0.878906
SCOTT 12	SEE RMK	003	031N	010W	PC	AMOCO PRODUCTION CO	28.125000
						BR OIL & GAS CO	50.000000
						HANNETT STEELE PARTN	0.781250
						ENERGEN GROUP	18.750000
						UMBACH GEORGE W	1.171875
						UMBACH ROBERT	1.171875
SCOTT 14	SE4	008	031N	010W	PC	AMOCO PRODUCTION CO	28.125000
						BR OIL & GAS CO	50.000000
						HANNETT STEELE PARTN	0.781250
						ENERGEN GROUP	18.750000
						UMBACH GEORGE W	1.171875
						UMBACH ROBERT	1.171875
SCOTT 16	SEE MOR	031	032N	010W	PC	AMOCO PRODUCTION CO	28.125000
						BR OIL & GAS CO	50.000000
						HANNETT STEELE PARTN	0.781250
						ENERGEN GROUP	18.750000
						UMBACH GEORGE W	1.171875
						UMBACH ROBERT	1.171875
SCOTT 19	SE4	034	032N	010W	PC	AMOCO PRODUCTION CO	28.125000
						BR OIL & GAS CO	50.000000
						HANNETT STEELE PARTN	0.781250
						ENERGEN GROUP	18.750000
						UMBACH GEORGE W	1.171875
						UMBACH ROBERT	1.171875
SCOTT 1A	N2	029	032N	010W	MV	AMOCO PRODUCTION CO	28.125000
						BR OIL & GAS CO	50.000000
						HANNETT STEELE PARTN	0.781250
						ENERGEN GROUP	18.750000
						UMBACH GEORGE W	1.171875
						UMBACH ROBERT	1.171875
SCOTT 1R	N2	029	032N	010W	MV	AMOCO PRODUCTION CO	28.125000
						BR OIL & GAS CO	50.000000
						HANNETT STEELE PARTN	0.781250
						ENERGEN GROUP	18.750000
						UMBACH GEORGE W	1.171880
						UMBACH ROBERT	1.171870
SCOTT 2	E2	031	032N	010W	MV	AMOCO PRODUCTION CO	28.125000
						BR OIL & GAS CO	50.000000
						HANNETT STEELE PARTN	0.781250
						ENERGEN GROUP	18.750000
						UMBACH GEORGE W	1.171875
						UMBACH ROBERT	1.171875
SCOTT 22	NE4	017	031N	010W	PC	AMOCO PRODUCTION CO	28.125000
						BR OIL & GAS CO	50.000000
						HANNETT STEELE PARTN	0.781250
						ENERGEN GROUP	18.750000
						UMBACH GEORGE W	1.171875
						UMBACH ROBERT	1.171875
SCOTT 2A	E2	031	032N	010W	MV	AMOCO PRODUCTION CO	28.125000
	SE4	031	032N	010W	PC	AMOCO PRODUCTION CO	28.125000
	E2	031	032N	010W	MV	BR OIL & GAS CO	50.000000
	SE4	031	032N	010W	PC	BR OIL & GAS CO	50.000000
	E2	031	032N	010W	MV	CORNISH T G	0.130206
	SE4	031	032N	010W	PC	CORNISH T G	0.130206
	E2	031	032N	010W	MV	HANNETT A T III	0.032553
	SE4	031	032N	010W	PC	HANNETT A T III	0.032553
	E2	031	032N	010W	MV	HANNETT G W ESTATE	0.162759
	SE4	031	032N	010W	PC	HANNETT G W ESTATE	0.162759
	E2	031	032N	010W	MV	HUETER PATRICIA	0.032554
	SE4	031	032N	010W	PC	HUETER PATRICIA	0.032554
	E2	031	032N	010W	MV	STEELE WALTER A	0.195312
	SE4	031	032N	010W	PC	STEELE WALTER A	0.195312
	E2	031	032N	010W	MV	ENERGEN GROUP	18.750000
	SE4	031	032N	010W	PC	ENERGEN GROUP	18.750000
	E2	031	032N	010W	MV	UMBACH GEORGE W	1.171875
	SE4	031	032N	010W	PC	UMBACH GEORGE W	1.171875
	E2	031	032N	010W	MV	UMBACH ROBERT	1.171875

**EXHIBIT "A-2"
WELL LIST**

WELL NAME	DED	SEC	TWN	RNG	FORM	INTEREST OWNER	GW1 %
	SE4	031	032N	010W	PC	UMBACH ROBERT	1.171875
	E2	031	032N	010W	MV	VOLLER MARY EMILY	0.032554
	SE4	031	032N	010W	PC	VOLLER MARY EMILY	0.032554
	E2	031	032N	010W	MV	WHITE LOWELL FAMILY	0.195312
	SE4	031	032N	010W	PC	WHITE LOWELL FAMILY	0.195312
SCOTT 2R	E2	031	032N	010W	MV	AMOCO PRODUCTION CO	28.125000
						BR OIL & GAS CO	50.000000
						HANNETT STEELE PARTN	0.781250
						ENERGEN GROUP	18.750000
						UMBACH GEORGE W	1.171875
						UMBACH ROBERT	1.171875
SCOTT 4	E2	017	031N	010W	MV	AMOCO PRODUCTION CO	23.750000
						BR OIL & GAS CO	56.718750
						HANNETT STEELE PARTN	0.585938
						MOORE LOYAL TRUST	1.562500
						ENERGEN GROUP	14.062500
						UMBACH GEORGE W	0.781250
						UMBACH GEORGE W	0.878906
						UMBACH ROBERT	0.781250
						UMBACH ROBERT	0.878906
SCOTT 4A	E2	017	031N	010W	MV	AMOCO PRODUCTION CO	23.750000
						BR OIL & GAS CO	56.718750
						HANNETT STEELE PARTN	0.585938
						MOORE LOYAL TRUST	1.562500
						ENERGEN GROUP	14.062500
						UMBACH GEORGE W	0.781250
						UMBACH GEORGE W	0.878906
						UMBACH ROBERT	0.781250
						UMBACH ROBERT	0.878906
SCOTT 5	E2	034	032N	010W	MV	AMOCO PRODUCTION CO	28.125000
						BR OIL & GAS CO	50.000000
						HANNETT STEELE PARTN	0.781250
						ENERGEN GROUP	18.750000
						UMBACH GEORGE W	1.171875
						UMBACH ROBERT	1.171875
SCOTT 5A	E2	034	032N	010W	MV	AMOCO PRODUCTION CO	28.125000
						BR OIL & GAS CO	50.000000
						HANNETT STEELE PARTN	0.781250
						ENERGEN GROUP	18.750000
						UMBACH GEORGE W	1.171875
						UMBACH ROBERT	1.171875
SCOTT 5R	E2	034	032N	010W	MV	AMOCO PRODUCTION CO	28.125000
						BR OIL & GAS CO	50.000000
						HANNETT STEELE PARTN	0.781250
						ENERGEN GROUP	18.750000
						UMBACH GEORGE W	1.171875
						UMBACH ROBERT	1.171875
SCOTT 6	S2	004	031N	010W	MV	AMOCO PRODUCTION CO	10.546875
						BERGER MARCIA	0.268357
						BR OIL & GAS CO	75.264891
						BRIGGS HERBERT R	0.268447
						BRIGGS WILLIAM C	0.268268
						CRONICAN F A & H B	0.300624
						HANNETT STEELE PARTN	0.292968
						INMAN CYRENE L	0.529485
						LUTHY C FRED JR	0.529485
						NIELSEN ROGER B	0.536715
						POTENZIANI CHERYL L	0.264773
						SEDBERRY CAROLYN N	0.536715
						ENERGEN GROUP	9.245132
						UMBACH GEORGE W	0.439453
						UMBACH ROBERT	0.439453
						WWR ENTERPRISES INC	0.268357
SCOTT 6A	S2	004	031N	010W	MV	AMOCO PRODUCTION CO	10.546875
						BERGER MARCIA	0.268357
						BR OIL & GAS CO	75.264891
						BRIGGS HERBERT R	0.268447
						BRIGGS WILLIAM C	0.268268
						CRONICAN F A & H B	0.300624
						HANNETT STEELE PARTN	0.292968
						INMAN CYRENE L	0.529485

**EXHIBIT "A-2"
WELL LIST**

WELL NAME	DED	SEC	TWN	RNG	FORM	INTEREST OWNER	GWI %
						LUTHY C FRED JR	0.529485
						NIELSEN ROGER B	0.536715
						POTENZIANI CHERYL L	0.264773
						SEDBERRY CAROLYN N	0.536715
						ENERGEN GROUP	9.245134
						UMBACH GEORGE W	0.439453
						UMBACH ROBERT	0.439453
						WWR ENTERPRISES INC	0.268357
SCOTT 7	N2	003	031N	010W	MV	AMOCO PRODUCTION CO	24.621205
						BERGER MARCIA	0.260767
						BR OIL & GAS CO	50.257398
						BRIGGS HERBERT R	0.260853
						BRIGGS WILLIAM C	0.260681
						CRONICAN FRANK & HAR	0.292121
						HANNETT STEELE PARTN	0.682724
						INMAN CYRENE L	0.514508
						LUTHY C FRED JR	0.514508
						NIELSEN ROGER B	0.521533
						POTENZIANI CHERYL L	0.257282
						SEDBERRY CAROLYN N	0.521533
						ENERGEN GROUP	18.725949
						UMBACH GEORGE W	1.024086
						UMBACH ROBERT	1.024086
						WWR ENTERPRISES INC	0.260766
SCOTT 7A	N2	003	031N	010W	MV	AMOCO PRODUCTION CO	24.621205
						BERGER MARCIA	0.260766
						BR OIL & GAS CO	50.257398
						BRIGGS HERBERT R	0.260854
						BRIGGS WILLIAM C	0.260680
						CRONICAN FRANK & HAR	0.292121
						HANNETT STEELE PARTN	0.682724
						INMAN CYRENE L	0.514508
						LUTHY C FRED JR	0.514508
						NIELSEN ROGER B	0.521533
						POTENZIANI CHERYL L	0.257282
						SEDBERRY CAROLYN N	0.521533
						ENERGEN GROUP	18.725949
						UMBACH GEORGE W	1.024086
						UMBACH ROBERT	1.024086
						WWR ENTERPRISES INC	0.260767
SCOTT 8	SE4	017	031N	010W	PC	AMOCO PRODUCTION CO	19.375000
						BR OIL & GAS CO	63.437500
						HANNETT STEELE PARTN	0.390625
						MOORE LOYAL TRUST	3.125000
						ENERGEN GROUP	9.375000
						UMBACH GEORGE W	0.585938
						UMBACH GEORGE W	1.562500
						UMBACH ROBERT	0.585937
						UMBACH ROBERT	1.562500
SCOTT 9	NW4	017	031N	010W	PC	AMOCO PRODUCTION CO	23.508250
						BR OIL & GAS CO	57.244914
						HANNETT STEELE PARTN	0.585938
						MOORE LOYAL TRUST	1.420293
						ENERGEN GROUP	14.062500
						UMBACH GEORGE W	0.710146
						UMBACH GEORGE W	0.878906
						UMBACH ROBERT	0.710147
						UMBACH ROBERT	0.878906
SCOTTA 2	SE4	024	026N	007W	CH	BERGER MARCIA	1.209369
	SE4	024	026N	007W	PC	BERGER MARCIA	1.209369
	SE4	024	026N	007W	CH	BR OIL & GAS CO	51.193748
	SE4	024	026N	007W	PC	BR OIL & GAS CO	51.193748
	SE4	024	026N	007W	CH	BRIGGS HERBERT R	1.209769
	SE4	024	026N	007W	PC	BRIGGS HERBERT R	1.209769
	SE4	024	026N	007W	CH	BRIGGS WILLIAM C	1.208969
	SE4	024	026N	007W	PC	BRIGGS WILLIAM C	1.208969
	SE4	024	026N	007W	CH	CRONICAN FRANK & HAR	1.354782
	SE4	024	026N	007W	PC	CRONICAN FRANK & HAR	1.354782
	SE4	024	026N	007W	CH	CROSS TIMBERS PARTNE	13.646250
	SE4	024	026N	007W	PC	CROSS TIMBERS PARTNE	13.646250
	SE4	024	026N	007W	CH	HANNETT STEELE PARTN	0.682313
	SE4	024	026N	007W	PC	HANNETT STEELE PARTN	0.682313
	SE4	024	026N	007W	CH	INMAN CYRENE L	2.386157
	SE4	024	026N	007W	PC	INMAN CYRENE L	2.386157

EXHIBIT "A-2"
WELL LIST

WELL NAME	DED	SEC	TWN	RNG	FORM	INTEREST OWNER	GW %
	SE4	024	026N	007W	CH	LUTHY C FRED JR	2.386157
	SE4	024	026N	007W	PC	LUTHY C FRED JR	2.386157
	SE4	024	026N	007W	CH	NIELSEN ROGER B	2.418738
	SE4	024	026N	007W	PC	NIELSEN ROGER B	2.418738
	SE4	024	026N	007W	CH	POTENZIANI CHERYL L	1.193212
	SE4	024	026N	007W	PC	POTENZIANI CHERYL L	1.193212
	SE4	024	026N	007W	CH	SEDBERRY CAROLYN N	2.418738
	SE4	024	026N	007W	PC	SEDBERRY CAROLYN N	2.418738
	SE4	024	026N	007W	CH	ENERGEN GROUP	15.435494
	SE4	024	026N	007W	PC	ENERGEN GROUP	15.435494
	SE4	024	026N	007W	CH	UMBACH GEORGE W	1.023488
	SE4	024	026N	007W	PC	UMBACH GEORGE W	1.023488
	SE4	024	026N	007W	CH	UMBACH ROBERT	1.023488
	SE4	024	026N	007W	PC	UMBACH ROBERT	1.023488
	SE4	024	026N	007W	CH	WWR ENTERPRISES INC	1.209369
	SE4	024	026N	007W	PC	WWR ENTERPRISES INC	1.209369
SCOTT COM 291	SEE RMK	029	032N	010W	FTC	AMOCO PRODUCTION CO	38.912819
						ASHDLA LLC	25.342128
						CONOCO INC	24.657872
						HANNETT STEELE PARTN	0.395971
						ENERGEN GROUP	9.503298
						UMBACH GEORGE W	0.593956
						UMBACH ROBERT	0.593956
SINCLAIR COM 1	S2	032	032N	011W	MV	AMOCO PRODUCTION CO	8.203125
						BR OIL & GAS CO	43.750000
						HANNETT STEELE PARTN	0.292989
						ENERGEN GROUP	9.375000
						UMBACH GEORGE W	0.439453
						UMBACH ROBERT	0.439453
						VASTAR RESO INC	37.500000
SINCLAIR COM 1A	S2	032	032N	011W	MV	AMOCO PRODUCTION CO	8.203125
						BR OIL & GAS CO	43.750000
						HANNETT STEELE PARTN	0.292989
						ENERGEN GROUP	9.375000
						UMBACH GEORGE W	0.439453
						UMBACH ROBERT	0.439453
						VASTAR RESO INC	37.500000
SMYERS COM 1A	W2	002	031N	011W	MV	BR OIL & GAS CO	100.000000
SUNRAY K COM 1	E2	032	031N	010W	MV	AMOCO PRODUCTION CO	14.687500
						BERGER MARCIA	0.107342
						BR OIL & GAS CO	43.855957
						BRIGGS HERBERT R	0.107378
						BRIGGS WILLIAM C	0.107307
						CONOCO INC	12.500000
						CRONICAN FRANK & HAR	0.120249
						EVKO DEVELOPMENT COM	12.500000
						HANNETT STEELE PARTN	0.078125
						INMAN CYRENE L	0.211792
						LUTHY C FRED JR	0.211792
						NIELSEN ROGER B	0.214684
						POTENZIANI CHERYL L	0.105908
						REDSTONE INVESTMENTS	12.500000
						SEDBERRY CAROLYN N	0.214684
						ENERGEN GROUP	2.135565
						UMBACH GEORGE W	0.117187
						UMBACH ROBERT	0.117188
						WWR ENTERPRISES INC	0.107342
SUNRAY K COM 1A	E2	032	031N	010W	MV	AMOCO PRODUCTION CO	14.687500
						BERGER MARCIA	0.107342
						BR OIL & GAS CO	43.855957
						BRIGGS HERBERT R	0.107378
						BRIGGS WILLIAM C	0.107307
						CONOCO INC	12.500000
						CRONICAN FRANK & HAR	0.120249
						EVKO DEVELOPMENT COM	12.500000
						HANNETT STEELE PARTN	0.078125
						INMAN CYRENE L	0.211792
						LUTHY C FRED JR	0.211792
						NIELSEN ROGER B	0.214684
						POTENZIANI CHERYL L	0.105908
						REDSTONE INVESTMENTS	12.500000
						SEDBERRY CAROLYN N	0.214684
						ENERGEN GROUP	2.135565

**EXHIBIT "A-2"
WELL LIST**

WELL NAME	DED	SEC	TWN	RNG	FORM	INTEREST OWNER	GW1%
						UMBACH GEORGE W	0.117188
						UMBACH ROBERT	0.117187
						WWR ENTERPRISES INC	0.107342
TURNER B COM A 2	E2	002	030N	009W	MV	AMOCO PRODUCTION CO	12.377760
						BR OIL & GAS CO	56.677710
						BURLINGTON RESO O&G CO-SJBT	12.377770
						CONOCO INC	12.377760
						ENERGEN GROUP	6.189000
TURNER B COM A 200	E2	002	030N	009W	FTC	AMOCO PRODUCTION CO	12.377769
						ASHDLA LLC	56.677807
						BURLINGTON RESO O&G CO-SJBT	12.377770
						CONOCO INC	12.377769
						ENERGEN GROUP	6.188885
TURNER B COM A 2A	E2	002	030N	009W	MV	AMOCO PRODUCTION CO	12.377760
						BR OIL & GAS CO	56.677710
						BURLINGTON RESO O&G CO-SJBT	12.377770
						CONOCO INC	12.377760
						ENERGEN GROUP	6.189000
TURNER B COM A 2R	E2	002	030N	009W	MV	AMOCO PRODUCTION CO	12.377770
						BR OIL & GAS CO	56.677807
						BURLINGTON RESO O&G CO-SJBT	12.377769
						CONOCO INC	12.377769
						ENERGEN GROUP	6.188885

ENERGEN 69%
WESTPORT 31%
100%

EXHIBIT .. C ..

...hed to and made a part of that certain Operating Agreement dated February 1, 1999
by and between, Burlington Resources Oil & Gas Company, as Operator, and
Amoco Production Company et al, as Non-Operator's.

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 fifteen (15) 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 fifteen (15) 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 Texas Commerce Bank 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.

- 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 twelve percent (12%) 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 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:

- () 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, traffic, 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
- () 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
- () 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 \$ 4,500.00
(Prorated for less than a full month)

Producing Well Rate \$ 450.00

(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.

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, redrilling, 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 \$ 25,000.00 :

- A. 5 % of first \$100,000 or total cost if less, plus
 B. 3 % of costs in excess of \$100,000 but less than \$1,000,000, plus
 C. 2 % 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. 5 % of total costs through \$100,000; plus
 B. 3 % of total costs in excess of \$100,000 but less than \$1,000,000; plus
 C. 2 % 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 2 1/2 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 2.A.(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 2 1/2 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 3/4 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 3/4 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 3/4 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.

"ONSHORE"

EXHIBIT "D"

Attached to and made a part of that certain Operating Agreement dated February 1, 1999, by and between Burlington Resources Oil & Gas Company, as Operator, and Amoco Production Company, et al, as Non-Operators.

INSURANCE

To protect against liability, loss or expense arising from damage to property, injury or death of any person or persons, incurred out of, in connection with, or resulting from the operations provided hereunder, Operator shall maintain in force during the entire period of this agreement the following Schedule A insurance coverage for the benefit of the joint account. Schedule B coverages are the minimum limits and type of insurances required to be maintained by Operator and each Non-Operator as to their respective working interest. All Schedule A and Schedule B insurance shall be obtained from financially sound, Best rate B+ Class VI or above reliable insurance companies authorized to do business in the state in which the operations are to be performed. Each policy shall provide for a waiver of subrogation rights against the other signatory parties.

SCHEDULE A - OPERATOR FOR THE JOINT ACCOUNT

<u>COVERAGES</u>	<u>LIMITS OF LIABILITY</u>
a. Workers' Compensation	Statutory
b. Employers' Liability	Combined Single Limit Per occurrence of \$1,000,000.

**SCHEDULE B - OPERATOR AND EACH NON-OPERATOR
AS TO ITS WORKING INTEREST**

Each working interest owner's insurance is intended to cover such owner's working interest in the Joint Account and its coverages respond to such owner's pro-rata share of any Joint Account loss.

<u>COVERAGES</u>	<u>LIMITS OF LIABILITY</u>
a. Comprehensive General Liability including Personal Injury, Premises/ Operations coverage, Pollution Coverage, Owners and Contractors Protective Liability, Contractual Liability, Products and Completed Operation Liability	
Bodily Injury Liability/ Property Damage Liability	Combined Single Limit Per occurrence of \$1,000,000
b. Comprehensive Automobile Liability including coverage of Owned and Non-Owned Automobiles and Hired Car coverage	
Bodily Injury Liability/ Property Damage Liability	Combined Single Limit Per occurrence of \$1,000,000

- c. Control of Well including Clean-Up, Containment, Seepage, Pollution, Contamination, and Redrilling Expense (This coverage is maintained for the term of the agreement.)
- Per occurrence of each working interest owner's share of \$5,000,000, but not less than \$1,000,000

EXAMPLE: A Non-Operator owning a 30% working interest in the Joint Account properties is required to carry a minimum of 30% x \$5,000,000 or \$1,500,000 Control of Well coverage, but a 4% Working Interest Owner is required to carry a minimum of \$1,000,000 coverage.

Note: If a Non-Operator elects not to purchase Control of Well coverage direct to protect his working interest, he may elect to participate in Operator's coverage at a premium rate heretofore determined by Operator and available to all Non-Operators upon request.

- d. If Aircraft, including helicopters, are used in operations, include Aircraft Liability, Passenger Liability and Property Damage Liability Insurance, covering Owned, Non-Owned Aircraft and Hired Aircraft
- Combined Single Limit
Per occurrence of \$5,000,000
- e. If Watercraft are used in any inland operations:
- (a) Protection and Indemnity Insurance on the SP23 form or equivalent, (or, in the alternative, deletion of the watercraft exclusion from the Comprehensive General Liability Policy)
- Combined Single Limit
Per occurrence of \$10,000,000
- (b) Hull and Machinery Insurance to the market value of the vessel or \$1,000,000, whichever is greater, on the American Institute Hull Clause (June 2, 1977) form or its equivalent

f. Property (excluding Business Interruption) Blanket limit

Operator may include the Schedule A coverage for the joint account under its self insurance program provided Operator complies with applicable laws, and in such an event Operator shall charge to the Joint Account manual rate premiums.

Operator, as a working interest owner, shall also obtain for his own account the minimum insurances and limits required by Schedule B. These insurances obtained by Operator and Non-Operators will respond to a loss on a pro-rata working interest basis, and not as primary, to any other valid and collectible insurances. Non-Operators will not be additional insurers on Operator's policy unless specifically agreed to by Operator and the appropriate premium charged Non-Operator. Failure of the Operator to maintain its required Schedule A and Schedule B insurance coverages shall be deemed cause for removal of Operator as the operator of the joint properties at the option of a majority in interests of the Non-Operators as provided in the Joint Operating Agreement to which this Exhibit "D" is attached.

Operator shall not be obligated to obtain or carry on behalf of the Joint Account any insurance additional to Schedule A but may, at its discretion, provide additional coverage to a Non-Operator(s) for the operations to be conducted hereunder. Each Non-Operator shall acquire at its own expense the Schedule B coverage and such excess insurance as it deems proper to protect itself against claims, losses, or damages arising out of the joint operations. Such insurance shall include a waiver of subrogation against the other Parties in respect of their interest hereunder. Joint Account deductibles and uninsured losses shall be borne by the Parties in proportion to their respective working interests.

Deductibles and/or limits established by Operator's Schedule A coverages shall apply to all Non-Operators on a working interest share basis and premiums for Schedule A coverage, losses falling within the deductible, or which exceed insurable limits, or which are otherwise not covered by insurance will be charges of the Joint Account.

Each Non-Operator shall furnish Operator with Certificates of Insurance evidencing satisfactory Schedule B coverages are in force, and Operator shall furnish each Non-Operator, upon request, with Certificates of Insurance evidencing Schedule A coverage and all Schedule B coverages that are in force.

The Certificates of Insurance specifying Schedule B coverage must be provided by each Non-Operator to Operator within 10 working days from execution hereof or commencement of operations hereunder, whichever is earlier. Non-Operators shall supply Operator "Certificate of Insurance" annually, during the term of this agreement. Failure of a Non-Operator to provide Certificates of Insurance within the required time period will authorize Operator to either (i) purchase the required insurance for such Non-Operator and bill the Non-Operator for the cost thereof, (ii) add the Non-Operator as an additional insured to the Operator's policy and automatically allocate, without refund, the first year's insurance premium to the Non-Operator, or (iii) notify the other Non-Operators that the Non-Operator's working interest is uninsured or underinsured.

Operator shall promptly notify Non-Operators in writing of all losses involving damage to a Joint Account property in excess of \$250,000.

Operator shall require all contractors engaged in operations under this Agreement to comply with the applicable Worker's Compensation laws and to maintain such other insurance and in such amounts as Operator deems necessary.

EXHIBIT "E"

Attached to and made a part of that certain Operating Agreement dated February 1, 1999, by and between Burlington Resources Oil & Gas Company, as Operator, and Amoco Production Company, et al, as Non-Operators.

GAS BALANCING AGREEMENT

ARTICLE I

Definitions

1.01 For the purposes of this Agreement, the terms set forth below shall have the meanings herein ascribed to them.

(a) "Balance" is the condition existing when a Party has disposed of a cumulative volume of Gas from a Well which is equal to such Party's Percentage Ownership of the total cumulative volume of Gas disposed of by all Parties from such Well. For purposes of Balancing, references herein to price, value and volume shall be adjusted or calculated on a Btu basis.

(b) "Btu" is one British thermal unit, which is the amount of heat required to raise the temperature of one pound of water one degree Fahrenheit from 58.5° Fahrenheit to 59.5° Fahrenheit, at 14.73 pounds per square inch absolute. The term "MMBtu" refers to one million (1,000,000) Btu's.

(c) "FERC" refers to the Federal Energy Regulatory Commission, or any similar or successor agency, state or federal.

(d) "Gas" includes all hydrocarbons produced or producible from a Well, whether a Well classified as an oil Well or gas Well by the regulatory agency having jurisdiction in such matters, which are or may be made available at the Measurement Point for sale or separate disposition by the Parties, excluding oil, condensate and other liquids separated upstream from the Measurement Point. "Gas" does not include gas used for joint operations, or gas which is vented or lost, prior to delivery at the Measurement Point. Reference herein to the right to "dispose of" Gas or Gas "disposed of" includes all methods of disposition of Gas, including taking in kind, delivering in kind to a Lessor, sales to a Party or third party or an affiliate, or gas used by a Party for purposes other than joint operations.

(e) "Imbalance" refers to either the Overproduction of an Overproduced Party or the Underproduction of an Underproduced Party, as applicable.

(f) "Make-up Gas" refers to that incremental volume of Gas, up to but not exceeding forty percent (40%) of the Percentage Ownership of an Overproduced Party in the Gas which can be produced from a Well which an Underproduced Party is entitled to dispose of in accordance with this Agreement in order to make up its Imbalance.

(g) "Mcf" means the quantity of Gas occupying a volume of one thousand (1,000) cubic feet at a temperature of sixty degrees Fahrenheit (60°F) and a pressure of fourteen and seventy-three hundredths pounds per square inch absolute (14.73 psia).

(h) "Measurement Point" refers to the outlet side of the jointly owned production facilities, or such other point mutually agreeable where Gas from a Well is measured after the separation of oil, condensate or other liquids.

(i) "Operator" refers to the Operator under the terms of the Operating Agreement.

(j) "Overproduced" is the condition existing when a Party has disposed of a greater cumulative volume of Gas from a Well than its Percentage Ownership of the total cumulative volume of Gas disposed of by all Parties from such Well.

(k) "Party" means any party subject to the Operating Agreement. "Parties" means all parties subject to the Operating Agreement.

(l) The "Percentage Ownership" of each Party is equal to that Party's percentage or fractional interest in a Well, as determined under the terms of the Operating Agreement.

(m) "Underproduced" is the condition existing when a Party has disposed of a lesser cumulative volume of Gas from a Well than its Percentage Ownership of the total cumulative volume of Gas disposed of by all Parties from such Well.

(n) The terms "Underproduction" and "Overproduction" refer to that lesser or greater incremental volume of Gas which a Party would have disposed of from a Well, on a monthly or cumulative basis, if it had disposed of its Percentage Ownership of Gas from that Well.

(o) "Well" means a well drilled on the Contract Area covered by the Operating Agreement and capable of producing Gas.

1.02 Unless the context clearly indicates to the contrary, words used in the singular include plural, the plural includes the singular, and the neuter gender includes the masculine and the feminine.

ARTICLE II

Scope and Term of Agreement

2.01 This Agreement establishes a separate gas balancing agreement for each Well covered by Operating Agreement to the same extent as if a separate Gas Balancing Agreement had been executed for each such Well.

2.02 The Agreement shall terminate, separately as to each Well, the earlier of (a) when the oil and gas lease(s) covering the Well terminate, or (b) when production from such Well permanently ceases and the Gas accounts for such Well are brought into Balance pursuant to this Agreement.

ARTICLE III

Right to Produce and Ownership of Gas

3.01 Subject to the rights of an Underproduced Party to produce and dispose of Make-up Gas pursuant to this Agreement, each Party shall own and be entitled to produce and dispose of its Percentage Ownership of Gas which can be produced from a Well. During any month when a Party does not dispose of its entire Percentage Ownership of such Gas, the other Parties shall be entitled to produce and dispose of all or any portion of such Gas; provided, that to the extent such Parties desire to dispose of more Gas than is available, they shall share in such Gas in the proportion that each such Party's Percentage Ownership bears to the combined Percentage Ownership of all Parties desiring to dispose of such Gas.

3.02 As between the Parties hereto, each Party shall own and be entitled to the Gas disposed of by such Party for its sole account, and the proceeds thereof, including constituents contained therein that are recovered downstream from the Measurement Point. If at any time, and from time to time, a Party is Underproduced with respect to a Well, its Underproduction shall be deemed to be in storage in the Well, subject to the right of such Party to produce and dispose of such Gas at a later time.

ARTICLE IV
Make-Up Gas

4.01 In order to make up an Imbalance, each Underproduced Party in a Well shall have the right, after twenty (20) days written notice to all parties, to produce and dispose of Make-Up Gas, subject to the following rules:

(a) An Overproduced Party shall not be required to furnish Make-Up Gas unless an Underproduced Party is first taking or disposing of its full Percentage Ownership of Gas from a Well; and

(b) An Overproduced Party shall not be required under any circumstances to reduce its takes to less than its Percentage Ownership of Gas which can be produced from a Well during the months of January, February, and December of a calendar year; and

(c) An Overproduced Party shall not be required under any circumstances to reduce its takes to less than sixty percent (60%) of such Overproduced Party's Percentage Ownership of Gas which can be produced from a Well; and

(d) If there is more than one Overproduced Party, the Make-Up Gas will be taken from the Overproduced Parties in the proportion that each Overproduced Party's Percentage Ownership in a Well bears to the total Percentage Ownership of all Overproduced Parties in that Well; and

(e) If there is more than one Underproduced Party who desires and is able to dispose of Make-Up Gas in a month, each Underproduced Party will share in the Make-Up Gas in the proportion which its Percentage Ownership in a Well bears to the total Percentage Ownership of all Underproduced Parties in that Well disposing of Make-Up Gas that month.

4.02 The provisions of this Article IV shall constitute an Underproduced Party's exclusive rights and an Overproduced Party's exclusive obligations with regard to the right of an Underproduced Party to require an Overproduced Party to furnish Make-Up Gas.

4.03 Nothing herein shall be construed to deny any Party the right from time to time to produce and deliver its full Percentage Ownership of Gas in a Well for the purpose of conducting deliverability tests pursuant to its gas purchase contracts.

ARTICLE V
Balancing of Gas Accounts

5.01 The Operator shall have the right of controlling production and deliveries of Gas and administering the provisions of this Agreement. The Operator shall use its best efforts to cause Gas to be delivered at the Measurement Point in such a manner and at such rates as may be required, from time to time, to give effect to the intent that any Imbalances shall be brought into Balance in accordance with the provisions hereof. The Operator shall only be liable for its failure to make deliveries of Gas in accordance with the terms of this Agreement if such failure is due to its gross negligence or willful misconduct.

5.02 The Operator will maintain a separate Gas account for each Party and Well. The Operator will furnish each party quarterly a report showing the total Mcf of gas produced from each Well, the Mcf used in joint operations, or which was vented or lost, the Mcf of Gas disposed by each Party, each Party's Overproduction or Underproduction for each month during the preceding calendar quarter, and the cumulative Imbalance of all Parties in each Well at the end of each month during such quarter. In the event that production from each Well is not separately measured, then the Operator will allocate production to each Well on the basis of periodic test or such other methods as are commonly used and accepted in the industry. The Imbalance of an Underproduced Party shall be made up on a month-to-month basis and in the order of accrual; i.e., any Gas taken by an Underproduced Party over and above the monthly amount attributable to its Percentage Ownership shall be credited against and offset its first Underproduction from time-to-time.

5.03 Each Party shall retain all data, information and records pertaining to the Gas taken and disposed of by such Party in a Well during periods of Imbalance hereunder, including, but not limited to, records pertaining to the volumes of Gas disposed of, the gross and net proceeds received from the disposition of such Gas, and the information utilized to adjust volumes and prices on a Btu basis, for a period expiring two (2) years after the termination of this Agreement as to such Well.

5.04 During the term of this agreement, each Party shall have the right to request information from and to audit the records of the Operator and any other Party as to all matters concerning volumes, Btu adjustments, prices and disposition of Gas from a Well. These rights for each Well shall extend until two (2) years after the expiration of this Agreement as to that Well. Any audit shall be conducted at the expense of the Party or Parties desiring such audit, and shall be conducted, after reasonable notice, during normal business hours in the office of the Party whose records are being audited. If more than one Party desires to audit the records of another Party, then all such Parties shall cooperate with each other in order that only one audit shall be conducted in any twelve (12) month period.

ARTICLE VI

Cash Settlement of Imbalance

6.01 "Upon (i) approval of all parties owning a working interest in the well to plug and abandon the well or (ii) when production from a well permanently ceases, the Operator shall render its final account of the cumulative imbalance of all Parties for that well within sixty (60) days after receiving the information requested as hereafter provided." Within thirty (30) days of Operator's request, each Overproduced Party shall provide information to Operator sufficient for the preparation of such statements including, but not limited to the net price received for its Overproduction and each Underproduced Party shall submit to Operator such data and information evidencing its payment of all royalties, overriding royalties, production burdens and taxes on its Underproduction which it was obligated to pay. Each Overproduced Party shall account to and pay each Underproduced Party within sixty (60) days of Operator's final account a sum of money equal to the net price on the Underproduction which an Underproduced Party was entitled to receive from an Overproduced Party. All past due payments due Underproduced Parties shall bear interest at prime rate of interest in effect from time to time of Chemical Bank, N.Y., from date due until date paid. Net price for cash settlements herein shall be determined in accordance with Paragraph 6.02.

6.02 The net price for cash settlements (without interest) under this Article VI shall be the price actually received by the Overproduced Party for the sale of the Overproduction at the time the Overproduction accrued less production, severance and other similar taxes, fees or levies thereon and less royalties actually paid by an Overproduced Party attributable to the Underproduction of an Underproduced Party.

6.03 If any portion of the price which is to be paid to an Underproduced Party is subject to refund under order, rule or regulation of the FERC, then the Overproduced Party shall withhold the increment of price subject to refund until the price is fully approved, unless the Underproduced Party furnishes a corporate undertaking satisfactory to the Overproduced Party guaranteeing the return of the increment in price attributable to such refund, including interest, if any, which is required to be paid with such refund. In addition, if FERC or any other governmental agency having jurisdiction requires that an Overproduced Party make a refund with respect to any portion of a price used to make payment under this Article VI, then the Underproduced Party(ies) shall reimburse the Overproduced Party(ies) for such refund, including any interest required to be paid with respect thereto. This Paragraph 6.03 shall survive the termination of this Agreement until the period has passed for which a refund may be required.

6.04 In the event an over-produced party sells, assigns, or otherwise transfers any of its interest in the leases to which this agreement applies, it shall promptly notify the other parties and upon written request from Underproduced parties proceed to make a cash settlement with Underproduced parties as provided hereunder, provided that a cash settlement may not be demanded by such Underproduced party solely because an Overproduced party has mortgaged its interests, or disposed of its interest by merger, reorganization, consolidation, or sale of substantially all of its assets to a subsidiary or parent company, or to any company in which any one party owns a majority of the stock.

ARTICLE VII
Costs and Ownership of Liquids

All operating risks, expenses and liabilities shall be borne and paid by the Parties in accordance with the provisions of the Operating Agreement, or other agreement, rule or order if there is not an Operating Agreement, regardless of whether the Gas is being taken or disposed of from a Well at any given time in proportion to the Percentage Ownership of the Parties in the Well. Liquid hydrocarbons of a Well separated from the Gas prior to delivery at the Measurement Point shall be owned by all Parties in accordance with their Percentage Ownership in the Well, and each of the Parties shall be entitled to own and market their liquid hydrocarbons separated prior to the Measurement Point in accordance with the Percentage Ownership in the Well, irrespective of the fact that one or more of the Parties may not be disposing of Gas from the Well.

ARTICLE VIII
Indemnity

Each Party hereby indemnifies and agrees to hold the other Parties harmless from all claims which may be asserted by any third party arising out of the operation of this Agreement and the performance of the indemnifying Party of its obligations hereunder. Such indemnity shall extend to and include all costs of investigation and defense (including reasonable attorneys fees), and all judgments and damages incurred or sustained, as a result of any such claim.

ARTICLE IX
Payment of Lease Burden

Unless otherwise required by provisions of a lease, agreement or statute, rule, regulation or order of any governmental authority having jurisdiction, and regardless of who is actually taking or disposing of Gas from a Well, each Party shall be responsible for and shall pay or cause to be paid any and all royalties, overriding royalties, production payments and similar encumbrances on production due to its full Percentage Ownership of Gas production from a Well and shall hold the other Parties free from any liability therefor. The Party or Parties actually taking and disposing of Gas from a Well shall be responsible for and shall pay all production severance or similar taxes, fees or levies on such production.

ARTICLE X
Notice

Any notices or other communications required or permitted hereunder shall be in writing and shall be deemed given only when received by the Party to whom the same is directed at the addresses and in the manner then provided under the Operating Agreement.

EXHIBIT "F"

Attached to and made a part of that certain Operating Agreement dated February 1, 1999, by and between Burlington Resources Oil & Gas Company, as Operator, and Amoco Production Company, et al, as Non-Operators.

I. EQUAL EMPLOYMENT OPPORTUNITY PROVISION

During the performance of this contract, the Operator agrees as follows:

- (1) The Operator will not discriminate against any employee or applicant for employment because of race, color, religion, national origin, or sex. The Operator will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, national origin, or sex. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer, recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training including apprenticeship. The Operator agrees to post in conspicuous places available to employees and applicants for employment notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.
- (2) The Operator will, in all solicitations or advertisements for employees placed by or on behalf of the Operator, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, or sex.
- (3) The Operator will send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding a notice to be provided by the agency contracting officer advising the labor union or workers' representative of the Operator's commitments under Section 202 of Executive Order 11246 of September 24, 1965, and shall post copies of the notice on conspicuous places available to employees and applicants for employment.
- (4) The Operator will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations and relevant orders of the Secretary of Labor.
- (5) The Operator will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to its books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- (6) In the event of the Operator's non-compliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be cancelled, terminated or suspended in whole or in part and the Operator may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- (7) The Operator will include the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of

the Secretary of Labor issued pursuant to Section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The Operator will take such action with respect to any subcontract or purchase order as the contracting agency may direct as a means of enforcing such provisions including sanctions for non-compliance: Provided, however, that in the event the Operator becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the contracting agency, the Operator may request the United States to enter into such litigation to protect the interests of the United States.

Operator acknowledges that it may be required to file Standard Form 100 (EEO-1) promulgated jointly by the Office of Federal Contract Compliance, the Equal Employment Opportunity Commission, and Plans for Progress with Joint Reporting Committee, Federal Depot, Jeffersonville, Indiana, within thirty (30) days of the date of contract award if such report has not been filed for the current year and otherwise comply with or file such other compliance reports as may be required under Executive Order 11246, as amended, and Rules and Regulations adopted hereunder.

Operator further acknowledges that he may be required to develop a written affirmative action compliance program as required by the Rules and Regulations approved by the Secretary of Labor under authority of Executive Order 11246 and supply Non-Operators with a copy of such program if they so request.

II. CERTIFICATION OF NON-SEGREGATED FACILITIES

- (1) Operator assures Non-Operators that it does not and will not maintain or provide for its employees any segregated facilities at any of its establishments, and that it does not and will not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained. For this purpose, it is understood that the phrase "segregated facilities" includes facilities which are in fact segregated on a basis of race, color, religion, or national origin because of habit, local custom, or otherwise. It is further understood and agreed that maintaining or providing segregated facilities for its employees or permitting its employees to perform their services at any location under its control where segregated facilities are maintained is a violation of the equal opportunity clause required by Executive Order 11246 of September 24, 1965.
- (2) Operator further understands and agrees that a breach of the assurance herein contained subjects it to the provisions of the Order at 41 CFR Chapter 60 of the Secretary of Labor dated May 21, 1968, and the provisions of the equal opportunity clause enumerated in contracts between the United States of America and Non-Operators.
- (3) Whoever knowingly and willfully makes any false, fictitious, or fraudulent representation may be liable to criminal prosecution under 18 U.S.C. Sec. 1001.

III. OCCUPATIONAL SAFETY AND HEALTH ACT

Operator will observe and comply with all safety and health standards promulgated by the Secretary of Labor under Section 107 of the Contract Work Hours and Standards Act, published in 29 CFR Part 1518 and adopted by the Secretary of Labor as occupational safety and health standards under the Williams-Steiger Occupational Safety and Health Act of 1970. Such safety and health standards shall apply to all subcontractors and their employees as well as to the prime contractor and its employees.

IV. VETERAN'S PREFERENCE

Operator agrees to comply with the following insofar as contracts it lets for an amount of \$10,000 or more or which will generate 400 or more man-days of employment (each man-day consisting of any day in which an employee performs more than one hour of work) and further agrees to include the following provision in contracts with Contractors and Subcontractors:

"CONTRACTOR AND SUBCONTRACTOR LISTING REQUIREMENT

- (1) As provided by 41 CFR 50-250, the contractor agrees that all employment openings of the contractor which exist at the time of the execution of this contract and those which occur during the performance of this contract, including those not generated by the contract and including those occurring at an establishment of the contractor other than the one wherein the contract is being performed, but excluding those of independently operated corporate affiliates, shall, to the maximum extent feasible, be offered for listing at an appropriate local office of the State employment service system wherein the opening occurs and to provide such periodic reports to such local office regarding employment openings and hires as may be required: Provided, that this provision shall not apply to openings which the contractor fills from within the contractor's organization or are filled pursuant to a customary and traditional employer-union hiring arrangement and that the listing of employment openings shall involve only the normal obligations which attach to the placing of job orders.
- (2) The contractor agrees to place the above provision in any subcontract directly under this contract."

V. CERTIFICATION OF COMPLIANCE WITH ENVIRONMENTAL LAWS

Operator agrees to comply with the Clean Air Act (42 U.S.C. Sec. 1857) and the Federal Water Pollution Control Act (33 U.S.C. Sec. 1251) when conducting operations involving nonexempt contracts. In all nonexempt contracts with subcontractors, Operator shall require:

- (1) No facility is to be utilized by Subcontractor in the performance of this contract with Operator which is listed on the Environmental Protection Agency (EPA) List of Violating Facilities. See Executive Order 11738 of September 12, 1973, and 40 CFR Sec. 15.20.
- (2) Prompt written notification shall be given by Subcontractor to Operator of any communication indicating that any such facility is under consideration to be included on the EPA List of Violating Facilities.
- (3) Subcontractor shall comply with all requirements of Section 114 of the Clean Air Act (42 U.S.C. Sec. 1857) and Section 308 of the Federal Water Pollution Control Act (33 U.S.C. Sec. 1251), relating to inspection, monitoring, entry, reports, and information, as well as all other requirements specified in these Sections, and all regulations and guidelines issued thereunder.
- (4) The foregoing criteria and requirements shall be included in all of Subcontractor's non-exempt subcontracts, and Subcontractor shall take such action as the Government may direct as a means of enforcing such provisions. See 40 CFR Sec. 15.4 & 5.