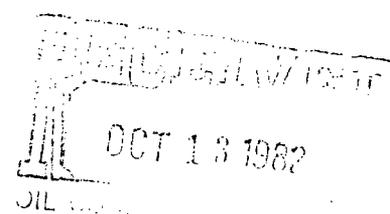


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OCT 18 1982



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

IN THE MATTER OF THE APPLICATION OF  
C & K PETROLEUM, INC., FOR COMPULSORY  
POOLING, LEA COUNTY, NEW MEXICO.

CASE \_\_\_\_\_

A P P L I C A T I O N

COMES NOW, C & K PETROLEUM, INC., by and through its attorneys, KELLAHIN & KELLAHIN, and applies to the New Mexico Oil Conservation Division for an order pooling all of the mineral interests in the Pennsylvanian formations underlying the S/2SW/4 of Section 27, T16S, R37E, NMPM, Lea County, New Mexico and in support thereof would show:

1. Applicant proposes to drill a well in the S/2SW/4 of said Section 27 to test the Casey-Strawn Pool.
2. The Applicant has sought to obtain the cooperation of all parties.
3. In order to obtain their just and equitable share of the production underlying the above lands, Applicant needs an order pooling the mineral interest involved.
4. The only interest who will not consent to join in the drilling of the well, to the best of the Applicant's information and belief are those individually listed as follows:

Kenneth G. Cone P. O. Box 5246 Austin, Texas 78763	.208333% Unleased
J. V. Ringold Address Unknown (1/768)	.130208% Unleased

J. D. Parks Address Unknown (1/768)	.130208% Unleased
H. M. Parks Address Unknown (1/768)	.130208% Unleased
C. W. Parks Address Unknown (1/768)	.130208% Unleased
Ruth Armstrong Address Unknown (1/384)	.260417% Unleased
Luther Emery Address Unknown (1/256)	.390625% Unleased
Lenore Parke for life, with remainder to Mrs. Robert L. Christopher Address Unknown (1/320)	.312500% Unleased

WHEREFORE, Applicant prays that this Application be set for hearing before the Division's duly appointed examiner, and that after notice and hearing as required by law, the Division enter its order pooling all of the mineral interests in the Pennsylvanian formation underlying the S/2SW/4 of Section 27, Township 16 South, Range 37 East, NMPM. Applicant further prays that it be named operator of the well, and that the order make provision for Applicant to recover out of production its costs of drilling the subject well, completing and equipping it, costs of operation, including costs of supervision and a risk factor in the amount of 200% for the drilling of the well, and for such other and further relief as may be proper.

Respectfully submitted,

KELLAHIN & KELLAHIN  
Post Office Box 2265  
Santa Fe, New Mexico 87501  
(505) 982-4285

By \_\_\_\_\_  
W. Thomas Kellahin

Attorneys for Applicant

**C & K PETROLEUM, INC.**  
**AUTHORIZATION FOR EXPENDITURE**

A.F.E. No. 02590Date: 10/22/82District: Permian BasinProspect: East Lovington State: New Mexico County/Parish: LeaLease: Shipp "27" B Well No.: #1 Field: Casey (Strawn)Location: 1980' FWL & 660' FSL, Section 27, T16S, R37EProposed Depth: 11,800' Objective: \_\_\_\_\_Est. Spud Date: 12-1-82 Est. T.D. Date: 1-10-83 Est. Compl. Date: 2-10-83Prepared by: D. J. Delany Approved by: Production \_\_\_\_\_ Geological \_\_\_\_\_ Land \_\_\_\_\_PURPOSE AND JUSTIFICATION FOR EXPENDITURE: Drill & Complete

PARTICIPANTS AND COST DISTRIBUTION

COMPANY	W.I. %	Dry Hole Cost			Completed Well Cost		
		TANGIBLE	INTANGIBLE	TOTAL	TANGIBLE	INTANGIBLE	TOTAL
C & K Petroleum, Inc.	14.262209	15,404	114,821	130,225	58,476	129,073	187,549
Texaco, Inc.	22.968750	24,806	184,898	209,704	94,172	207,868	302,040
Ann Morris	.781250	843	6,289	7,132	3,203	7,070	10,273
Yates Petroleum Corp.	6.666667	7,200	53,666	60,866	27,333	60,333	87,666
Roy G. Barton, Jr.	3.190104	3,445	25,680	29,125	13,079	28,870	41,949
Norma J. Barton	3.190104	3,445	25,680	29,125	13,079	28,870	41,949
E. L. Latham, Jr.	6.390280	6,890	51,361	58,251	26,159	57,742	83,901
Heritage Resources, Inc.	1.562500	1,687	12,578	14,265	6,406	14,141	20,547
Petroleum Corporation	2.083334	2,260	16,770	19,030	8,542	18,854	27,396
Clifford Cone	.208333	225	1,677	1,902	854	1,885	2,739
Douglas Cone	.208333	225	1,677	1,902	854	1,885	2,739
Kenneth Cone	.208333	225	1,677	1,902	854	1,885	2,739
M. T. Charlton	.797933	861	6,423	7,284	3,272	7,221	10,493
R. H. Fulton	1.595866	1,723	12,846	14,569	6,543	14,443	20,986
C. G. Grefenstette, Trustee	3.283692	3,546	26,433	29,979	13,463	29,717	43,180
H. L. Hillman	3.283692	3,546	26,433	29,979	13,463	29,717	43,180
John Lawrence	1.595866	1,723	12,846	14,569	6,543	14,443	20,986
Arthur L. Owen	.797933	861	6,423	7,284	3,272	7,221	10,493
J. F. Webre	1.595866	1,723	12,846	14,569	6,543	14,443	20,986
Lillian Davis	1.502003	1,622	12,091	13,713	6,158	13,593	19,751

(CONT'D. ON NEXT PAGE)---

PARTICIPANT APPROVAL

Approved for Expenditure this \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_

Company \_\_\_\_\_ By: \_\_\_\_\_

Title: \_\_\_\_\_



**C & K PETROLEUM, INC.**  
**AUTHORIZATION FOR EXPENDITURE**  
**(DRILLING)**

Date Prepared March 17, 1982Well Type: Development XProposed Spud Date 1982

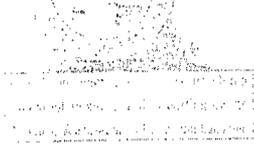
Exploration \_\_\_\_\_

Proposed Depth 11,800'Prospect Name East LovingtonAFE No. 02590Lease Shipp "27" B Well No. 1 Field Casey (Strawn) Property No. \_\_\_\_\_Location 1980' FWL & 660' FSL, Sec. 27, T-16-S, R-37-E, Lea County, NMREASON FOR REQUEST: Drill & Complete 11,800' Strawn Test

INTANGIBLES	Sub	Drilling	Completion	Total Cost Producer	Revisions	Total Cost Revised
		701	703			
Location Pits and Roads	091	32,000	1,000	33,000		
Water Supply	093	15,000	2,000	17,000		
Damages and Right-of-Way	095	2,000		2,000		
Rig Expense 45X7000 + 24,000 RU/RD	097	350,000	20,000	370,000		
Drilling Bits	099	44,000		44,000		
Mud & Chemicals	103	35,000		35,000		
Tool & Equipment Rental	035	30,000	12,000	42,000		
Fuel & Power	105	40,000		40,000		
Cement & Cementing Services	107	20,000	17,000	37,000		
Formation Evaluation	110	45,000	5,000	50,000		
Perforating	117		6,000	6,000		
Stimulation	119		25,000	25,000		
Transportation	041	35,000	5,000	40,000		
Pipe Inspection & Testing	127	16,000	20,000	36,000		
Misc. Labor, Services & Supplies	073	15,000	5,000	20,000		
Supervision & Professional	125	16,000	4,000	20,000		
Drilling Overhead	213	5,000	1,000	6,000		
Other & Contingencies	490	70,000	12,000	82,000		
<b>TOTAL INTANGIBLES</b>		<b>770,000</b>	<b>135,000</b>	<b>905,000</b>		
TANGIBLES	Sub	702	704			
Casing	301	85,000	180,000	265,000		
Tubing	302		75,000	75,000		
Wellhead Equipment	307	10,000	10,000	20,000		
Packers & Anchors	309		5,000	5,000		
Auxilliary Casing Equip.	318	3,000	5,000	8,000		
Miscellaneous Equipment	320	10,000	27,000	37,000		
<b>TOTAL TANGIBLES</b>		<b>108,000</b>	<b>302,000</b>	<b>410,000</b>		
<b>TOTAL WELL COST</b>		<b>878,000</b>	<b>437,000</b>	<b>1,315,000</b>		
PLUGGING COST	Sub	708				
Clean-up Location	091	15,000				
Casing Pulling & Plugging	225	20,000				
<b>TOTAL-PLUGGING</b>		<b>35,000</b>				
<b>TOTAL DRY HOLE COST</b>		<b>913,000</b>				

A.A.P.L. FORM 610 - 1977

MODEL FORM OPERATING AGREEMENT



OPERATING AGREEMENT

DATED

October 19 , 19 82 ,

OPERATOR CGK Petroleum, Inc.

CONTRACT AREA S/2 SW/4 of Section 27, Twp. 16 South,  
Rge. 37 East, NMPM

COUNTY OR PARISH OF Lea STATE OF New Mexico

Shipp 27 "B" #1

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APPROVED FORM. A.A.P.L. NO. 610 - 1977 REVISED  
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OPERATING AGREEMENT

THIS AGREEMENT, entered into by and between C&K Petroleum, Inc., 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 "drillsite" 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:

- [X] A. Exhibit "A", shall include the following information: (1) Identification of lands subject to agreement, (2) Restrictions, if any, as to depths or formations, (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.

- [X] B. Exhibit "B", Form of Lease.
- [X] C. Exhibit "C", Accounting Procedure.
- [X] D. Exhibit "D", Insurance.
- [X] E. Exhibit "E", Gas Balancing Agreement.
- [ ] F. Exhibit "F", Non-Discrimination and Certification of Non-Segregated Facilities. See Article XV.A

If any provision of any exhibit, except Exhibit "E", 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 unleased oil and gas interest in the Contract Area, that interest shall be treated for the purpose of this agreement and during the term hereof as if it were a leased interest under the form of oil and gas lease attached as Exhibit "B". As to such interest, the owner shall receive royalty on production as prescribed in the form of oil and gas lease attached hereto as Exhibit "B". Such party shall, however, be subject to all of the provisions of this agreement relating to lessees, to the extent that it owns the lessee interest.

**B. Interest of Parties in Costs and Production:**

Exhibit "A" lists all of the parties and their respective percentage or fractional interests under this agreement. Unless changed by other provisions, all costs and liabilities incurred in operations under this agreement shall be borne and paid, and all equipment and material acquired in operations on the Contract Area shall be owned by the parties as their interests are shown in Exhibit "A". All production of oil and gas from the Contract Area, subject to the payment of lessor's royalties which will be borne by the Joint Account, shall also be owned by the parties in the same manner during the term hereof; provided, however, this shall not be deemed an assignment or cross-assignment of interests covered hereby.

**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 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.

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

Each party shall be responsible for securing curative matter and pooling amendments or agreements required in connection with leases or oil and gas interests contributed by such party. The Operator shall be responsible for the preparation and recording of Pooling Designations or Declarations as well as the conduct of hearings before Governmental Agencies for the securing of spacing or pooling orders. This shall not prevent any party from appearing on its own behalf at any such hearing.

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 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 participate in the drilling of the well.

**B. Loss of Title:**

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 reduction of interest from that shown on Exhibit "A", this agreement, nevertheless, shall continue in force as to all remaining oil and gas leases and interests, and

(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 entitled to recover from Operator or the other parties any development

1 or operating costs which it may have theretofore paid, but there shall be no monetary liability on its  
 2 part to the other parties hereto for drilling, development, operating or other similar costs by reason of  
 3 such title failure; and

4 (b) There shall be no retroactive adjustment of expenses incurred or revenues received from the  
 5 operation of the interest which has been lost, but the interests of the parties shall be revised on an acre-  
 6 age basis, as of the time it is determined finally that title failure has occurred, so that the interest of  
 7 the party whose lease or interest is affected by the title failure will thereafter be reduced in the Contract  
 8 Area by the amount of the interest lost; and

9 (c) If the proportionate interest of the other parties hereto in any producing well theretofore drilled  
 10 on the Contract Area is increased by reason of the title failure, the party whose title has failed shall  
 11 receive the proceeds attributable to the increase in such interests (less costs and burdens attributable  
 12 thereto) until it has been reimbursed for unrecovered costs paid by it in connection with such well;  
 13 and

14 (d) Should any person not a party to this agreement, who is determined to be the owner of any in-  
 15 terest in the title which has failed, pay in any manner any part of the cost of operation, development,  
 16 or equipment, such amount shall be paid to the party or parties who bore the costs which are so refund-  
 17 ed; and

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

21 (f) No charge shall be made to the joint account for legal expenses, fees or salaries, in connection  
 22 with the defense of the interest claimed by any party hereto, it being the intention of the parties  
 23 hereto that each shall defend title to its interest and bear all expenses in connection therewith.  
 24

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

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

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

48 (c) Any monies, up to the amount of unrecovered costs, that may be paid by any party who is, or  
 49 becomes, the owner of the interest lost, for the privilege of participating in the Contract Area or be-  
 50 coming a party to this agreement.  
 51

52 3. Other Losses: All losses incurred, other than those set forth in Articles IV.B.1. and IV.B.2.  
 53 above, shall not be considered failure of title but shall be joint losses and shall be borne by all parties  
 54 in proportion to their interests. There shall be no readjustment of interests in the remaining portion of  
 55 the Contract Area.  
 56

57 **ARTICLE V.**  
 58 **OPERATOR**

59 **A. DESIGNATION AND RESPONSIBILITIES OF OPERATOR:**

60 C&K Petroleum, Inc. shall be the  
 61 Operator of the Contract Area, and shall conduct and direct and have full control of all operations on  
 62 the Contract Area as permitted and required by, and within the limits of, this agreement. It shall con-  
 63 duct all such operations in a good and workmanlike manner, but it shall have no liability as Operator  
 64 to the other parties for losses sustained or liabilities incurred, except such as may result from gross  
 65 negligence or willful misconduct.  
 66  
 67  
 68  
 69  
 70

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

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

17  
18 2. Selection of Successor Operator: Upon the resignation or removal of Operator, a successor Op-  
19 erator shall be selected by the Parties. The successor Operator shall be selected from the parties owning  
20 an interest in the Contract Area at the time such successor Operator is selected. If the Operator that  
21 is removed fails to vote or votes only to succeed itself, the successor Operator shall be selected by the  
22 affirmative vote of two (2) or more parties owning a majority interest based on ownership as shown  
23 on Exhibit "A", and not on the number of parties remaining after excluding the voting interest of the  
24 Operator that was removed.

25  
26 C. Employees:

27  
28 The number of employees used by Operator in conducting operations hereunder, their selection,  
29 and the hours of labor and the compensation for services performed, shall be determined by Operator,  
30 and all such employees shall be the employees of Operator.

31  
32 D. Drilling Contracts:

33  
34 All wells drilled on the Contract Area shall be drilled on a competitive contract basis at the usual  
35 rates prevailing in the area. If it so desires, Operator may employ its own tools and equipment in the  
36 drilling of wells, but its charges therefor shall not exceed the prevailing rates in the area and the rate  
37 of such charges shall be agreed upon by the parties in writing before drilling operations are com-  
38 menced, and such work shall be performed by Operator under the same terms and conditions as are  
39 customary and usual in the area in contracts of independent contractors who are doing work of a sim-  
40 ilar nature.

41  
42 **ARTICLE VI.**  
43 **DRILLING AND DEVELOPMENT**

44  
45 A. Initial Well:

46  
47 On or before the 15th day of December, 1982, Operator shall commence the drill-  
48 ing of a well for oil and gas at the following location:

49  
50 1980' FWL & 660' FSL of Section 27, Twp. 16 South, Rge. 37 East

51  
52  
53 and shall thereafter continue the drilling of the well with due diligence to

54 11,800'; or a depth to sufficiently test the Strawn,  
55 whichever is the lesser.

56  
57  
58 unless granite or other practically impenetrable substance or condition in the hole, which renders  
59 further drilling impractical, is encountered at a lesser depth, or unless all parties agree to complete or  
60 abandon the well at a lesser depth.

61  
62 Operator shall make reasonable tests of all formations encountered during drilling which give in-  
63 dication of containing oil and gas in quantities sufficient to test, unless this agreement shall be limited  
64 in its application to a specific formation or formations, in which event Operator shall be required to  
65 test only the formation or formations to which this agreement may apply.

66  
67 If, in Operator's judgment, the well will not produce oil or gas in paying quantities, and it wishes  
68 to plug and abandon the well as a dry hole, it shall first secure the consent of all parties and shall  
69 plug and abandon same as provided in Article VI.E.1. hereof.

1 **B. Subsequent Operations:**

2  
3 1. Proposed Operations: Should any party hereto desire to drill any well on the Contract Area  
4 other than the well provided for in Article VI.A., or to rework, deepen or plug back a dry hole drilled  
5 at the joint expense of all parties or a well jointly owned by all the parties and not then producing  
6 in paying quantities, the party desiring to drill, rework, deepen or plug back such a well shall give the  
7 other parties written notice of the proposed operation, specifying the work to be performed, the loca-  
8 tion, proposed depth, objective formation and the estimated cost of the operation. The parties receiv-  
9 ing such a notice shall have thirty (30) days after receipt of the notice within which to notify the  
10 parties wishing to do the work whether they elect to participate in the cost of the proposed operation.  
11 If a drilling rig is on location, notice of proposal to rework, plug back or drill deeper may be given  
12 by telephone and the response period shall be limited to forty-eight (48) hours, exclusive of Saturday,  
13 Sunday or legal holidays. Failure of a party receiving such notice to reply within the period above fixed  
14 shall constitute an election by that party not to participate in the cost of the proposed operation. Any  
15 notice or response given by telephone shall be promptly confirmed in writing.

16  
17 2. Operations by Less than All Parties: If any party receiving such notice as provided in Article  
18 VI.B.1. or VI.E.1. elects not to participate in the proposed operation, then, in order to be entitled to  
19 the benefits of this article, the party or parties giving the notice and such other parties as shall elect  
20 to participate in the operation shall, within sixty (60) days after the expiration of the notice period of  
21 thirty (30) days (or as promptly as possible after the expiration of the forty-eight (48) hour period  
22 where the drilling rig is on location, as the case may be) actually commence work on the proposed  
23 operation and complete it with due diligence. Operator shall perform all work for the account of the  
24 Consenting Parties; provided, however, if no drilling rig or other equipment is on location, and if Op-  
25 erator is a Non-Consenting Party, the Consenting Parties shall either: (a) request Operator to perform  
26 the work required by such proposed operation for the account of the Consenting Parties, or (b) desig-  
27 nate one (1) of the Consenting Parties as Operator to perform such work. Consenting Parties, when  
28 conducting operations on the Contract Area pursuant to this Article VI.B.2., shall comply with all terms  
29 and conditions of this agreement.

30  
31 If less than all parties approve any proposed operation, the proposing party, immediately after the  
32 expiration of the applicable notice period, shall advise the Consenting Parties of (a) the total interest  
33 of the parties approving such operation, and (b) its consenting as to whether the Consenting Par-  
34 ties should proceed with the operation as proposed. Each Consenting Party, within forty-eight (48)  
35 hours (exclusive of Saturday, Sunday or legal holidays) after receipt of such notice, shall advise the  
36 proposing party of its desire to (a) limit participation to such party's interest as shown on Exhibit "A",  
37 or (b) carry its proportionate part of Non-Consenting Parties' interest. The proposing party, at its  
38 election, may withdraw such proposal if there is insufficient participation, and shall promptly notify  
39 all parties of such decision.

40  
41 The entire cost and risk of conducting such operations shall be borne by the Consenting Parties in  
42 the proportions they have elected to bear same under the terms of the preceding paragraph. Consenting  
43 Parties shall keep the leasehold estates involved in such operations free and clear of all liens and  
44 encumbrances of every kind created by or arising from the operations of the Consenting Parties. If such  
45 an operation results in a dry hole, the Consenting Parties shall plug and abandon the well at their sole  
46 cost, risk and expense. If any well drilled, reworked, deepened or plugged back under the provisions  
47 of this Article results in a producer of oil and/or gas in paying quantities, the Consenting Parties shall  
48 complete and equip the well to produce at their sole cost and risk, and the well shall then be turned  
49 over to Operator and shall be operated by it at the expense and for the account of the Consenting Parties.  
50 Upon commencement of operations for the drilling, reworking, deepening or plugging back of any such  
51 well by Consenting Parties in accordance with the provisions of this Article, each Non-Consenting Party  
52 shall be deemed to have relinquished to Consenting Parties, and the Consenting Parties shall own and  
53 be entitled to receive, in proportion to their respective interests, all of such Non-Consenting Party's  
54 interest in the well and share of production therefrom until the proceeds of the sale of such share,  
55 calculated at the well, or market value thereof if such share is not sold (after deducting production  
56 taxes, royalty, overriding royalty and other interests existing on the effective date hereof, payable out of  
57 or measured by the production from such well accruing with respect to such interest until it reverts)  
58 shall equal the total of the following:

59  
60 (a) 100% of each such Non-Consenting Party's share of the cost of any newly acquired surface  
61 equipment beyond the wellhead connections (including, but not limited to, stock tanks, separators,  
62 treaters, pumping equipment and piping), plus 100% of each such Non-Consenting Party's share of the  
63 cost of operation of the well commencing with first production and continuing until each such Non-  
64 Consenting Party's relinquished interest shall revert to it under other provisions of this Article, it being  
65 agreed that each Non-Consenting Party's share of such costs and equipment will be that interest which  
66 would have been chargeable to each Non-Consenting Party had it participated in the well from the be-  
67 ginning of the operation; and

68  
69 (b) 300% of that portion of the costs and expenses of drilling, reworking, deepening, or plugging  
70 back, testing and completing, after deducting any cash contributions received under Article VIII.C., and

1 300% of that portion of the cost of newly acquired equipment in the well (to and including the well-  
2 head connections), which would have been chargeable to such Non-Consenting Party if it had partici-  
3 pated therein.

4  
5 ~~Gas production attributable to any Non-Consenting Party's relinquished interest upon such Party's~~  
6 election, shall be sold to its purchaser, if available, under the terms of its existing gas sales con-  
7 tract. Such Non-Consenting Party shall direct its purchaser to remit the proceeds receivable from  
8 such sale direct to the Consenting Parties until the amounts provided for in this Article are recov-  
9 ered from the Non-Consenting Party's relinquished interest. If such Non-Consenting Party has not  
10 contracted for sale of its gas at the time such gas is available for delivery, or has not made the elec-  
11 tion as provided above, the Consenting Parties shall own and be entitled to receive and sell such Non-  
12 ~~Consenting Party's share of gas as hereinabove provided during the recoupment period.~~

13  
14 During the period of time Consenting Parties are entitled to receive Non-Consenting Party's share  
15 of production, or the proceeds therefrom, Consenting Parties shall be responsible for the payment of  
16 all production, severance, gathering and other taxes, and all royalty, overriding royalty and other  
17 burdens applicable to Non-Consenting Party's share of production.

18  
19 In the case of any reworking, plugging back or deeper drilling operation, the Consenting Parties shall  
20 be permitted to use, free of cost, all casing, tubing and other equipment in the well, but the ownership of  
21 all such equipment shall remain unchanged; and upon abandonment of a well after such reworking,  
22 plugging back or deeper drilling, the Consenting Parties shall account for all such equipment to the  
23 owners thereof, with each party receiving its proportionate part in kind or in value, less cost of  
24 salvage.

25  
26 Within sixty (60) days after the completion of any operation under this Article, the party con-  
27 ducting the operations for the Consenting Parties shall furnish each Non-Consenting Party with an in-  
28 ventory of the equipment in and connected to the well, and an itemized statement of the cost of drilling,  
29 deepening, plugging back, testing, completing, and equipping the well for production; or, at its option,  
30 the operating party, in lieu of an itemized statement of such costs of operation, may submit a detailed  
31 statement of monthly billings. Each month thereafter, during the time the Consenting Parties are being  
32 reimbursed as provided above, the Party conducting the operations for the Consenting Parties shall furn-  
33 ish the Non-Consenting Parties with an itemized statement of all costs and liabilities incurred in the  
34 operation of the well, together with a statement of the quantity of oil and gas produced from it and the  
35 amount of proceeds realized from the sale of the well's working interest production during the preceding  
36 month. In determining the quantity of oil and gas produced during any month, Consenting Parties  
37 shall use industry accepted methods such as, but not limited to, metering or periodic well tests. Any  
38 amount realized from the sale or other disposition of equipment newly acquired in connection with any  
39 such operation which would have been owned by a Non-Consenting Party had it participated therein  
40 shall be credited against the total unreturned costs of the work done and of the equipment purchased,  
41 in determining when the interest of such Non-Consenting Party shall revert to it as above provided;  
42 and if there is a credit balance, it shall be paid to such Non-Consenting party.

43  
44 If and when the Consenting Parties recover from a Non-Consenting Party's relinquished interest  
45 the amounts provided for above, the relinquished interests of such Non-Consenting Party shall auto-  
46 matically revert to it, and, from and after such reversion, such Non-Consenting Party shall own the same  
47 interest in such well, the material and equipment in or pertaining thereto, and the production there-  
48 from as such Non-Consenting Party would have been entitled to had it participated in the drilling,  
49 reworking, deepening or plugging back of said well. Thereafter, such Non-Consenting Party shall be  
50 charged with and shall pay its proportionate part of the further costs of the operation of said well in  
51 accordance with the terms of this agreement and the Accounting Procedure, attached hereto.

52  
53 Notwithstanding the provisions of this Article VI.B.2., it is agreed that without the mutual consent  
54 of all parties, no wells shall be completed in or produced from a source of supply from which a well  
55 located elsewhere on the Contract Area is producing, unless such well conforms to the then-existing  
56 well spacing pattern for such source of supply.

57  
58 The provisions of this Article shall have no application whatsoever to the drilling of the initial  
59 well described in Article VI.A. except (a) when Option 2, Article VII.D.1., has been selected, or (b)  
60 to the reworking, deepening and plugging back of such initial well, if such well is or thereafter shall  
61 prove to be a dry hole or non-commercial well, after having been drilled to the depth specified in Article  
62 VI.A.

63  
64 **C. Right to Take Production in Kind:**

65  
66 Each party shall have the right to take in kind or separately dispose of its proportionate share of  
67 all oil and gas produced from the Contract Area, exclusive of production which may be used in de-  
68 velopment and producing operations and in preparing and treating oil for marketing purposes and  
69 production unavoidably lost. Any extra expenditure incurred in the taking in kind or separate dispo-  
70 sition by any party of its proportionate share of the production shall be borne by such party. Any

1 party taking its share of production in kind shall be required to pay for only its proportionate share  
2 of such part of Operator's surface facilities which it uses.

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

7  
8 In the event any party shall fail to make the arrangements necessary to take in kind or separately  
9 dispose of its proportionate share of the oil and gas produced from the Contract Area, Operator shall have  
10 the right, subject to the revocation at will by the party owning it, but not the obligation, to purchase such  
11 oil and gas or sell it to others at any time and from time to time, for the account of the non-taking  
12 party at the best price obtainable in the area for such production. Any such purchase or sale by Op-  
13 erator shall be subject always to the right of the owner of the production to exercise at any time its  
14 right to take in kind, or separately dispose of, its share of all oil and gas not previously delivered to a  
15 purchaser. Any purchase or sale by Operator of any other party's share of oil and gas shall be only for  
16 such reasonable periods of time as are consistent with the minimum needs of the industry under the  
17 particular circumstances, but in no event for a period in excess of one (1) year. Notwithstanding the  
18 foregoing, Operator shall not make a sale, including one into interstate commerce, of any other party's  
19 share of gas production without first giving such other party thirty (30) days notice of such intended  
20 sale.

21  
22 In the event one or more parties' separate disposition of its share of the gas causes split-stream de-  
23 liveries to separate pipelines and/or deliveries which on a day-to-day basis for any reason are not  
24 exactly equal to a party's respective proportionate share of total gas sales to be allocated to it, the  
25 balancing or accounting between the respective accounts of the parties shall be in accordance with  
26 any Gas Balancing Agreement between the parties hereto, whether such Agreement is attached as  
27 Exhibit "E", or is a separate Agreement.

28  
29 **D. Access to Contract Area and Information:**

30  
31 Each party shall have access to the Contract Area at all reasonable times, at its sole risk to inspect  
32 or observe operations, and shall have access at reasonable times to information pertaining to the de-  
33 velopment or operation thereof, including Operator's books and records relating thereto. Operator, upon  
34 request, shall furnish each of the other parties with copies of all forms or reports filed with govern-  
35 mental agencies, daily drilling reports, well logs, tank tables, daily gauge and run tickets and reports  
36 of stock on hand at the first of each month, and shall make available samples of any cores or cuttings  
37 taken from any well drilled on the Contract Area. The cost of gathering and furnishing information to  
38 Non-Operator, other than that specified above, shall be charged to the Non-Operator that requests the  
39 information.

40  
41 **E. Abandonment of Wells:**

42  
43 1. Abandonment of Dry Holes: Except for any well drilled pursuant to Article VI.B.2., any well  
44 which has been drilled under the terms of this agreement and is proposed to be completed as a dry hole  
45 shall not be plugged and abandoned without the consent of all parties. Should Operator, after diligent  
46 effort, be unable to contact any party, or should any party fail to reply within forty-eight (48) hours  
47 (exclusive of Saturday, Sunday or legal holidays) after receipt of notice of the proposal to plug and  
48 abandon such well, such party shall be deemed to have consented to the proposed abandonment. All  
49 such wells shall be plugged and abandoned in accordance with applicable regulations and at the cost,  
50 risk and expense of the parties who participated in the cost of drilling of such well. Any party who ob-  
51 jects to the plugging and abandoning such well shall have the right to take over the well and conduct  
52 further operations in search of oil and/or gas subject to the provisions of Article VI.B.

53  
54 2. Abandonment of Wells that have Produced: Except for any well which has been drilled or re-  
55 worked pursuant to Article VI.B.2. hereof for which the Consenting Parties have not been fully reim-  
56 bursed as therein provided, any well which has been completed as a producer shall not be plugged and  
57 abandoned without the consent of all parties. If all parties consent to such abandonment, the well shall  
58 be plugged and abandoned in accordance with applicable regulations and at the cost, risk and expense  
59 of all the parties hereto. If, within thirty (30) days after receipt of notice of the proposed abandonment  
60 of such well, all parties do not agree to the abandonment of any well, those wishing to continue its op-  
61 eration shall tender to each of the other parties its proportionate share of the value of the well's salvable  
62 material and equipment, determined in accordance with the provisions of Exhibit "C", less the estimated  
63 cost of salvaging and the estimated cost of plugging and abandoning. Each abandoning party shall  
64 assign to the non-abandoning parties, without warranty, express or implied, as to title or as to quantity,  
65 quality, or fitness for use of the equipment and material, all of its interest in the well and related equip-  
66 ment, together with its interest in the leasehold estate as to, but only as to, the interval or intervals of the  
67 formation or formations then open to production. If the interest of the abandoning party is or includes  
68 an oil and gas interest, such party shall execute and deliver to the non-abandoning party or parties an  
69 oil and gas lease, limited to the interval or intervals of the formation or formations then open to produc-  
70 tion, for a term of one year and so long thereafter as oil and/or gas is produced from the interval or inter-

vals of the formation or formations covered thereby, such lease to be on the form attached as Exhibit "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 percentages 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 interest 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.

**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 the Accounting Procedure attached hereto as 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 Accounting:**

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 the Accounting Procedure attached hereto as 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.

1 **D. Limitation of Expenditures:**

2  
3 1. Drill or Deepen: Without the consent of all parties, no well shall be drilled or deepened, ex-  
4 cept any well drilled or deepened pursuant to the provisions of Article VI.B.2. of this Agreement, it being  
5 understood that the consent to the drilling or deepening shall include:

6  
7  Option No. 1: All necessary expenditures for the drilling or deepening, testing, completing and  
8 equipping of the well, including necessary tankage and/or surface facilities.

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

22  
23 2. Rework or Plug Back: Without the consent of all parties, no well shall be reworked or plugged  
24 back except a well reworked or plugged back pursuant to the provisions of Article VI.B.2. of this agree-  
25 ment, it being understood that the consent to the reworking or plugging back of a well shall include  
26 consent to all necessary expenditures in conducting such operations and completing and equipping of  
27 said well, including necessary tankage and/or surface facilities.

28  
29 3. Other Operations: Operator shall not undertake any single project reasonably estimated to require  
30 an expenditure in excess of Fifteen Thousand and no/100 Dollars (\$ 15,000.00 )  
31 except in connection with a well, the drilling, reworking, deepening, completing, recompleting, or plug-  
32 ging back of which has been previously authorized by or pursuant to this agreement; provided, how-  
33 ever, that, in case of explosion, fire, flood or other sudden emergency, whether of the same or different  
34 nature, Operator may take such steps and incur such expenses as in its opinion are required to deal with  
35 the emergency to safeguard life and property but Operator, as promptly as possible, shall report the emer-  
36 gency to the other parties. If Operator prepares "Authority for Expenditures" for its own use,  
37 Operator, upon request, shall furnish copies of its "Authority for Expenditures" for any single project  
38 costing in excess of Fifteen Thousand and no/100 Dollars (\$ 15,000.00 ).

39  
40 **E. Royalties, Overriding Royalties and Other Payments:**

41  
42 Each party shall pay or deliver, or cause to be paid or delivered, all royalties to the extent of  
43 three-sixteenths (3/16ths) due on its share of production and shall hold the other parties free  
44 from any liability therefor. If the interest of any party in any oil and gas lease covered by this agree-  
45 ment is subject to any royalty, overriding royalty, production payment, or other charge over and above  
46 the aforesaid royalty, such party shall assume and alone bear all such obligations and shall account  
47 for or cause to be accounted for, such interest to the owners thereof.

48  
49 No party shall ever be responsible, on any price basis higher than the price received by such party,  
50 to any other party's lessor or royalty owner; and if any such other party's lessor or royalty owner should  
51 demand and receive settlements on a higher price basis, the party contributing such lease shall bear the  
52 royalty burden insofar as such higher price is concerned.

53  
54 **F. Rentals, Shut-in Well Payments and Minimum Royalties:**

55  
56 Rentals, shut-in well payments and minimum royalties which may be required under the terms of  
57 any lease shall be paid by the party or parties who subjected such lease to this agreement at its or their  
58 expense. In the event two or more parties own and have contributed interests in the same lease to this  
59 agreement, such parties may designate one of such parties to make said payments for and on behalf of all  
60 such parties. Any party may request, and shall be entitled to receive, proper evidence of all such pay-  
61 ments. In the event of failure to make proper payment of any rental, shut-in well payment or minimum  
62 royalty through mistake or oversight where such payment is required to continue the lease in force,  
63 any loss which results from such non-payment shall be borne in accordance with the provisions of Article  
64 IV.B.2.

65  
66 Operator shall notify Non-Operator of the anticipated completion of a shut-in gas well, or the shut-  
67 ting in or return to production of a producing gas well, at least five (5) days (excluding Saturday, Sun-  
68 day and holidays), or at the earliest opportunity permitted by circumstances, prior to taking such action,  
69 but assumes no liability for failure to do so. In the event of failure by Operator to so notify Non-  
70 Operator, the loss of any lease contributed hereto by Non-Operator for failure to make timely payments

1 of any shut-in well payment shall be borne jointly by the parties hereto under the provisions of Article  
 2 IV.B.3.

3  
 4 **G. Taxes:**

5  
 6 Beginning with the first calendar year after the effective date hereof, Operator shall render for ad  
 7 valorem taxation all property subject to this agreement which by law should be rendered for such  
 8 taxes, and it shall pay all such taxes assessed thereon before they become delinquent. Prior to the ren-  
 9 dition date, each Non-Operator shall furnish Operator information as to burdens (to include, but not be  
 10 limited to, royalties, overriding royalties and production payments) on leases and oil and gas interests con-  
 11 tributed by such Non-Operator. If the assessed valuation of any leasehold estate is reduced by reason of its  
 12 being subject to outstanding excess royalties, overriding royalties or production payments, the reduction in  
 13 ad valorem taxes resulting therefrom shall inure to the benefit of the owner or owners of such leasehold  
 14 estate, and Operator shall adjust the charge to such owner or owners so as to reflect the benefit of such  
 15 reduction. Operator shall bill other parties for their proportionate share of all tax payments in the man-  
 16 ner provided in Exhibit "C".

17  
 18 If Operator considers any tax assessment improper, Operator may, at its discretion, protest within  
 19 the time and manner prescribed by law, and prosecute the protest to a final determination, unless all  
 20 parties agree to abandon the protest prior to final determination. During the pendency of administrative  
 21 or judicial proceedings, Operator may elect to pay, under protest, all such taxes and any interest and  
 22 penalty. When any such protested assessment shall have been finally determined, Operator shall pay  
 23 the tax for the joint account, together with any interest and penalty accrued, and the total cost shall then  
 24 be assessed against the parties, and be paid by them, as provided in Exhibit "C".

25  
 26 Each party shall pay or cause to be paid all production, severance, gathering and other taxes im-  
 27 posed upon or with respect to the production or handling of such party's share of oil and/or gas pro-  
 28 duced under the terms of this agreement.

29  
 30 **H. Insurance:**

31  
 32 At all times while operations are conducted hereunder, Operator shall comply with the Workmen's  
 33 Compensation Law of the State where the operations are being conducted; provided, however, that Op-  
 34 erator may be a self-insurer for liability under said compensation laws in which event the only charge  
 35 that shall be made to the joint account shall be an amount equivalent to the premium which would have  
 36 been paid had such insurance been obtained. Operator shall also carry or provide insurance for the  
 37 benefit of the joint account of the parties as outlined in Exhibit "D", attached to and made a part hereof.  
 38 Operator shall require all contractors engaged in work on or for the Contract Area to comply with the  
 39 Workmen's Compensation Law of the State where the operations are being conducted and to maintain  
 40 such other insurance as Operator may require.

41  
 42 In the event Automobile Public Liability Insurance is specified in said Exhibit "D", or subsequently  
 43 receives the approval of the parties, no direct charge shall be made by Operator for premiums paid for  
 44 such insurance for Operator's fully owned automotive equipment.

45  
 46 **ARTICLE VIII.**  
 47 **ACQUISITION, MAINTENANCE OR TRANSFER OF INTEREST**

48  
 49 **A. Surrender of Leases:**

50  
 51 The leases covered by this agreement, insofar as they embrace acreage in the Contract Area, shall  
 52 not be surrendered in whole or in part unless all parties consent thereto.

53  
 54 However, should any party desire to surrender its interest in any lease or in any portion thereof, and  
 55 other parties do not agree or consent thereto, the party desiring to surrender shall assign, without express  
 56 or implied warranty of title, all of its interest in such lease, or portion thereof, and any well, material and  
 57 equipment which may be located thereon and any rights in production thereafter secured, to the parties  
 58 not desiring to surrender it. If the interest of the assigning party includes an oil and gas interest, the as-  
 59 signing party shall execute and deliver to the party or parties not desiring to surrender an oil and gas  
 60 lease covering such oil and gas interest for a term of one year and so long thereafter as oil and/or gas  
 61 is produced from the land covered thereby, such lease to be on the form attached hereto as Exhibit "B".  
 62 Upon such assignment, the assigning party shall be relieved from all obligations thereafter accruing,  
 63 but not theretofore accrued, with respect to the acreage assigned and the operation of any well thereon,  
 64 and the assigning party shall have no further interest in the lease assigned and its equipment and pro-  
 65 duction other than the royalties retained in any lease made under the terms of this Article. The parties  
 66 assignee shall pay to the party assigning the reasonable salvage value of the latter's interest in any wells  
 67 and equipment on the assigned acreage. The value of all material shall be determined in accordance  
 68 with the provisions of Exhibit "C", less the estimated cost of salvaging and the estimated cost of plug-  
 69 ging and abandoning. If the assignment is in favor of more than one party, the assigned interest shall  
 70

1 be shared by the parties assignee in the proportions that the interest of each bears to the interest of all  
2 parties assignee.

3  
4 Any assignment or surrender made under this provision shall not reduce or change the assignor's or  
5 surrendering parties' interest, as it was immediately before the assignment, in the balance of the Contract  
6 Area; and the acreage assigned or surrendered, and subsequent operations thereon, shall not thereafter  
7 be subject to the terms and provisions of this agreement.

8  
9 **B. Renewal or Extension of Leases:**

10  
11 If any party secures a renewal of any oil and gas lease subject to this Agreement, all other parties  
12 shall be notified promptly, and shall have the right for a period of thirty (30) days following receipt  
13 of such notice in which to elect to participate in the ownership of the renewal lease, insofar as such  
14 lease affects lands within the Contract Area, by paying to the party who acquired it their several proper  
15 proportionate shares of the acquisition cost allocated to that part of such lease within the Contract Area,  
16 which shall be in proportion to the interests held at that time by the parties in the Contract Area.

17  
18 If some, but less than all, of the parties elect to participate in the purchase of a renewal lease, it  
19 shall be owned by the parties who elect to participate therein, in a ratio based upon the relationship of  
20 their respective percentage of participation in the Contract Area to the aggregate of the percentages  
21 of participation in the Contract Area of all parties participating in the purchase of such renewal lease.  
22 Any renewal lease in which less than all parties elect to participate shall not be subject to this agreement.

23  
24 Each party who participates in the purchase of a renewal lease shall be given an assignment of its  
25 proportionate interest therein by the acquiring party.

26  
27 The provisions of this Article shall apply to renewal leases whether they are for the entire interest  
28 covered by the expiring lease or cover only a portion of its area or an interest therein. Any renewal lease  
29 taken before the expiration of its predecessor lease, or taken or contracted for within six (6) months after  
30 the expiration of the existing lease shall be subject to this provision; but any lease taken or contracted  
31 for more than six (6) months after the expiration of an existing lease shall not be deemed a renewal  
32 lease and shall not be subject to the provisions of this agreement.

33  
34 The provisions in this Article shall apply also and in like manner to extensions of oil and gas  
35 leases.

36  
37 **C. ~~Acreage or~~ Cash Contributions:**

38  
39 While this agreement is in force, if any party contracts for a contribution of cash toward the drilling  
40 of a well or any other operation on the Contract Area, such contribution shall be paid to the party who  
41 conducted the drilling or other operation and shall be applied by it against the cost of such drilling or  
42 other operation. ~~If the contribution be in the form of acreage, the party to whom the contribution is~~  
43 ~~made shall promptly tender an assignment of the acreage, without warranty of title, to the Drilling~~  
44 ~~Parties in the proportions said Drilling Parties shared the cost of drilling the well. If all parties hereto~~  
45 ~~are Drilling Parties and accept such tender, such acreage shall become a part of the Contract Area and~~  
46 ~~be governed by the provisions of this agreement. If less than all parties hereto are Drilling Parties and~~  
47 ~~accept such tender, such acreage shall not become a part of the Contract Area. Each party shall prompt-~~  
48 ~~ly notify all other parties of all ~~acreage or~~ money contributions it may obtain in support of any well or~~  
49 ~~any other operation on the Contract Area.~~

50  
51 If any party contracts for any consideration relating to disposition of such party's share of substances  
52 produced hereunder, such consideration shall not be deemed a contribution as contemplated in this  
53 Article VIII.C.

54  
55 **D. Subsequently Created Interest:**

56  
57 Notwithstanding the provisions of Article VIII.E. and VIII.G., if any party hereto shall, subsequent  
58 to execution of this agreement, create an overriding royalty, production payment, or net proceeds inter-  
59 est, which such interests are hereinafter referred to as "subsequently created interest", such subsequently  
60 created interest shall be specifically made subject to all of the terms and provisions of this agreement, as  
61 follows:

62  
63 1. If non-consent operations are conducted pursuant to any provision of this agreement, and the  
64 party conducting such operations becomes entitled to receive the production attributable to the interest  
65 out of which the subsequently created interest is derived, such party shall receive same free and clear  
66 of such subsequently created interest. The party creating same shall bear and pay all such subsequently  
67 created interests and shall indemnify and hold the other parties hereto free and harmless from any and  
68 all liability resulting therefrom.

69  
70

2. If the owner of the interest from which the subsequently created interest is derived (1) fails to pay, when due, its share of expenses chargeable hereunder, or (2) elects to abandon a well under provisions of Article VI.E. hereof, or (3) elects to surrender a lease under provisions of Article VIII.A. hereof, the subsequently created interest shall be chargeable with the pro rata portion of all expenses hereunder in the same manner as if such interest were a working interest. For purposes of collecting such chargeable expenses, the party or parties who receive assignments as a result of (2) or (3) above shall have the right to enforce all provisions of Article VII.B. hereof against such subsequently created interest.

**E. Maintenance of Uniform Interest:**

For the purpose of maintaining uniformity of ownership in the oil and gas leasehold interests covered by this agreement, and notwithstanding any other provisions to the contrary, no party shall sell, encumber, transfer or make other disposition of its interest in the leases embraced within the Contract Area and in wells, equipment and production unless such disposition covers either:

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

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

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 require such co-owners to appoint a single trustee or agent with full authority to receive notices, approve expenditures, receive billings for 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 party's interests within the scope of the operations embraced in this agreement; however, all such co-owners shall have the right to enter into and execute all contracts or agreements for the disposition of their respective shares of the oil and gas produced from the Contract Area and they shall have the right to receive, separately, payment of the sale proceeds hereof.

**F. Waiver of Right to Partition:**

If permitted by the laws of the state or states in which the property covered hereby is located, each party hereto owning an 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 interest therein.

~~**G. Preferential Right to Purchase:**~~

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

This agreement is not intended to create, and shall not be construed to create, a relationship of partnership or an association for profit between or among the parties hereto. Notwithstanding any provisions herein that the rights and liabilities hereunder are several and not joint or collective, or that this agreement and operations hereunder shall not constitute a partnership, if, for Federal income tax purposes, this agreement and the operations hereunder are regarded as a partnership, each party hereby affected elects to be excluded from the application of all of the provisions of Subchapter "K", Chapter 1, Subtitle "A", of the Internal Revenue Code of 1954, as permitted and authorized by Section 761 of the Code and the regulations promulgated thereunder. Operator is authorized and directed to execute on behalf of each party hereby affected such evidence of this election as may be required by the Secretary of the Treasury of the United States or the Federal Internal Revenue Service, including specifically, but not by way of limitation, all of the returns, statements, and the data required by Federal Regulations 1.761. Should there be any requirement that each party hereby affected give further evidence of this election, each such party shall execute such documents and furnish such other evidence as may be required by the Federal Internal Revenue Service or as may be necessary to evidence this election. No

1 such party shall give any notices or take any other action inconsistent with the election made hereby.  
 2 If any present or future income tax laws of the state or states in which the Contract Area is located or  
 3 any future income tax laws of the United States contain provisions similar to those in Subchapter "K",  
 4 Chapter 1, Subtitle "A", of the Internal Revenue Code of 1954, under which an election similar to that  
 5 provided by Section 761 of the Code is permitted, each party hereby affected shall make such election as  
 6 may be permitted or required by such laws. In making the foregoing election, each such party states that  
 7 the income derived by such party from Operations hereunder can be adequately determined without the  
 8 computation of partnership taxable income.

9  
 10 **ARTICLE X.**  
 11 **CLAIMS AND LAWSUITS**

12  
 13 Operator may settle any single damage claim or suit arising from operations hereunder if the ex-  
 14 penditure does not exceed Twenty Thousand and no/100 Dollars  
 15 (\$ 20,000.00) and if the payment is in complete settlement of such claim or suit. If the amount  
 16 required for settlement exceeds the above amount, the parties hereto shall assume and take over the  
 17 further handling of the claim or suit, unless such authority is delegated to Operator. All costs and ex-  
 18 pense of handling, settling, or otherwise discharging such claim or suit shall be at the joint expense  
 19 of the parties. If a claim is made against any party or if any party is sued on account of any matter  
 20 arising from operations hereunder over which such individual has no control because of the rights given  
 21 Operator by this agreement, the party shall immediately notify Operator, and the claim or suit shall  
 22 be treated as any other claim or suit involving operations hereunder.

23  
 24 **ARTICLE XI.**  
 25 **FORCE MAJEURE**

26  
 27 If any party is rendered unable, wholly or in part, by force majeure to carry out its obligations  
 28 under this agreement, other than the obligation to make money payments, that party shall give to all  
 29 other parties prompt written notice of the force majeure with reasonably full particulars concerning it;  
 30 thereupon, the obligations of the party giving the notice, so far as they are affected by the force majeure,  
 31 shall be suspended during, but no longer than, the continuance of the force majeure. The affected party  
 32 shall use all reasonable diligence to remove the force majeure situation as quickly as practicable.

33  
 34 The requirement that any force majeure shall be remedied with all reasonable dispatch shall not  
 35 require the settlement of strikes, lockouts, or other labor difficulty by the party involved, contrary to its  
 36 wishes; how all such difficulties shall be handled shall be entirely within the discretion of the party  
 37 concerned.

38  
 39 The term "force majeure", as here employed, shall mean an act of God, strike, lockout, or other  
 40 industrial disturbance, act of the public enemy, war, blockade, public riot, lightning, fire, storm, flood,  
 41 explosion, governmental action, governmental delay, restraint or inaction, unavailability of equipment,  
 42 and any other cause, whether of the kind specifically enumerated above or otherwise, which is not  
 43 reasonably within the control of the party claiming suspension.

44  
 45 **ARTICLE XII.**  
 46 **NOTICES**

47  
 48 All notices authorized or required between the parties, and required by any of the provisions of  
 49 this agreement, unless otherwise specifically provided, shall be given in writing by United States mail  
 50 or Western Union telegram, postage or charges prepaid, or by teletype, and addressed to the party to  
 51 whom the notice is given at the addresses listed on Exhibit "A". The originating notice given under any  
 52 provision hereof shall be deemed given only when received by the party to whom such notice is directed,  
 53 and the time for such party to give any notice in response thereto shall run from the date the originat-  
 54 ing notice is received. The second or any responsive notice shall be deemed given when deposited in  
 55 the United States mail or with the Western Union Telegraph Company, with postage or charges prepaid,  
 56 or when sent by teletype. Each party shall have the right to change its address at any time, and from  
 57 time to time, by giving written notice hereof to all other parties.

58  
 59 **ARTICLE XIII.**  
 60 **TERM OF AGREEMENT**

61  
 62 This agreement shall remain in full force and effect as to the oil and gas leases and/or oil and gas in-  
 63 terests subjected hereto for the period of time selected below; provided, however, no party hereto shall  
 64 ever be construed as having any right, title or interest in or to any lease, or oil and gas interest con-  
 65 tributed by any other party beyond the term of this agreement.

66  
 67  Option No. 1: So long as any of the oil and gas leases subject to this agreement remain or are con-  
 68 tinued in force as to any part of the Contract Area, whether by production, extension, renewal or other-  
 69 wise, and/or so long as oil and/or gas production continues from any lease or oil and gas interest.

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 60 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 or reworking 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 or reworking operations are commenced within 60 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 committed acreage 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:**

The essential validity of this agreement and all matters pertaining thereto, 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 where most of the land in the Contract Area is located shall govern.

**ARTICLE XV.  
OTHER PROVISIONS**

**A. Non-Discrimination**

In connection with the performance of work under this agreement, the operator agrees to comply with all of the provisions of Section 202 (1) to (7), inclusive, of Executive Order 11246 (30 F. R. 12319), as amended, which are incorporated by reference in this agreement; and all other relevant and applicable regulations and orders of the Secretary of Labor.

Notwithstanding anything to the contrary contained herein, if the initial test well provided for in Article VI hereof is not timely commenced, there shall be no liability on the part of Operator, or any other party hereto; and in such event, this agreement shall ipso facto terminate, unless all parties hereto agree to extend the time for the commencement of said test well.

**C. Liability for Failure to Comply with Regulations:**

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 any local, state or federal agency, or any other regulatory agency having jurisdiction, along with any predecessors or successors to any agency, to the extent Operator's interpretation or application of such rules, rulings, regulations or orders was made in good faith. Non-Operators further agree to reimburse Operator for their proportionate share of any amounts Operator may be required to refund, rebate or pay as a result of an incorrect interpretation or application of the above noted rules, rulings, regulations or orders, together with the Non-Operators' proportionate part of interest and penalties owing by Operator as a result of such incorrect interpretation or application of such rules, rulings, regulations or orders.

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 19th day of October, 1982.

OPERATOR

C&K PETROLEUM, INC.

By: \_\_\_\_\_

G. C. Tompson  
Regional Vice-President

NON-OPERATORS

Attest: \_\_\_\_\_

Texaco, Inc.

By: \_\_\_\_\_

Ann Morris

Attest: \_\_\_\_\_

Yates Petroleum Corporation

By: \_\_\_\_\_

Roy G. Barton, Jr.

*Norma J. Barton*  
Norma J. Barton

E. L. Latham, Jr.

Attest: \_\_\_\_\_

Heritage Resources, Inc.

By: \_\_\_\_\_

Attest: \_\_\_\_\_

Petroleum Corporation of Texas

By: \_\_\_\_\_

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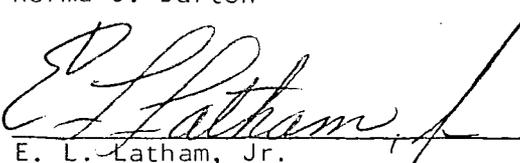
By: \_\_\_\_\_  
G. C. Tompson  
Regional Vice-President

NON-OPERATORS

Attest: \_\_\_\_\_ Texaco, Inc.  
By: \_\_\_\_\_

Attest: \_\_\_\_\_  
Ann Morris  
Yates Petroleum Corporation  
By: \_\_\_\_\_

\_\_\_\_\_  
Roy G. Barton, Jr.

\_\_\_\_\_  
Norma J. Barton  
  
E. L. Latham, Jr.

Attest: \_\_\_\_\_ Heritage Resources, Inc.  
By: \_\_\_\_\_

Attest: \_\_\_\_\_ Petroleum Corporation of Texas  
By: \_\_\_\_\_

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OCT 26

*Clifford Cone*  
Clifford Cone

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Douglas Cone

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Kenneth G. Cone

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M. T. Charlton

\_\_\_\_\_  
R. H. Fulton

\_\_\_\_\_  
C. G. Grefenstette, Trustee for the  
Hillman Trusts

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H. L. Hillman

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John Lawrence

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Arthur L. Owen

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J. F. Webre

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Lillian S. Davis

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Solly Robins

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Harding A. Orren

Clifford Cone

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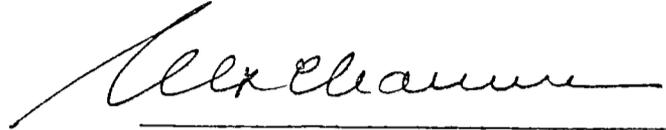
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Douglas Cone

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Kenneth G. Cone

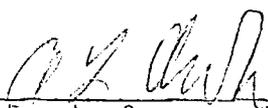
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Solly Robins

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Harding A. Orren

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OCT 28 1982

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Douglas Cone

Kenneth G. Cone

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C. G. Grefenstette, Trustee for the  
Hillman Trusts

H. L. Hillman

John Lawrence

Arthur L. Owen

*J. F. Webre*  
J. F. Webre

Lillian S. Davis

Solly Robins

Harding A. Orren



\_\_\_\_\_  
Bernard Rosenberg

\_\_\_\_\_  
Samuel D. Haas

\_\_\_\_\_  
Joe M. Haas

\_\_\_\_\_  
James L. Irish, III, Trustee for  
Irish Family Trusts

\_\_\_\_\_  
R. M. Swesnik

C&K 1974 Exploration, Ltd.

By: \_\_\_\_\_

Attest:

\_\_\_\_\_

Attest:

\_\_\_\_\_

*Program*  
Spectrum 7 - 1981 Drilling ~~Fund~~  
By: Spectrum 7 Energy Corporation,  
*Managing General Partner*  
By: *Joseph D. Wick, Jr. Pres.*

Enserch Exploration, Inc.

By: \_\_\_\_\_

Attest:

\_\_\_\_\_

EXHIBIT "A"

Attached to and made a part of Operating Agreement dated October 19, 1982, between C&K Petroleum, Inc., "Operator" and the signatory parties hereto as "Non-operators".

I. Contract Area: S/2 SW/4 Section 27, T-16-S, R-37-E,  
containing 80 acres, more or less

II. Depth Restrictions: From the surface down to 100 feet below the  
deepest depth drilled in initial test well.

III. Interests and Addresses of the Parties:

<u>Party</u>	<u>Working Interest Percent</u>	<u>After Payout #1</u>	<u>After Payout #2</u>
Texaco, Inc. Box 3109 Midland, Texas 79701	22.968750	22.968750	22.968750
Ann Morris 2865 Mac Vicar Topeka, Kansas 66611	.781250	.781250	.781250
Yates Petroleum Corporation 207 South Fourth Street Artesia, New Mexico 88210	6.666667	6.666667	6.666667
Roy G. Barton, Jr. P.O. Box 978 Hobbs, New Mexico 88240 1/2 of 1/2 of 12.760416%	3.190104	3.190104	3.190104
Norma J. Barton P.O. Box 729 Hobbs, New Mexico 88240 1/2 of 1/2 of 12.760416%	3.190104	3.190104	3.190104
E. L. Latham, Jr. P.O. Box 1392 Hobbs, New Mexico 88240 1/2 of 12.760416%	6.380208	6.380208	6.380208
Heritage Resources, Inc. Box 777 Davis, Oklahoma 73030	1.562500	1.562500	1.562500
Petroleum Corporation of Texas Box 911 Breckenridge, Texas 76024	2.083334	2.083334	2.083334
Clifford Cone P.O. Box 6010 Lubbock, Texas 79413	.208333	.208333	.208333
Douglas Cone P.O. Box 6217 Lubbock, Texas 79413	.208333	.208333	.208333
Kenneth G. Cone P.O. Box 5246 Austin, Texas 78763	.208333	.208333	.208333

	<u>Working Interest Percent</u>	<u>After Payout #1</u>	<u>After Payout #2</u>
<u>C&amp;K Investors:</u>			
* M. T. Charlton 5701 Woodway Suite 236 Houston, Texas 77057 .015625 of 51.06771%	.797933	* .597707	.597707
* R. H. Fulton Box 1526 Lubbock, Texas 79400 .03125 of 51.06771%	1.595866	*1.195414	1.195414
* C. G. Grefenstette, Trustee The Hillman Trusts 2000 Grant Building Pittsburgh, PA 15219 1/2 of 1/2 of .257203 of 51.06771%			
Juliet L. Hillman Trust	.410462	* .307464	.307464
Audrey H. Hillman Trust	.410462	* .307464	.307464
Henry L. Hillman, Jr. Trust	.410462	* .307464	.307464
William T. Hillman Trust	.410462	* .307464	.307464
Juliet L. Hillman Trust	.410461	* .307464	.307464
Audrey H. Hillman Trust	.410461	* .307464	.307464
Henry L. Hillman, Jr. Trust	.410461	* .307464	.307464
William T. Hillman Trust	.410461	* .307464	.307464
* H. L. Hillman 2000 Grant Building Pittsburgh, PA 15219 1/2 of 1/2 of .257203 of 51.06771%	3.283692	*2.459714	2.459714
* John Lawrence 2929 LTV Tower Dallas, Texas 75201 .03125 of 51.06771%	1.595866	*1.195414	1.195414
* Arthur L. Owen 2000 Mercantile Commerce Building 1712 Commerce Street Dallas, Texas 75201 .015625 of 51.06771%	.797933	* .597708	.597708
* J. F. Webre 5701 Woodway Suite 236 Houston, Texas 77057 .03125 of 51.06771%	1.595866	*1.195414	1.195414
* Lillian S. Davis 33 South 5th Street Minneapolis, Minnesota 55402 .029412 of 51.06771%	1.502003	*1.125104	1.125104
* Solly Robins 33 South 5th Street Minneapolis, Minnesota 55402 .029412 of 51.06771%	1.502003	*1.125104	1.125104
* Harding A. Orren 33 South 5th Street Minneapolis, Minnesota 55402 .001838 of 51.06771%	.093862	* .070310	.070310

	<u>Working Interest Percent</u>	<u>After Payout #1</u>	<u>After Payout #2</u>
Bernard Rosenberg 33 South 5th Street Minneapolis, Minnesota 55402 .001838 of 51.06771%	.093862	* .070310	.070310
Samuel D. Haas Thompson & Knight Suite 850 Two Energy Square 4849 Greenville Ave. Dallas, Texas 75206 2/52 of .0625 of 51.06771%	.122759	* .091955	.091955
Joe M. Haas 435 Meadows Building Dallas, Texas 75206 20/52 of .0625 of 51.06771%	1.227589	* .919549	.919549
James L. Irish, III, Trustee for Irish Family Trusts Thompson & Knight Republic National Bank Building Dallas, Texas 75201 20/52 of .0625 of 51.06771%	1.227589	* .919549	.919549
R. M. Swesnik 6335 West NW Highway Dallas, Texas 75225 10/52 of .0625 of 51.06771%	.613795	* .459775	.459775
C&K 1974 Exploration, Ltd. c/o Ann Adams 3900 Capital Bank Plaza Houston, Texas 77002 .257203 of 51.06771%	13.134768	*9.838852	9.838852
Spectrum 7 - 1981 Drilling Fund P.O. Box 50 Midland, Texas 79702 12.3066% of 47.298179%	5.820797	*4.360181	4.360181
C&K Petroleum, Inc. P.O. Drawer 3546 Midland, Texas 79702 Plus pooling interests <u>12.777835</u> <u>1.484374</u>	14.262209	*11.055859	9.571485
Enserch Exploration, Inc. P.O. Box 4815 Midland, Texas 79701 30% of 42.714844%	-0-	*12.814453	12.814453
Pooled Interests	-0-	-0-	** 1.484374
	<hr/>	<hr/>	<hr/>
	100.000000	100.000000	100.000000

\* Payout #1

Payout will occur after C&K Petroleum, Inc., et al have recovered, out of production, 100% of cost attributable to 42.714844% unit interest in S/2 SW/4 Section 27, T-16-S, R-37-E, Lea County, New Mexico, contributed by Enserch Exploration, Inc., as more specifically set out in Farmout Agreement dated July 26, 1982, from Enserch Exploration, Inc. in favor of C&K Petroleum, Inc.

\*\* Payout #2

Payout will occur after C&K Petroleum, Inc. has recovered, out of production, 100% of costs plus \_\_\_\_\_% risk penalty attributable to these interests, all as set out and defined in Oil Conservation Division, State of New Mexico, Order # \_\_\_\_\_ dated \_\_\_\_\_.

OIL AND GAS LEASE

THIS AGREEMENT made this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, between

Lessor (whether one or more), whose address is: \_\_\_\_\_ Lessee, WITNESSETH:  
and \_\_\_\_\_ Dollars

1. Lessor in consideration of \_\_\_\_\_ (\$ \_\_\_\_\_) in hand paid, of the royalties herein provided and of the agreements of Lessee herein contained, hereby grants, leases and lets exclusively unto Lessee for the purpose of investigating, exploring, prospecting, drilling and mining for and producing oil and gas, laying pipe lines, building roads, tanks, power stations, telephone lines and other structures thereon and on, over and across lands owned or claimed by Lessor adjacent and contiguous thereto, to produce, save, take care of, treat, transport, and own said products, and housing its employees, the following described land in \_\_\_\_\_ County, \_\_\_\_\_, to-wit:

2. Without reference to the commencement, prosecution or cessation at any time of drilling or other development operations and/or to the discovery, development or cessation at any time of production of oil or gas and without further payments than the royalties herein provided, and notwithstanding anything else herein contained to the contrary, this lease shall be for a term ~~of ten years from the date of this lease~~ ~~commencing on the date of this lease~~ ~~and continuing until the expiration of the primary term hereunder~~ concurrent with the operating Agreement to which this is attached

3. The royalties to be paid by Lessee are: (a) on oil,  $3/16$  of that produced and saved from said land, the same to be delivered at the wells or to the credit of Lessor into the pipe line to which the wells may be connected; Lessee may from time to time purchase any royalty oil in its possession, paying the market price therefor prevailing for the field where produced on the date of purchase; (b) on gas, including casinghead gas or other gaseous substance, produced from said land, and sold, or used off the premises or for the extraction of gasoline or other product therefrom, the market value at the well of  $3/16$

of the gas so sold or used, provided that on gas sold at the wells the royalty shall be  $3/16$  of the amount realized from such sale; while there is a gas well on this lease or on acreage pooled therewith but gas is not being sold or used, Lessee may pay or tender as royalty, on or before ninety (90) days after the date on which said well is shut in and thereafter at annual intervals the sum of \$1.00 per acre, and if such payment is made or tendered, this lease shall not terminate and it will be considered that gas is being produced from this lease in paying quantities. Payment or tender of said shut-in gas royalty may be made by check or draft of Lessee mailed or delivered to the parties entitled thereto on or before the date said payment is due. Lessee shall have free use of oil, gas, coal and water from said land, except water from Lessor's wells, for all operations hereunder, and the royalty on oil and gas shall be computed after deducting any so used.

4. Lessee, at its option, is hereby given the right and power to pool or combine the acreage covered by this lease, or any portion thereof as to oil and gas, or either of them, with other land, lease or leases in the immediate vicinity thereof to the extent, hereinafter stipulated, when in Lessee's judgment it is necessary or advisable to do so in order properly to explore, or to develop and operate said leased premises in compliance with the spacing rules of the New Mexico Oil Conservation Commission, or other lawful authority or when to do so would, in the judgment of Lessee, promote the conservation of oil and gas in and under and that may be produced from said premises. Units pooled for oil hereunder shall not substantially exceed 40 acres each in area, and units pooled for gas hereunder shall not substantially exceed in area 640 acres each plus a tolerance of 10% thereof, provided that should governmental authority having jurisdiction prescribe or permit the creation of units larger than those specified, units thereafter created may conform substantially in size with those prescribed by governmental regulations. Lessee under the provisions hereof may pool, or combine acreage covered by this lease, or any portion thereof as above provided as to oil in any one or more strata and as to gas in any one or more strata. The units formed by pooling as to any stratum or strata need not conform in size or area with the unit or units into which the lease is pooled or combined as to any other stratum or strata, and oil units need not conform as to area with gas units. The pooling in one or more instances shall not exhaust the rights of the Lessee hereunder to pool this lease or portions thereof into other units. Lessee shall file for record in the appropriate records of the county in which the leased premises are situated an instrument describing an oil or gas well on the leased premises, and the pooled unit may include, but it is not required to include, land or leases upon which a well capable of producing oil or gas in paying quantities has theretofore been completed or upon which operations for the drilling of a well for oil or gas have theretofore been commenced. Operations for drilling on or production of oil or gas from any part of the pooled unit which includes all or a portion of the land covered by this lease regardless of whether such operations for drilling were commenced or such production was secured before or after the execution of this instrument by the instrument designating the pooled unit, shall be considered as operations for drilling on or production of oil or gas from land covered by this lease whether or not the well or wells be located on the premises covered by this lease, and the entire acreage constituting such unit or units, as to oil and gas, or either of them, as herein provided, shall be treated for all purposes, except the payment of royalties and payments out of production and each of them, shall be entitled on production of oil and gas, or either of them, from the pooled unit, there shall be allocated to the land covered by this lease and included in said unit a pro rata portion of the oil and gas, or either of them, produced from the pooled unit after deducting that used for operations on the pooled units. Such allocation shall be on an acreage basis—that is to say, there shall be allocated to the acreage covered by this lease and included in the pooled unit that pro rata portion of the oil and gas, or either of them, produced from the pooled unit which the number of surface acres covered by this lease and included in the pooled unit bears to the total number of surface acres included in the pooled unit. Royalties hereunder shall be computed on the portion of such production, whether it be oil and gas, or either of them, so allocated to the land covered by this lease and included in the unit just as though such production were from such land. The production from an oil well will be considered production from the lease or oil pooled unit from which it is producing and not as production from a gas pooled unit; and production from a gas well will be considered as production from the lease or gas pooled unit from which it is producing and not from an oil pooled unit. ~~In addition to the foregoing, Lessee or its option is hereby given the right and power from time to time to pool or combine the acreage covered by this lease, or any portion thereof as to oil and gas, or either of them, with other land, lease or leases in the immediate vicinity thereof to the extent, hereinafter stipulated, when in Lessee's judgment it is necessary or advisable to do so in order properly to explore, or to develop and operate said leased premises in compliance with the spacing rules of the New Mexico Oil Conservation Commission, or other lawful authority or when to do so would, in the judgment of Lessee, promote the conservation of oil and gas in and under and that may be produced from said premises. Units pooled for oil hereunder shall not substantially exceed 40 acres each in area, and units pooled for gas hereunder shall not substantially exceed in area 640 acres each plus a tolerance of 10% thereof, provided that should governmental authority having jurisdiction prescribe or permit the creation of units larger than those specified, units thereafter created may conform substantially in size with those prescribed by governmental regulations. Lessee under the provisions hereof may pool, or combine acreage covered by this lease, or any portion thereof as above provided as to oil in any one or more strata and as to gas in any one or more strata. The units formed by pooling as to any stratum or strata need not conform in size or area with the unit or units into which the lease is pooled or combined as to any other stratum or strata, and oil units need not conform as to area with gas units. The pooling in one or more instances shall not exhaust the rights of the Lessee hereunder to pool this lease or portions thereof into other units. Lessee shall file for record in the appropriate records of the county in which the leased premises are situated an instrument describing an oil or gas well on the leased premises, and the pooled unit may include, but it is not required to include, land or leases upon which a well capable of producing oil or gas in paying quantities has theretofore been completed or upon which operations for the drilling of a well for oil or gas have theretofore been commenced. Operations for drilling on or production of oil or gas from any part of the pooled unit which includes all or a portion of the land covered by this lease regardless of whether such operations for drilling were commenced or such production was secured before or after the execution of this instrument by the instrument designating the pooled unit, shall be considered as operations for drilling on or production of oil or gas from land covered by this lease whether or not the well or wells be located on the premises covered by this lease, and the entire acreage constituting such unit or units, as to oil and gas, or either of them, as herein provided, shall be treated for all purposes, except the payment of royalties and payments out of production and each of them, shall be entitled on production of oil and gas, or either of them, from the pooled unit, there shall be allocated to the land covered by this lease and included in said unit a pro rata portion of the oil and gas, or either of them, produced from the pooled unit after deducting that used for operations on the pooled units. Such allocation shall be on an acreage basis—that is to say, there shall be allocated to the acreage covered by this lease and included in the pooled unit that pro rata portion of the oil and gas, or either of them, produced from the pooled unit which the number of surface acres covered by this lease and included in the pooled unit bears to the total number of surface acres included in the pooled unit. Royalties hereunder shall be computed on the portion of such production, whether it be oil and gas, or either of them, so allocated to the land covered by this lease and included in the unit just as though such production were from such land. The production from an oil well will be considered production from the lease or oil pooled unit from which it is producing and not as production from a gas pooled unit; and production from a gas well will be considered as production from the lease or gas pooled unit from which it is producing and not from an oil pooled unit.~~

5. If at the expiration of the primary term oil or gas is not being produced on said land, or from land pooled therewith, but Lessee is then engaged in drilling or reworking operations thereon, or shall have completed a dry hole thereon within 60 days prior to the end of the primary term, the lease shall remain in force so long as operations on said well or for drilling or reworking of any additional well are prosecuted with no cessation of more than 60 consecutive days, and if they result in the production of oil or gas so long thereafter as oil or gas is produced from said land, or from land pooled therewith. If, after the expiration of the primary term of this lease and after oil or gas is produced from said land, or from land pooled therewith, the production thereof should cease from any cause, this lease shall not terminate if Lessee commences operations for drilling or reworking within 60 days after the cessation of such production, but shall remain in force and effect so long as such operations are prosecuted with no cessation of more than 60 consecutive days, and if they result in the production of oil or gas, so long thereafter as oil or gas is produced from said land, or from land pooled therewith. Any pooled unit designated by Lessee in accordance with the terms hereof, may be dissolved by Lessee by instrument filed for record in the appropriate records of the county in which the leased premises are situated at any time after the completion of a dry hole or the cessation of production on said unit. In the event a well or wells producing oil or gas in paying quantities should be brought in on adjacent land and within 660 feet of and draining the lease premises, or land pooled therewith, Lessee agrees to drill such offset well or wells as a reasonably prudent operator would drill under the same or similar circumstances. Lessee may at any time execute and deliver to Lessor or place of record a release or releases covering any portion or portions of the above described premises and thereby surrender this lease as to such portion or portions and be relieved of all obligations as to the acreage surrendered.

6. Lessee shall have the right at any time during or after the expiration of this lease to remove all property and fixtures placed by Lessee on said land, including the right to draw and remove all casing. When required by Lessor, Lessee will bury all pipe lines below ordinary plow depth, and no well shall be drilled within two hundred feet of any residence or barn now on said land without Lessor's consent.

7. The rights of either party hereunder may be assigned in whole or in part, and the provisions hereof shall extend to their heirs, successors and assigns but no change or division in ownership of the land or royalties, however accomplished, shall operate to enlarge the obligations or diminish the rights of Lessee; and no change or division in such ownership shall be binding on Lessee until thirty (30) days after Lessee shall have been furnished by registered U. S. mail at Lessee's principal place of business with a certified copy of recorded instrument or instruments evidencing same. In the event of assignment hereof in whole or in part liability for breach of any obligation hereunder shall rest exclusively upon the owner of this lease or of a portion thereof who commits such breach. If six or more parties become entitled to royalty hereunder, Lessee may withhold payment thereof unless and until furnished with a recordable instrument executed by all such parties designating an agent to receive payment for all.

8. The breach by Lessee of any obligation arising hereunder shall not work a forfeiture or termination of this lease nor cause a termination or revision of the estate created hereby nor be grounds for cancellation hereof in whole or in part. In the event Lessor considers that operations are not at any time being conducted in compliance with this lease, Lessor shall notify Lessee in writing of the facts relied upon as constituting a breach hereof, and Lessee, if in default, shall have sixty days after receipt of such notice in which to commence the compliance with the obligations imposed by virtue of this instrument. After the discovery of oil or gas in paying quantities on said premises, Lessee shall develop the acreage retained hereunder as a reasonably prudent operator but in discharging this obligation it shall in no event be required to drill more than one well per forty (40) acres of the area retained hereunder and capable of producing oil in paying quantities and one well per 640 acres plus an acreage tolerance not to exceed 10% of 640 acres of the area retained hereunder and capable of producing gas in paying quantities.

9. Lessor hereby warrants and agrees to defend the title to said land and agrees that Lessee at its option may discharge any tax, mortgage or other lien upon said land either in whole or in part, and in event Lessee does so, it shall be subrogated to such lien with the right to enforce same and apply royalties accruing hereunder toward satisfying same. Without impairment of Lessee's right under the warranty in event of failure of title, it is agreed that if Lessor owns an interest in the oil or gas on, in or under said land less than the entire fee simple estate, then the royalties to be paid Lessor shall be reduced proportionately. Should any one or more of the parties named as Lessors fail to execute this lease, it shall nevertheless be binding upon the party or parties executing the same.

10. Should Lessee be prevented from complying with any express or implied covenant of this lease, from conducting drilling or reworking operations thereon or from producing oil or gas therefrom by reason of scarcity of or inability to obtain or to use equipment or material, or by operation of force majeure, any Federal or state law or any order, rule or regulation of governmental authority, then while so prevented, Lessee's obligation to comply with such covenant shall be suspended, and Lessee shall not be liable in damages for failure to comply therewith; and this lease shall be extended while and so long as Lessee is prevented by any such cause from conducting drilling or reworking operations on or from producing oil or gas from the leased premises; and the time while Lessee is so prevented shall not be counted against Lessee, anything in this lease to the contrary notwithstanding.

IN WITNESS WHEREOF, this instrument is executed on the date first above written.

EXHIBIT "B"

Attached to Operating Agreement Dated October 19, 1982,  
by and between <sup>Lessor</sup> C&K Petroleum, Inc., and <sup>Lessee</sup> Texaco, Inc. et al.

INDIVIDUAL ACKNOWLEDGMENT

STATE OF NEW MEXICO, }  
County of \_\_\_\_\_ } ss.

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_,  
19\_\_\_\_ by \_\_\_\_\_

My commission expires \_\_\_\_\_, 19\_\_\_\_ Notary Public

CORPORATION ACKNOWLEDGMENT

STATE OF NEW MEXICO }  
County of \_\_\_\_\_ } ss.

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_  
by \_\_\_\_\_ President  
of \_\_\_\_\_ a \_\_\_\_\_ corporation  
on behalf of said corporation.

My Commission Expires: \_\_\_\_\_ Notary Public

INDIVIDUAL ACKNOWLEDGMENT

STATE OF \_\_\_\_\_ }  
County of \_\_\_\_\_ } ss.

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_,  
19\_\_\_\_ by \_\_\_\_\_

My commission expires \_\_\_\_\_, 19\_\_\_\_ Notary Public

Producers 88 Rev. (6 Year Lease) (10-57)

No. \_\_\_\_\_

Oil and Gas  
Lease

FROM

TO

Dated \_\_\_\_\_, 19\_\_\_\_

No. Acres \_\_\_\_\_  
County, N. M.

Term \_\_\_\_\_

This instrument was filed for record on the

\_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_,

at \_\_\_\_\_ o'clock \_\_\_\_\_ M., and duly

recorded in Book \_\_\_\_\_, Page \_\_\_\_\_

of the \_\_\_\_\_ records of this office.

County Clerk

By \_\_\_\_\_, Deputy

When recorded return to

EXHIBIT " C "

Attached to and made a part of Operating Agreement dated  
October 19, 1982, by and between C&K Petroleum, Inc., as  
Operator and Texaco, Inc., et al, as Non-Operators

**ACCOUNTING PROCEDURE  
JOINT OPERATIONS**

**I. GENERAL PROVISIONS**

**1. Definitions**

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

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

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

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

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

"Parties" shall mean Operator and Non-Operators.

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

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

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

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

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

**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**

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. Operator shall adjust each monthly billing to reflect advances received from the Non-Operators.

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 rate of twelve percent (12%) per annum 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. 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 joint or simultaneous audits 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.

**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 contrary 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. Rentals and Royalties**

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

**2. 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.
- 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 2A of this Section II. Such costs under this Paragraph 2B 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 2A 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 2A and 2B of this Section II.
- D. Personal Expenses of those employees whose salaries and wages are chargeable to the Joint Account under Paragraph 2A of this Section II.

**3. 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 2A and 2B of this Section II shall be Operator's actual cost not to exceed twenty per cent (20%).

**4. 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.

**5. 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, recognized barge terminal, or railway receiving point where like material is normally available, 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, recognized barge terminal, or railway receiving point 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, there shall be no equalization of actual gross trucking cost of \$200 or less excluding accessorial charges.

**6. Services**

The cost of contract services, equipment and utilities provided by outside sources, except services excluded by Paragraph 9 of Section II and Paragraph 1. ii 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.

**7. 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 investment not to exceed eight per cent (8%) 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 7A 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.

**8. 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.

**9. Legal Expense**

Expense of handling, investigating and settling litigation or claims, discharging of liens, payment of judgments 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.

**10. 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.

**11. 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 Workmen'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.

**12. Other Expenditures**

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

**III. OVERHEAD**

**1. Overhead - Drilling and Producing Operations**

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

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

Unless otherwise agreed to by the Parties, such charge shall be in lieu of costs and expenses of all offices and salaries or wages plus applicable burdens and expenses of all personnel, except those directly chargeable under Paragraph 2A, 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 ( ) shall not ( X ) 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 \$ 4180  
 Producing Well Rate \$ 423

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

(a) Drilling Well Rate

- [1] Charges for onshore drilling wells shall begin on the date the well is spudded and terminate on the date the drilling or completion rig is released, whichever is later, except that no charge shall be made during suspension of drilling operations for fifteen (15) or more consecutive days.
- [2] Charges for offshore drilling wells shall begin on the date when drilling or completion equipment arrives on location and terminate on the date the drilling or completion equipment moves off location or rig is released, whichever occurs first, except that no charge shall be made during suspension of drilling operations for fifteen (15) or more consecutive days
- [3] Charges for wells undergoing any type of workover or recompletion for a period of five (5) consecutive 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, commence through date of rig release, except that no charge shall be made during suspension of operations for fifteen (15) or more consecutive 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 may be made for the month in which plugging and abandonment operations are completed on any well.
- [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 Fields Production Workers as published by the United States Department of Labor, Bureau of Labor Statistics, or the equivalent Canadian index as published by Statistics Canada, as applicable. The adjusted rates shall be the rates currently in use, plus or minus the computed adjustment.

B. Overhead - Percentage Basis

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

(a) Development

\_\_\_\_\_ Percent ( %) of the cost of Development of the Joint Property exclusive of costs provided under Paragraph 9 of Section II and all salvage credits.

(b) Operating

\_\_\_\_\_ Percent ( %) of the cost of Operating the Joint Property exclusive of costs provided under Paragraphs 1 and 9 of Section II, all salvage credits, the value of injected substances purchased for secondary recovery and all taxes and assessments which are levied, assessed and paid upon the mineral interest in and to the Joint Property.

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

For the purpose of determining charges on a percentage basis under Paragraph 1B of this Section III, development shall include all costs in connection with drilling, re-drilling, deepening or any remedial operations on any or all wells involving the use of drilling crew and equipment; 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 \$ \_\_\_\_\_ :~~

- A. \_\_\_\_\_ % of total costs if such costs are more than \$ \_\_\_\_\_ but less than \$ \_\_\_\_\_ ; plus
- B. \_\_\_\_\_ % of total costs in excess of \$ \_\_\_\_\_ but less than \$1,000,000; plus
- C. \_\_\_\_\_ % of total 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 shall be excluded.~~

3. 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 reason, credit shall be passed to the Joint Account when adjustment has been received by the Operator.

2. Transfers and Dispositions

Materials 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 bases exclusive of cash discounts:

A. New Material (Condition A)

- (1) Tubular goods, except line pipe, shall be priced at the current new price in effect on date of movement on a maximum carload or barge load weight basis, regardless of quantity transferred, equalized to the lowest published price f.o.b. railway receiving point or recognized barge terminal nearest the Joint Property where such Material is normally available.
- (2) Line Pipe
  - (a) Movement of less than 30,000 pounds 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 where such Material is normally available.
  - (b) Movement of 30,000 pounds or more shall be priced under provisions of tubular goods pricing in Paragraph 2A (1) of this Section IV.
- (3) Other Material shall be priced at the current new price, in effect at date of movement, as listed by a reliable supply store or f.o.b. railway receiving point nearest the Joint Property where such Material is normally available.

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
  - (a) At seventy-five percent (75%) of current new price, as determined by Paragraph 2A of this Section IV.
- (2) Material moved from the Joint Property
  - (a) At seventy-five percent (75%) of current new price, as determined by Paragraph 2A of this Section IV, if Material was originally charged to the Joint Account as new Material, or

(h) at sixty-five percent (65%) of current new price, as determined by Paragraph 2A of this Section IV, if Material was originally charged to the Joint Account as good used Material at seventy-five percent (75%) of current new price.

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

C. Other Used Material (Condition C and D)

(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 2A of this Section IV. 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

All other Material, including junk, shall be priced at a value commensurate with its use or at prevailing prices. Material no longer suitable for its original purpose but usable for some other purpose, shall be priced on a basis comparable with that of items normally used for such other purpose. Operator may dispose of Condition D Material under procedures normally utilized by the 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 and unloading costs may be charged to the Joint Account at the rate of fifteen cents (15¢) per hundred weight on all tubular goods movements, in lieu of loading and unloading costs sustained, when actual hauling cost of such tubular goods are equalized under provisions of Paragraph 5 of Section II.

(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

Reconciliation of a physical inventory with the Joint Account shall be made, and a list of overages and shortages shall be furnished to the Non-Operators within six months following the taking of the inventory. Inventory adjustments shall be made by Operator with 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 or change of interest 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.

4. Expense of Conducting Periodic Inventories

The expense of conducting periodic Inventories shall not be charged to the Joint Account unless agreed to by the Parties.



Measurement of gas for over and under production shall be accomplished by use of sales meters, and lease measurement shall be in accordance with AGA requirements.

3.

After notice to the operator, any party may at any time begin taking or delivering to its purchaser its full share of the gas produced from said Joint Property (less any used in Joint operations, vented or lost). To allow for the recovery gas in storage and to balance the gas account of the parties in accordance with their respective interests, a party with gas in storage shall be entitled to take or deliver to a purchaser its full share of gas produced from said Joint Property (less any used in Joint operations, vented or lost) plus an amount determined by multiplying fifty percent (50%) of the interest of the party or parties without gas in storage by a fraction, the numerator of which is the interest in the Joint Property of such party with gas in storage and the denominator of which is the total percentage interest in the Joint Property of all parties with gas in storage.

4.

Nothing herein shall be construed to deny any party the right, from time to time, to produce and take or deliver to its purchaser its full share of the allowable gas production to meet the deliverability tests required by its purchaser.

5.

During the term of this agreement, while gas is being produced from the Joint Property, each party shall pay or deliver, or cause to be paid or delivered all royalties, overriding royalties or other payments due on its share of production regardless of whether or not it is taking and selling such share, and shall hold the other parties free from any liability therefor.

6.

Each party producing and taking or delivering gas to its purchaser shall pay, or cause to be paid, all production taxes due on such gas.

7.

When gas sales from a gas well permanently cease, Unit Operator shall make a final determination of the volumes of the last accrued over and underproduction, if any, as of the date of such cessation of sales and the identity of the party or parties who are over or underproduced. A cash balancing adjustment shall be made by the overproduced party, or parties, to the underproduced party, or parties, for the overproduced volumes which have been taken and sold; the price to be paid for such adjustment shall be the actual price received for the last accrued overproduction (in the reverse order of accrual taking most recent overproduction and going back until net overproduction is accounted for) by the overproduced party, or parties, less appropriate deductions for taxes and/or royalties paid on such production by the overproduced party. For gas sold in intrastate commerce, the price basis shall be the price received for sale of the gas. For gas sold in interstate commerce, the price basis shall be the rate collected from time to time, which is not subject to possible refund, as provided by the Federal Power Commission pursuant to final order or settlement applicable to the gas sold from such well, plus any additional collected amount which is not ultimately required by said Commission to be refunded, such additional collected amount

EXHIBIT "E"

Attached to and made a part of the Operating Agreement dated October 19, 1982 between C & K Petroleum, Inc., as Operator, and the other parties signatory hereto as Non-Operators.

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GAS BALANCING AGREEMENT  
FOR GAS WELL PRODUCTION

The parties to the Operating Agreement to which this Gas Balancing Agreement is attached own the working interest in the gas rights underlying the Joint Property covered by such agreement and are entitled to share in the percentages as stated in the Operating Agreement.

In accordance with the terms of the Operating Agreement, each party thereto has the right to take its share of gas produced from the Unit Area and market the same. In the event any of the parties hereto does not market its share of gas or has contracted to sell its share of gas produced from the Joint Property to a purchaser which, at any time while this agreement is in effect fails to take the share of gas attributable to the interest of such party, the terms of this storage agreement shall automatically become effective.

1.

During any period or periods when the market of a party is not sufficient to take that party's full share of the gas produced from the Joint Property, or its purchaser is unable to take its share of gas produced from the Joint Property, the other party or parties shall be entitled to produce from said Joint Property (and take or deliver to a purchaser), each month, all or a part of that portion of the allowable gas production assigned to such Joint Property by the regulatory body having jurisdiction. That party shall be entitled to take and deliver to its or their purchaser all of such gas production; provided, however, that no party shall be entitled to take or deliver to a purchaser gas production in excess of 300% of its share of the allowable gas production assigned thereto by the regulatory body having jurisdiction, unless that party has gas in storage. All parties hereto shall share in and own the liquid hydrocarbons recovered from such gas by primary separation equipment in accordance with their respective interests and subject to the terms of the above described Operating Agreement.

2.

Each party unable to market its share of the gas produced, and taking less than its full share of the gas produced shall be credited with gas in storage equal to its share of the gas produced under this agreement, less such party's share of the gas taken, gas used in Joint Property operations, vented or lost. Each party taking gas shall furnish the Joint Property operator a monthly statement of gas taken. The operator of the Joint Property will maintain a running account of the gas balance between the parties hereto and will furnish each party monthly statements showing the total quantity of gas produced and sold, and the total quantity of liquid hydrocarbons recovered and the monthly and cumulative over and under account of each party.

to be accounted for at such time as final determination is made with respect thereto.

8.

Nothing herein shall change or affect each party's obligations to pay its proportionate share of all costs and liabilities incurred in Joint operations, as its share thereof is set forth in the above described Operating Agreement.

9.

This agreement shall constitute a separate agreement as to each proration unit within the Unit Area and shall become effective in accordance with its terms and shall remain in force and effect as long as the Operating Agreement to which it is attached remains in effect, and shall inure to the benefit of and be binding upon the parties hereto, their successors, legal representatives and assigns.