A.A P.L. FORM 610-1982

MODEL FORM OPERATING AGREEMENT

SRO STATE EXPLORATORY UNIT

OPERATING AGREEMENT

DATED

	May 8	2009	
OPERATOR Marbot	Energy Corporation		
CONTRACT AREA S	EEE ATTACHED EXHIB	IT "A"	
COUNTY OR PARISH OF	Eddy	STATE OF	New Mexico

COPYRIGHT 1982 ALL RIGHTS RESERVED AMERICAN ASSOCIATION OF PETROLEUM LANDMEN, 4100 FOSSIL CREEK BLVD., FORT WORTH TEXAS 76137-2791 APPROVED FORM AAPL NO 610 1982 REVISED

BEFORE THE OIL CONVERSATION
COMMISSION
Santa Fe New Mexico
Exhibit No 4
Submitted by COG OPERATING LLC
Hearing Date February 28 2017

BEFORE THE OIL CONVERSATION DIVISION Santa Fe New Mexico Exhibit No 4 Submitted by COG Operating LLC Hearing Date May 4 2016



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1	
3	THIS AGREEMENT entered into by and betweenMarbob Energy Corporation
6	referred to as "Operator" and the signatory party or parties other than Operator sometimes bereauafter referred to individually here as Non-Operator" and collectively as "Non-Operators"
7	WITNESSETH
9 10	
11	Exhibit A and the parties hereto have reached an agreement to explore and develop these leases and/or oil and gas interests for the
12 13	production of oil and gas to the extent and as heremafter provided,
14 15	NOW THEREPORE, at as agreed as follows:
16	ARTICLE L
17	DEFINITIONS
19	As used in this agreement, the following words and terms shall have the meanings here ascribed to them:
20	A. The term oil and gas" shall mean oil, gas, casinghead gas, gas condensate, and all other liquid or gaseous hydrocarbon
21 22	and other marketable substances produced therewith, unless an intent to limit the inci siveness 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 lan
23	• •
24 25	C. The term oil and gas interests" shall mean unleased fee and mineral inte ests in tracts of land lying within the Comment Area which are owned by parties to this agreement.
26	D The term "Contract Area shall mean all of the lands, oil and gas leasehold interest, and oil and gas interests intended to be
27 28	developed and operated for oil and gas purposes under this agreement. Such lands, oil and gas I eschold interests and oil and gas interest are described in Exhibit A
29	E. The term drilling unit shall mean the area fixed for the drilling of one well by order or rule of any state of
30 31	federal body hasing authority if a drilling unit as not fixed by any such rule or order a drilling uset 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.
32	F The term drilliste" shall mean the oil and gas lease or interest on which a proposed well is to be located.
33 34	G The terms "Drilling Party" and Consenting Party" shall mean a party who agrees to jost in and pay its share of the cost of any operation conducted under the provisions of this agreement.
35	If The terms "Non-Drilling Party" and Non-Consenting Party shall mean a party who elects not to participate
37	na a proposed operation.
18 19	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.
10	angum and the sector Beacher introduced and transferring and the sections.
i] i2	ARTICLE II. EXHIBITS
13	RAILLA IS
14 15	The following exhibits, as indicated below and attached hereto, are incorporated in and made a part hereof A. Linibit A. Shall include the following information:
16	(1) Identification of lands subject to this agreement
17	(^) Restrictions, if any as to depths, formations or substances, (3) Percentages or fractional interests of parties to this agreement
9	(4) Orl and gas leases and/or oil and gas interests subject to this agreement,
i0	(5) Addresses of parties for notice purposes. B Exhibit *B Form of Lease.
2	C. Exhibit "C Accounting Procedure.
3	
3	F Exhibit "F" Non-Discrimination and Certification of Non-Segregated Facilities.
6	G Exhibit 'G Tax Partnership if any provision of any exhibit, except Exhibits E" and "G" is increasistent with any provision contained in the body
	of this agreement, the provisions in the body of this agreement shall prevail
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ARTICLE III. 2 INTERESTS OF PARTIES 4 A. Oil and Gas Interests: If any party owns an oil and gas interest in the Contract Area, that interest shall be treated for all purposes of this agreement 7 and during the term bereof as if it were covered by the form of oil and gas lease attached hereto as Exhibit "B" and the owner thereof 8 shall be deemed to own both the royalty interest reserved in such lease and the interest of the lessee thereunder 10 B. Interests of Parties in Costs and Production: 11 Unless changed by other provisions, all costs and liabilities incurred in operations under this agreement shall be borne and 13 paid, and all equipment and materials acquired in operations on the Contract Area shall be owned, by the parties as their interests are set 14 forth to Exhibit A In the same manner the parties shall also own all production of oil and gas from the Contract Area subject to the 15 payment of royalties to the extent of_ 1/6 which shall be borne as beremafter set forth. 16 Regardless of which party has contributed the lease(s) and/or oil and gas interest(s) hereto on which royalty is due and 18 payable, each party entitled to receive a share of production of oil and gas from the Contract Area shall bear and shall pay or deit or or 19 cause to be paid or delivered, to the extent of its interest at such production the royalty amount stipulated heremabove and shall hold the 20 other parties free from any liability therefor No party shall ever be responsible, however on a price basis higher than the price received 21 by such party to any other party s lessor or royalty owner and if any such other party s lessor or royalty owner should demand and 22 receive settlement on a higher price basis, the party contributing the affected lease shall bear the additional royalty burden attributable to 23 such higher price. 24 25 Nothing contained in this Article III B shall be deemed an assignment or cross-assignment of interests covered hereby 26 27 C. Excess Royalties, Overriding Royalties and Other Payments 28 29 Unless changed by other provisions, if the interest of any party in any lease covered hereby is subject to any royalty 30 overriding royalty production payment or other burden on production in excess of the amount simulated in Article III.B such party so 31 burdened shall assume and alone bear all such excess obligations and shall indemnify and hold the other parties hereto harmless from any 32 and all claims and demands for payment asserted by owners of such excess burden. 33 ta D Subsequently Created Interests: 35 If any party should hereafter create an overriding royalty production payment or other burden payable out of production 37 attributable to its working interest hereunder or if such a burden existed prior to this agreement and is not set forth in Exhibit A or 38 was not disclosed in writing to all other parties prior to the execution of this agreement by all parties, or is not a jointly acknowledged and 39 accepted obligation of all parties (any such interest being heremafter referred to as subsequently created interest" irrespective of the 40 timing of its creation and the party out of whose working interest the subsequently created interest is derived being hereinafter referred 41 to as burdened party"), and: 42 I If the burdened party is required under this agreement to assign or relinquish to any other party or parties, all or a portion 43 of its working interest and/or the production attributable thereto said other party or parties, shall receive said assignment and/or 44 production free and clear of said subsequently created interest and the burdened party shall indemnify and save said other party 45 or parties, harmless from any and all claims and demands for payment asserted by owners of the subsequently created naterest; 46 47 48 2 If the burdened party fails to pay when due, its share of expenses chargeable hereunder all provisions of Article VII.B shall be 49 enforceable against the subsequently created enterest i the same manner as they are enforceable against the working interest of 50 51 the burdened party 52 ARTICLEIV 53 TITLES 54 55 56 A. Title Examination: Title examination shall be made on the drilliste of any proposed well prior to commencement of drilling operations or if 58 59 the Driling Parties so request, into examination shall be made on the leases and/or oil and gas interests included, or planned to be includ-60 ed, in the drilling unit around such well The opinion will include the ownership of the working interest, numerals, royalty overriding 61 royalty and production payments under the applicable leases. At the time a well is proposed, each party contributing leases and/or oil and 62 gas interests to the drilliste, or to be meladed in such drilling unit, shall furnish to Operator all abstracts (including federal lease status 63 reports), tule opinions, title papers and curative material in its possession free of charge. All such information not in the possession of or 64 made available to Operator by the parties, but necessary for the examination of the title, shall be obtained by Operator Operator shall 65 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 66 hereto. The cost incurred by Operator in this title program shall be borne as follows: 68 Dogwon No. 1. Costs incurred by Operator in procuring abstracts and title examination (including preliminary supplemental.

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69 shut-in gas royalty opinious and division order tute opinious) shall be a part of the administrative overhead as provided in Exhibit "C"

70 and shall not be a direct charge, whether performed by Operator's staff attorneys or by outside attorneys.

ARTICLE IV continued

1 2 Oction No. 2. Costs incurred by Operator in procuring abstracts and fees paid outside attorneys for title examination (including prelummary 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 Ordling Party bears to the total unterest of all Ordling Parties as such interests appear in Ex hibit 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 an connection with leases or oil and gas interests contributed by such party. Operator shall be responsible for the preparation and recording of pooling designations or declorations as well as the conduct of hearings before governmental agencies for the accuring of spacing or pooling orders. 10 This shall not prevent any party from appearing on its own behalf at any such hearing.

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No well shall be drilled on the Contract Area until after (1) the title to the drilleste or drillest unt has been examined as above 13 pro ided, and (2) the title has been approved by the examining attorney or title has been accepted by all of the parties who are to par-14 troupate in the drilling of the well.

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16 B. Loss of Title:

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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 exterest from that shown on Exhibit A the party contributing the affected lease or interest shall have innety (90) days from final determination of title fathere to acquire a new lease or other instrument curing the entirety of the title fathere, which acquire 21 tion will not be subject to Article VIII B. and failing to do so, this agreement, nevertheless, shall continue in force as to all remaining oil 22 and gas leases and interests; and, (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 or operating costs which it may have theretofore pand or incurred, 25 but there shall be no additional hability on its part to the other parties hereto by reason of such title failures

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

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

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

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(e) Any lability to account to a third party for prior production of ell and gas which arises by reason of inte failure shall be 38 borne by the party or parties whose title falled in the same proportions in which they shared in such prior production, and,

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

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

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

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

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

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

1	ARTICLE V
3	OPERATOR
4	A. Designation and Responsibilities of Operator
6	Marbob Energy Corporation shall be the
	Operator of the Contract Area, and shall conduct and direct and have full control of all operations on the Contract Area as permitted and
_	required by and within the limits of this agreement. It shall conduct all such operations in a good and workmanlike manner but it shall have no liability as Operator to the other parties for losses sustained or liabilities incurred, except such as may resalt from gross
	negligence or willful misconduct.
12 13	B. Resignation or Removal of Operator and Selection of Successor
14	I Resupration or Removal of Operator: Operator may resign at any time by giving written notice thereof to Non-Operators
	If Operator terminates ats legal existence, no longer owns an interest hereunder in the Contract Area, or is no longer capable of serving as
	Operator Operator shall be deemed to have resigned without any action by Non-Operators, except the selection of a successor Operator may be removed if it fails or refuses to carry out its duties hereunder or becomes insolvent, bankrupt or is placed in receivership, by the
	affirmative vote of two (2) or more Non-Operators owning a majority interest based on ownership as shown on Exhibit A remaining
	after excluding the voting interest of Operator Such resignation or removal shall not become effective until 7:00 o clock A.M. on the
	first day of the calendar month following the expiration of runety (90) days after the giving of notice of resignation by Operator or action
	by the Non-Operators to remove Operator unless a successor Operator has been selected and assumes the duties of Operator at an earlier
	date. Operator after effective date of resignation or removal shall be bound by the terms hereof as a Non-Operator A change of a con- porate name or structure of Operator or transfer of Operator's interest to any single subsidiary parent or successor corporation shall not
	be the basis for removal of Operator
5	·
6	2. Selection of Successor Operator: Upon the resignation or removal of Operator a successor Operator shall be selected by
	the parties. The successor Operator shall be selected from the parties owning an interest in the Contract Area at the time such successor Operator is selected. The successor Operator shall be selected by the affirmative vote of two (2) or more parties owning a majority interest
	based on ownership as shown on Exhibit A. provided, however of an Operator which has been removed fails to vote or votes only to
	succeed stealf the successor Operator shall be selected by the afformative vote of two (2) or more parties owning a majority interest based
	on ownership as shown on Exhibit A remaining after excluding the voting interest of the Operator that was removed.
2	C. Employees:
4	C. Employees
5	The number of employees used by Operator in conducting operations hereunder their selection, and die hours of labor and the
	compensation for services performed shall be determined by Operator and all such craployees shall be the employees of Operator
7 8	D. Drilling Contracts
9	S. Deminis Contracts
0	All wells drilled on the Contract Area shall be drilled on a competitive contract basis at the usual extes prevailing in the area. If it so
	desires. Operator may employ its own tools and equipment in the drilling of wells, but its charges therefor shall not exceed the prevailing rates in the area and the rate of such charges shall be agreed upon by the parties in writing before drilling operations are commenced, and
	rates in the area and the rate or such charges shall be agreed upon by the parties in writing better defining operations are continued out the same terms and conditions as are customery and usual in the area in contracts of in-
	dependent contractors who are doing work of a similar nature.
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9	ARTICLE VL
0	drilling and development
2	A. Initial Well.
3 4	On or before the 1st day of August 6000 Operator shall commence the drilling of a well for
-	No. A control of the Property of the Control of the
6	out end gas at the following location. A legal location in Section 4, T265, R28E Eddy County New Mexico
, B	and shall thereafter continue the drilling of the well with due diligence to
9	sufficiently test the Bone Spring formation
0	
l	unless granite or other practically improcerable substance or condition in the hole, which renders further drilling impractical, is en-
	unices granuto or other practically imponentative succentres or continuous in the store, which i control of the
4	
5	Operator shall make reasonable tests of all formations encountered during drilling which give indication of contaming oil and
6	gas in quantities sufficient to test, unless this agreement shall be immted in its application to a specific formation or formations, in which event Operator shall be required to test only the formation or formations to which this agreement may apply
•	eacus Abcustos, sussi ne technica so nest cust and cue transmission on autra cus affacement mail abbas

A.A.P.L. FORM 610 MODEL FORM OPERATING AGREEMEN ARTICLE VI

continued

If in Operator's judgment, the well will not produce oil or gas in paying quantities, and it wishes to plug and abandon the 2 well as a dry hole, the provisions of Article VLE 1 shall thereafter apply

6 B. Subsequent Operations:

I Proposed Operations: Should any party hereto desire to drill any well on the Contract Area other than the well provided 9 for m Article VI.A or to rework, deepen or plug back a dry hole drilled at the joint expense of all parties or a well jointly owned by all 10 the parties and not then producing in paying quimities, the party desiring to drill rework, deepen or plug back such a well shall give the 11 other parties written notice of the proposed operation, specifying the work to be performed, the location, proposed depth, objective forma 12 too and the estimated cost of the operation. The parties receiving such a notice shall have thirty (30) days after receipt of the notice 13 within which to notify the party wishing to do the work whether they elect to participate in the cost of the proposed operation. If a dnil-14 mg rig is on location, notice of a proposal to rework, plug back or drill deeper may be given by telephone and the response period shall be 15 Insuted to forty-eight (48) hours, exclusive of Saturday Sunday and legal holidays. Failure of a party receiving such notice to reply within 16 the period above fixed shall constitute an election by that party not to participate in the cost of the proposed operation. Any notice or 17 response given by telephone shall be promptly confirmed in writing

If all parties elect to participate in such a proposed operation, Operator shall, within minety (90) days after expuration of the notice 22 period of thirty (30) days (or as promptly as possible after the expiration of the forty-eight (48) hour period when drilling rig is on loca 23 tion, as the case may be), actually commence the proposed operation and complete it with due diligence at the risk and expense of all par-24 uses hereic; provided, however said commencement date may be extended upon written notice of same by Operator to the other parties, 25 for a period of up to thirty (30) additional days of, in the sole opinion of Operator such additional time is reasonably necessary to obtain 26 permits from governmental authorities, surface rights (including rights-of way) or appropriate drilling equipment or to complete title ex 27 ammentum or curative matter required for title approval or acceptance. Notwithstanding the force majeure provisions of Article XI, if the 28 actual operation has not been commenced within the time provided (including any extension thereof as specifically permitted here:) and 29 If any party hereto still desires to conduct and operation, written notice proposing same must be resubmitted to the other parties in accor-30 dance with the provisions hereof as if no prior proposal had been made.

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2. Operations by Less than All Parties: If any party receiving such notice as provided in Article VLB.1 or VILD (Option 35 No. 2) elects not to participate in the proposed operation, then, in order to be entitled to the benefits of this Article, the party or parties 36 giving the notice and such other parties as shall elect to participate in the operation shall, within numery (90) days after the expansion of 37 the source period of thirty (30) days (or as promptly as possible after the expussion of the forty-eight (48) hour period when a drilling rig is 38 on location, as the case may be) actually commence the proposed operation and complete it with due diligence. Operator shall perform all 39 work for the account of the Consenting Parties; provided, however if no drilling rig or other equipment is on location, and if Operator is 40 a Non-Consenting Party the Consenting Parties shall either (a) request Operator to perform the work required by such proposed opera-41 tion for the account of the Consenting Parties, or (b) designate one (1) of the Consenting Parties as Operator to perform such work. Con 42 senting Parties, when conducting operations on the Contract Area pursuant to this Article VLB.2., shall comply with all terms and con-43 ditions of this agreement

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If fess than all parties approve any proposed operation, the proposing party immediately after the expiration of the applicable 48 notice period, shall advise the Consenting Parties of the total interest of the parties approving such operation and its recommendation as 49 to whether the Consenting Parties should proceed with the operation as proposed. Each Consenting Party within forty-eight (48) hours 50 (exclusive of Saturday, Sunday and legal holidays) after recent of such notice, shall advese the proposing party of its desire to (a) limit par-51 tecipation to such party a interest as shown on Exhabit A or (b) carry its proportionate part of Non-Consenting Parties interests, and 52 failure to advise the proposing party shall be deemed an election under (a) in the event a drilling rig is on location, the time permitted for 53 such a response shall not exceed a total of forty-eight (48) hours (<u>nechasive</u> of Saturday Sunday and legal holidays) The proposing party 54 at its election, may withdraw such proposal if there is insufficient participation and shall promptly notify all parties of such decision.

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The entire cost and risk of conducting such operations shall be borne by the Consenting Parties in the proportions they have 59 elected to bear some under the terms of the preceding paragraph. Consenting Parties shall keep the leasehold estates involved in such 60 operations free and clear of all liens and enoumbrances of every kind created by or arising from the operations of the Consenting Parties. 61 If such an operation results in a dry hole, the Connecting Parties shall plug and abundon the well and restore the surface location at their 62 sole east, risk and expense. If any well drilled, reworked, deepened or plugged back under the provisions of this Article results in a pro-63 ducer of oil and/or gas in paying quantities, the Consenting Parties shall complete and equip the well to produce at their sole cost and risk,

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ARTICLE VI continued

1 and the well shall then be turned over to Operator and shall be appeared by at at the expense and for the account of the Consenting Par 2 ties. Upon commencement of operations for the drilling, reworking, deepening or plugging back of any such well by Consenting Parties 3 in accordance with the provisions of this Article, each Non-Conserving Party shall be deemed to have relinquished to Consenting Parties, 4 and the Consenting Parties shall own and be entitled to receive, in proportion to their respective interests, all of such Non-Consenting 5 Party s unterest in the well and share of production therefrom until the proceeds of the sale of such share, calculated at the well, or 6 market value thereof if such share is not sold, (after deducting production taxes, excise taxes, royalty overriding royalty and other in 7 terests not excepted by Article III.D payable out of or measured by the production from such well accruing with respect to such interest 8 until it reverts) shall equal the total of the following:

10 11 12

(a) 200% of each such Non-Consenting Party s share of the cost of any newly acquired surface equipment beyond the wellhead 13 connections (including, but not limited to, stock tanks separators, treaten pumping equipment and piping) plus 200% of each such 14 Non-Consenting Party s share of the cost of operation of the well commencing with first production and continuing until each such Non [5] Consenting Party's relinquished interest shall revert to it under other pr visions of the Article, it being greed that each Non-16 Consenting Party's abare of such costs and equipment will be that interest which would have been chargeable to such Non-Consenting 17 Party had it participated in the well from the beamning of the operations; and

18 19 20

(b) 500 % of that portion of the costs and expenses of drilling, reworking, deepening, plugging back testing and completing. 22 after deducting any cash contributions received under Article VIII.C and ______ % of that portion of the cost of newly acquired equip-23 ment in the well (to and including the wellhead connections), which would be a been chargeable to such Non-Consent ng Party if it had 24 participated therein.

See first paragraph of Page 6a

An ejection not to participate in the drilling or the deepening of a well shall be deemed an electron not to participate in any re-29 working or plugging back operation proposed in such a well or portion thereof to which the mattal Non-Consent election applied that is 30 conducted at any time prior to full recovery by the Consenting Parties of the Non-Consenting Party's recoupment account. Any such 34 reworking or plugging back operation conducted during the recoupment period shall be deemed part of the cost of operation of said well 32 and there shall be added to the sums to be recouped by the Consenting Parties one hundred pacent (100%) of that portion of the costs of 33 the reworking or plugging back operation which would have been chargeable to such Non-Con-enting Porty had it participated therein. If 34 such a reworking or plugging back operation is proposed during such recoupment period, the pri visions of this Article VI.B shall be ap-35 plicable as between said Consenting Parties in said well.

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See second paragraph of Page 6a

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During the period of time Consenting Parties are emitted to receive Non-Consenting Party's share of production or the 40 proceeds therefrom, Consenting Parises shall be responsible for the payment of all production, severance, oxcuse, gathering and other 41 ta es, and all royalty overriding royalty and other burdens applicable to Non-Consenting Party s share of production not excepted by Ar 42 ticle III.D

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In the case of any reworking, plugging back or deeper drilling operation, the Consenting Parties shall be permitted to use, free 47 of cost, all casing, tubing and other equipment in the well but the ownership of all such equipment shall remain unchanged, and upon 48 abandonment of a well after such reworking, plugging back or deeper drilling, the Consenting Parties shall a securit for all such equip-49 ment to the owners thereof with each party receiving its proportionate part in kind or in value, less cost of salvage.

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Withm suxty (60) days after the completion of any operation under this Article, the party conducting the operations for the 54 Consenting Parties shall farmish each Non-Consenting Party with an inventory of the equipment in and connected to the well and an 55 stemized statement of the cost of drilling, deepening, plugging back testing, completing, and equipping the well for production, or at its 56 option, the operating party in lieu of an iterated statement of such costs of operation, may submit a detailed statement of monthly bill-57 ungs. Each month thereafter during the time the Consentung Partners are being reimbursed as provided above, the party conducting the 58 operations for the Consenting Parties shall furnish the Non-Consenting Parties with an itemized statement of all costs are liabilities in-59 curred in the operation of the well, together with a statement of the quantity of oil and gas produced from it and the amount of proceeds 60 realized from the sale of the well's working interest production during the preceding month. In determining the quantity of all and gas 64 produced during any month, Consessing Parties shall use utdustry accepted methods such as, but not limited to, surtering or periodic 62 well tests. Any amount realized from the sale or other disposition of equipment newly acquired in connection with any such operation 63 which would have been owned by a Non-Consenting Party had at participated therein shall be credited against the total unreturned costs 64 of the work done and of the equipment purchased in determining when the interest of such Non-Consenting Party shall revert to it as 65 above provided; and if there is a credit balance, it shall be paid to such Non-Consenting Party

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See third paragraph of Fage 6a

ARTICLE VI

Notwithstanding any language under Article VI.B. to the contrary in any well in which a completion attempt
may be made at more than one depth, each party who participated in the initial operations hereto shall have the right to
make a separate election as to each interval in which a completion is proposed. Should a party hereto elect not to
participate in a completion attempt as to any one interval, then those parties who elect to participate in the completion
attempt as to that interval, shall in the proportions they have elected to bear share all costs risks and expenses of
such completion attempt. Any recoupment of said expenses shall be made solely from the production attributable to
that interval.

Gas production attributable to any Non-Consenting Party's relinquished interest upon such Party election shall be sold to its purchaser if available, under the terms of its existing gas sale contract. Such Non-Consenting Party shall direct its purchaser to remit the proceeds receivable from such sale direct to the Consenting Parties until the amounts provided for in this Article are recovered from the Non-Consenting Parties relinquished interest. If such Non-II Consenting Party has not contracted for sale of its gas at the time such gas is available for delivery or has not made the election as provided above, the Consenting Parties shall own and be entitled to receive and sell such Non-Consenting Party's share of gas as hereinabove provided during the recoupment period

Notwithstanding any provisions to the contrary in this or any other agreement, a Non-Consenting Party upon notice in the writing to Operator and/or any party carrying all or part of the non-consenting interest shall have the right at all times and from time to time within two (2) years of the data it received notice that payout has occurred to audit or Operator's and/or carrying party's accounts and records relating to or connected with its operations on the Contract are or on land pooled therewith regardless of when such operations were conducted.

ARTICLE VI continued

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

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

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

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

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

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

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

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

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65 C. TAKING PRODUCTION IN KIND:

have the right to

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

A A.P L. FORM 610 MODEL FORM OPERATING AGREEMENT 1982 ARTICLE VI continued

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

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

In the event any party shall fail to make the arrangements necessary to take in kind or separately dispose of its proportionate share of 8 the oil produced from the Contract Area, Operator shall have the right, subject to the revocation at will by the party owning 11, but not 9 the obligation, to purchase such oil or sell it to others at any time and from time to time, for the account of the non-taking party at the 10 best price obtainable in the area for such production. Any such purchase or sale by Operator shall be subject always to the right of the 11 owner of the production to exercise at any time its right to take in kind, or separately dispose of, its share of all oil not previously 12 delivered to a purchaser Any purchase or sale by Operator of any other party a share of oil shall be only for such reasonable periods of 13 time as are consistent with the manimum needs of the industry under the particular circumstances, but in no event for a period in excess 14 of one (1) year

in the event one or more parties' separate disposition of its share of the gas causes split-stream delivenes to separate pipelines and/or 17 delivenes which on a day-to-day basis for any reason are not exactly equal to a party a respective proportionate share of total gas sales to 18 be allocated to it, the balancing or accounting between the respective accounts of the parties shall be in accordance with any gas balancing 19 agreement between the parties hereto, whether such an ogreement is attached as Exhibit E" or is a separate agreement

**See Below

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21 D Access to Contract Area and Information

Each party shall he e access to the Contract Area at all reasonable times, at its sole cost and risk to inspect or observe operations, 24 and shall have access at reasonable times to information periaming to the development or peration thereof including Operator's books 25 and records relating thereto Operator upon request shall furnish each of the other parties with copies of all forms or reports filed with 26 governmental agencies, daily drilling reports, well logs, tank tables, daily gauge and cun tickets and reports of stock on hand at the first of 27 each month, and shall make available samples of any cores or cuttings taken from any well drilled on the Contract Area. The cost of 28 gathering and furnishing information to Non-Operator other than that specified above, shall be charged to the Non-Operator that re-29 quests the Information.

31 E. Abandonment of Wells-

- I Abandomment of Dry Hotes: Except for any well drilled or deepened pursuant to Article VI B.2 any well which has been 34 drilled or deepened under the terms of this agreement and is proposed to be completed as a dry hole shall not be plugged and abandoned without the consent of all parties. Should Operator after diligent effort, be unable to contact any party or should any party fail to reply 36 within forty-eight (48) hours (exclusive of Saturday Sunday and legal holidays) after receipt of notice of the proposal to plug and abandon 37 such well, such party shall be deemed to have consented to the proposed abandonment. All such wells shall be plugged and abandoned in 38 accordance with applicable regulations and at the cost risk and expense of the parties who participated in the cost of drilling or deepening 39 such well Any party who objects to plugging and abandoning such well shall have the right to take over the well and conduct further 40 operations in search of oil and/or gas subject to the provisions of Article VI B.
- 2. Abandonment of Wells that have Produced: Except for any well in which a Non-Coasent operation has been conducted 43 bereunder for which the Consening Parties have not been fully reimbursed as herein provided any well which has been completed as a 44 producer shall not be plugged and abandoned without the consent of all parties. If all parties consent to such abandonment the well shall 45 be plugged and abandoned in accordance with applicable regulations and at the cost risk and expense of all the parties hereto. If within 46 thirty (30) days after receipt of notice of the proposed abandonment of any well all parties do not agree to the abandonment of such well 47 those wishing to continue its operation from the interval(s) of the formation(s) then open to production shall tender to each of the other 48 pastes at proportionate share of the value of the well a salvable material and equipment, determined in accordance with the provisions of 49 Exhibit "C" less the estimated cost of salvaging and the estimated cost of plugging and abandoning. Each abandoning party shall assign 50 the non-abandoning parties, without warranty express or amphed, as to title or as to quantity or fitness for use of the equipment and 51 meternal all of its interest in the well and related equipment, together with its interest in the leasehold estate as to, but only as to the m-52 terval or intervals of the formation or formations then open to production. If the interest of the abandouing party is or includes an oil and 53 gas interest such party shall execute and deliver to the non-abandoming party or parties an oil and gas losse, lumited to the interval or in-54 tervals of the formation or formations then open to production, for a term of one (1) year and so long thereafter as oil and/or gas is pro-55 duced from the interval or intervals of the formation or formations oo ered thereby such lease to be on the form attached as Exhibit

^{57 ***}Notwithstanding any provision to the contrary to this or any other agreement each party shall have the right at all 58 times and from time to time, upon written notice to audit all of taking party and/or operator's records and accounts 59 related to or in connection with production or allocation of production from the contract area. Auditing of settlement 60 records shall also be applicable if taking party and/or operator distributes proceeds to the auditing party

A.A.P L. FORM 610 Model form operating agreement 1982

ARTICI R VI continued

I B" The assignments or leases so limited shall encompass the drilling unit upon which the well is located. The payments by and the 2 assignments or leases to, the assignees shall be in a ratio based upon the relationship of their respective percentage of participation in the 3 Commet Area to the aggregate of the percentages of participation in the Contract Area of all assignees. There shall be no readjustment of 4 interests in the remaining portion of the Contract Area.

Thereafter abandoning parties shall have no further responsibility hability 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 re-8 quest Operator shall continue to operate the assigned well for the account of the non-abandoning parties at the rates and charges con-9 templated by thus agreement, plus any additional cost and charges which may arise as the result of the separate ownership of the assigned 10 well. Upon proposed abandonment of the producing interval(s) assigned or leased, the assignor or lessor shall then have the option to 11 repurchase its prior interest in the well (using the same valuation formula) and participate in further operations therein subject to the pro-12 visions hereof

3 Abandonment of Non-Consent Operations: The provisions of Article VI E.1 or VI.E.2 above shall be applicable as between 15 Consenting Parties in the event of the proposed abandonment of any well excepted from said Articles; provided however no well shall be 16 permanently plugged and abundoned unless and until all parties having the right to conduct further operations therein have been notified 17 of the proposed abundonment and afforded the opportunity to elect to take over the well in accordance with the provisions of this Article 18 VI E.

ARTICLE VII. EXPENDITURES AND LIABILITY OF PARTIES

23 A. Liability of Parties

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The liability of the parties shall be several not joint or collective. Each party shall be responsible only for its obligations, and 26 shall be liable only for its proportionate share of the costs of developing and operating the Contract Area. Accordingly the liens granted 27 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 28 shall this agreement be construed as creating, a mining or other partnership or association, or to render the parties hable as partners.

30 B. Liens and Payment Defaults:

Each Non-Operator grants to Operator a lien upon its oil and gas rights in the Contract Aren, and a security interest in its share 33 of oil and/or gas when extracted and its interest mall equipment, to secure payment of its share of expense, together with interest thereon 34 at the rate provided in Exhibit "C" To the extent that Operator has a security interest under the Uniform Commercial Code of the 35 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 ob-36 taming of judgment by Operator for the secured indebtedness shall not be deemed an election of remedies or otherwise affect the item 37 regits or security interest as security for the payment thereof. In addition, upon default by any Non-Operator in the payment of its share 38 of expense, Operator shall have the right, without prejudice to other rights or remedies, to collect from the purchaser the proceeds from 39 the sale of such Non-Operator's share of oil and/or gas until the amount owed by such Non-Operator plus merest, has been paul. Each 40 purchaser shall be entitled to rely upon Operator's written statement concerning the amount of any default. Operator grants a like lien 41 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 44 Operator the non-defaulting parties, including Operator shall, upon request by Operator pay the unpaid amount in the proportion that 45 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 46 resimbersement thereof be subrogated to the security rights described in the foregoing paragraph.

48 C. Payments and Accounting

Except as herein otherwise specifically provided, Operator shall promptly pay and discharge expenses meatred in the development and operation of the Contract Area pursuant to this agreement and shall charge each of the parties hereto with their respective proper-52 tionate shares upon the expanse basis provided in Exhabit "C" Operator shall keep an accounte record of the joint account bereinder 53 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 56 of their respective shares of the estimated amount of the expense to be incurred in operations hereunder during the next succeeding 57 month, which right may be exercised only by submission to each such party of an itemized statement of such estimated expense, together 58 with no myoice for its share thereof. Each such statement and invoice for the payment in advance of estimated expense shall be submitted 59 on or before the 20th day of the next preceding month. Each purty shall pay to Operator its proportunate share of such estimate within 60 fifteen (15) days after such estimate and invoice is received. If any party fails to pay its share of said estimate within and time, the amount 61 due shall bear interest as provided in Exhibit "C" until paid. Proper adjustment shall be made monthly between advances and actual ex 62 pense to the end that each party shall bear and pay its proportionate share of actual expenses incurred, and no more.

64 D. Limitation of Expanditures:

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

ARTICLE VII

1 D Option No. 1. All necessary expenditures for the drilling or deepening, testing, completing and equipping of the well, including 2 necessary tankage and/or surface facilities. 4 El Option No. 2. All necessary expenditures for the drilling or deepening and testing of the well. When such well has reached its 5 authorized depth, and all tests have been completed, and the results thereof familiated to the parties, Operator shall give immediate notice 6 to the Non-Operators who have the right to participate in the completion costs. The parties receiving such notice shall have forty-eight 7 (48) hours (exclusive of Saturday Sunday and legal holidays) to which to elect to participate in the acting of casing and the completion at 8 tempt. Such election, when made, shall include consent to all necessary expenditures for the completing and equipping of such well, in 9 cluding necessary tankage and/or surface facilities. Failure of any party receiving such actics to reply within the period above fixed shall 10 constitute an election by that party not to participate in the cost of the completion attempt. If one or more, but less than all of the parties, Il elect to set pipe and to attempt a completion, the provisions of Article VLB.2. hereof (the plurass "reworking, deepening or plurasing 12 back" as contained in Article VI.B.2 shall be deamed to include "completing") shall apply to the operations thereafter conducted by less 14 15 2 Rework or Plan Back: Without the consent of all parties, no well shall be reworked or plugged back except a well reworked or 16 plugged back pursuant to the provisions of Article VI.B.2 of this agreement. Consent to the reworking or plugging back of a well shall 17 include all necessary expenditures in conducting such operations and completing and equipping of said well, including necessary tankage 18 and/or surface facilities 10 20 3 Other Operations: Without the consent of all parties, Operator shall not undertake any single project reasonably estimated 21 to require an expenditure in excess of __ twenty-five thousand Dollars (\$ 22 except in connection with a well, the drilling, reworking, deepening, completing, recompleting, or phigging back of which has been 23 previously authorized by or pursuant to this agreement; provided, however that, in case of explosion, fire, flood or other sudden 24 emergency whether of the same or different nature, Operator may take such steps and incur such expenses as in its opinion are required 25 to deal with the emergency to safeguard life and property but Operator as promptly as possible, shall report the emergency to the other 26 parties. If Operator prepares an authority for expenditure (AFE) for its own use, Operator shall furnish any Non-Operator so requesting 27 an information copy thereof for any single project costing in excess of ____ 28 Dollars (S 15,000,00) but less than the amount first set forth above in this paragraph. 30 E. Rentals, Shut-I Well Payments and Minimum Royalties: 31 Rentals, shut-in well payments and minimum royalities which may be required under the terms of any lease shall be paid by the 32 33 party or parties who subjected such lease to this agreement at its or their expense. In the event two or more parties own and have con-34 tributed interests in the same lease to this agreement, such parties may designate one of such parties to make said payments for and on 35 behalf of all such parties. Any party may request, and shall be entitled to receive, proper evidence of all such payments. In the event of 36 failure to make proper payment of any rental, shut-in well payment or annumum royalty through mistake or oversight where such pay 37 ment is required to continue the lease in force, any loss which results from such non-payment shall be bonne in accordance with the pro-38 visious of Article IV B.2. 39 Operator shall notify Non-Operator of the anticipated completion of a shut-in gas well or the shutting in or return to production 40 41 of a producing gas well, at least five (5) days (excluding Saturday Sunday and legal holidays) or at the earliest opportunity permitted by 42 carcumstances, prior to taking such action, but assumes no liability for failure to do so. In the event of failure by Operator to so aoutly 43 Non-Operator the loss of any lease contributed hereto by Non-Operator for failure to make timely payments of any shut-in well payment 44 shall be borne jointly by the parties hereto under the provisions of Article IV.B.3 46 F Taxes 47 Beginning with the first calendar year after the effective date hereof, Operator shall render for ad valorem taxation all property 49 subject to this agreement which by law should be rendered for such taxes, and it shall pay all such taxes assessed thereon before they 50 become delinquent. Prior to the rendition date, each Non-Operator shall furnish Operator information as to burdens (to include, but not 51 be limited to, royalties, overriding royalties and production payments) on leases and oil and gas interests contributed by such Non-52 Operator If the assessed valuation of any leasehold estate is reduced by reason of its being subject to outstanding excess royalities, over 53 rading royalties or production payments, the reduction in ad valorem taxes resulting therefrom shall intro to the benefit of the owner or \$4 owners of such lesschold estate, any Operator shall adjust the charge to such owner or owners as as to reflect the benefit of such reduc 55 tron. If the ad valorem taxes are based in whole or in part upon separate valuations of each party a working interest then notwithstanding 56 anything to the contrary herein, charges to the joint account shall be made and paid by the parties hereto in accordance with the tax 57 value generated by each party's working interest. Operator shall bill the other parties for their proportionate shares of all tax payments in 58 the manner provided in Exhibit "C" 59 If Operator considers any tax assessment improper Operator may at its discretion, protest within the time and manner 61 prescribed by law and prosecute the protest to a final determination, unless all parties agree to abondon the protest prior to final deter-62 munition. During the pendency of administrative or judicial proceedings, Operator may elect to pay under protest, all such taxes and any 63 interest and ponalty When any such protest-of assessment shall have been finally determined, Operator shall pay the tax for the joint ac-64 count, together with any interest and penalty recrued, and the total cost shall then be assessed against the parties, and be paid by them, as 65 provided in Exhibit "C" Each party shall pay or cause to be paid oil production, severance, excise, gathering and other taxes imposed upon or with respect 67

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68 to the production or handling of such party 8 share of oil and/or gas produced under the terms of this agreement.

ARTICLE VII continued

I G. Insurance:

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

In the event automobile public liability insurance is specified in said Exhibit "D" or subsequently receives the approval of the [1] parties, no direct charge shall be made by Operator for premiums paid for such assurance for Operator's automotive equipment.

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ARTICLE VIII.

ACQUISITION, MAINTENANCE OR TRANSFER OF INTEREST

16 A. Surrender of Leases:

The leases covered by this agreement, insofar as they embrace acreane in the Contract Area, shall not be surrendered in whole 19 or in part unless all parties consent thereto.

21 However should any party desire to surrender its interest in any lease or in any portion thereof, and the other parties do not 22 agree or consent thereto, the party desiring to surrender shall assign, without express or implied warranty of title, all of its interest in 23 such lease, or portion thereof, and ny well, material and equipment which may be located thereon and any rights in production 24 thereafter secured to the parties not consenting to such surrender. If the interest of the assigning party is or includes an oil and gas as 25 terest, the assigning party shall execute and deliver to the party or parties not consenting to such surrender an oil and gas lease covering 26 such oil and gas interest for a term of one (1) year and so long thereafter as oil and/or gas is produced from the land covered thereby such 27 lease to be on the form attached hereto as Exhibit B" Upon such assignment or lease, the assigning party shall be relieved from all 28 obligations thereafter accruing, but not theretofore accrued, with respect to the interest assigned or leased and the operation of any well 29 attributable thereto, and the assigning party shall have no further interest in the assigned or leased premises and its equipment and pro-30 duction other than the royalises retised in any lease made under the terms of this Article. The party assignee or lessee shall pay to the 31 party assignor or leasor the reasonable salvage value of the latter a interest in any wells and equipment attributable to the assigned or leas-32 ed acreage. The value of all material shall be determined in accordance with the provisions of Exhibit "C" tess the estimated cost of 33 salvaging and the estimated cost of phigging and abandoning. If the assignment or lease is in favor of more than one party the interest 34 shall be shared by such parties in the proportions that the interest of each bears to the total interest of all such parties.

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Any assignment, lease or surrender made under this provision shall not reduce or change the assignor s. lessor s or surrendering 37 party a interest as x was summediately before the assignment, lease or surrender in the balance of the Contract Area, and the acreage 38 assigned, leased or surrendered, and subsequent operations thereon shall not thereafter be subject to the terms and provisions of this 39 agreement

41 B. Renewal or Extension of Lauses:

If any party secures a renewal of any oil and gas lease subject to this agreement, all other parties shall be notified promptly and 44 shall have the right for a period of thirty (30) days following receipt of such notice in which to elect to participate in the ownership of the 45 renewal lease, insofar as such lease affects lands within the Contract Area, by paying to the party who acquired it their several proper pro-46 portionate shares of the acquisition cost allocated to that part of such lease within the Contract Area, which shall be in proportion to the 47 unterests held at that time by the parties in the Contract Area.

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If some, but less than all, of the parties elect to participate in the purchase of a renewal lease, a shall be owned by the parties 50 who elect to participate therein, in a ratio based upon the relationship of their respective percentage of participation in the Contract Area 51 to the aggregate of the percentages of participation in the Contract Area of all parties participating in the purchase of such renewal lease 52 Any renewal lease in which less than all parties elect to participate shall not be subject to this agreement

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Each party who participates in the purchase of a renewal lease shall be given an assignment / of its proportionate interest rein 55 by the acquiring party

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The provisions of this Article shall apply to renewal leases whether they are for the entire interest covered by the expiring lease 58 or cover only a purson of its area or an interest therein. Any renewal lease taken before the expursion of its predecessor lease, or taken or 59 contracted for within six (6) months after the expiration of the existing lease shall be subject to this provision, but any lease taken or con-60 tracted for more than aix (6) months after the examinon of an existing lease shall not be deemed a renewal lease and shall not be subject to 61 the provisions of this agreement.

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

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65 C. Acreage or Cash Contributions:

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While thus agreement is an force, if any party contracts for a contribution of cash towards the drilling of a well or any other 68 operation on the Contract Area, such contribution shall be pant to the party who conducted the drilling or other operation and shall be 69 annifold by it assumes the cost of such drilling or other operation. If the contribution be in the form of acreage, the party to whom the con-78 tribution is made shall promptly tender an assignment of the acreage, without warranty of tale, to the Drilling Parties in the proportions

ARTICLE VIII continued

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

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

9 D Maintenance of Uniform Interests:

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For the purpose of maintaining uniformity of ownership in the oil and gas leasthold interests covered by this agreement, no u 12 party shall sell, ensumber transfer or make other disposation of its interest in the leases embraced within the Contract Area and in wells, 13 equipment and production unless such disposition covers either

14 15 I the entire interest of the party in all leases and equipment and production; or

2. an equal undivided interest to 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 20 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 said owned by four or more co-owners, Operator at its discretion, may 23 require such co-owners to appoint a single trustee or agent with full authority to receive notices, approve expenditures, receive billings for 24 and approve and pay such party's share of the joint expenses, and to deal generally with and with power to bind, the co-owners of such 25 party a interest within the scope of the operations embraced in this agreement; however all such co-owners shall have the right to enter 26 unto and execute all contracts or agreements for the disposition of their respective shares of the oil and gas produced from the Contract 27 Area and they shall have the right to receive, separately payment of the sale proceeds thereof

29 E. Waiver of Rights 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 32 undivided interest in the Contract Area waives any and all rights it may have to partition and have set esids to it in severally its undivided 33 interest therein.

35 F. Preferential Right to Parch

Should any purty desire to sell all or any part of as inte 37 -38 Acce, a shall promptly give written astron to the other parties, with full inform norming its proposed sale, which shell used 39 mme and address of the prospective purchaser (who must be ready, willing and able to pu 40 of the offer. The other parties chall then have as optional prior right, for a period of ten (10) days after receipt of the action, to pu 41 on the same terms and conditions the interest which the other party proposes to cells and, if this optional right is a 42 mg parters deall share the parehased interest in the proportions that the meanst of each bears to the total interest of all purchases can uses where any party reclass to mortgage its interests, or to 43 time. However, there shall be no preferential right to purchase at these 44 dispece of its interests by margor, reorganization, compobilition, or cale of all or orbitanguity all of its except to a cubulary or mayor com-45 pany-or to a cubridgary 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 51 for profit between or among the parties hereto. Notwithstanding any provision berein that the rights and liabilities hereunder are several 52 and not foint or collective, or that this agreement and operations bereunder shall not constitute a partnership, if, for federal means tax 53 purposes, this agreement and the operations bereunder are regarded as a partnership, each party hereby affected elects to be excluded 54 from the application of all of the provisions of Subchapter K* Chapter 1 Subtitle A of the Internal Revenue Code of 1954 as per-55 matted and authorized by Section 761 of the Code and the regulations promulgated thereunder Operator is authorized and directed to ex 56 ecute on behalf of each party hereby affected such evidence of this election as may be required by the Secretary of the Treasury of the 57 United States or the Federal Internal Revenue Service, meluding specifically but not by way of limitation, all of the returns, statements, 58 and the data required by Federal Regulations 1 761 Should there be any requirement that each party hereby affected give further 59 evidence of this election, each such party shall execute such documents and furnish such other evidence as may be required by the 60 Federal Internal Revenue Service or as may be necessary to ovidence this election. No such party shall give any notices or take any other 61 action inconsistent with the election made hereby. If any present or future income tax laws of the state or states in which the Contract 62 Area is located or may fixture income tax laws of the United States contain provisions similar to those in Subchapter K" Chapter 1 63 Subutle A of the Internal Revenue Code of 1954 under which an election similar to that provided by Section 761 of the Code is per-64 muted, each party hereby affected shall make such election as may be permitted or required by such laws. In making the foregoing elec-65 tion, each such party states that the meame derived by such party from operations bereamder can be adequately determined without the 66 computation of partnership taxable racoms.

1 ARTICLEY 2 **CLAIMS AND LAWSUITS** Operator may settle any single mansured third party damage claim or suit arising from operations hereunder if the expenditure 5 does not exceed fifteen thousand 15,000 00) and if the payment is in complete settlement of such claim or suit. If the amount required for settlement ex 7 ceeds the above amount the parties hereto shall assume and take over the further handling of the claim or sust, unless such authority is 8 delegated to Operator All costs and expenses of handling, settling, or otherwise discharging such claim or suit shall be at the joint ex pense of the parties participating in the operation from which the claim or suit arises. If a chaim is made against any party or flaw party is 10 sued on account of any matter arising from operations hereunder over which such individual has no control because of the rights given 11 Operator by thus agreement, such party shall immediately notify all other parties, and the claim or suit shall be treated as any other claim 12 or suit involving operations hereunder 13 14 ARTICLE XI 15 FORCE MAJEURE 16 If any party is rendered unable, wholly or in part, by force majeure to carry out its obligations under this agreement, other than 18 the obligation to make money payments, that party shall give to all other parties prompt written notice of the force inajeure with 19 reasonably full particulars concerning it; thereupon, the obligations of the party giving the notice, so far as they are affected by the force 20 majeure, shall be suspending during, but no longer than, the continuance of the force majeure. The affected party shall use all reasonable 21 deligence to remove the force majeure situation as quickly as practicable. 77 23 The requirement that any force majeure shall be remodied with all reasonable dispatch shall not require the settlement of strikes, 24 lockouts, or other labor difficulty by the party involved, contrary to its wishes; how all such difficulties shall be handled shall be entirely 25 within the discretion of the party concerned. 27 The term force majeure as here employed, shall mean an act of God, strike lockout, or other industrial disturbance act of 28 the public enemy war blockade, public riot, lightning, fire, storm. flood, explosion, governmental action, governmental delay restimat 29 or inaction unavailability of equipment, and any other cause, whether of the kind specifically enumerated above or otherwise, which is 30 not reasonably within the control of the party claiming suspension. 31 32 ARTICLE XII 33 NOTICES 35 All notices authorized or required between the parties and required by any of the provisions of this agreement, unless otherwise 36 specifically provided shall be given in writing by mail or telegram, postage or charges prepaid, or by telex or telecopier and addressed to 37 the parties to whom the notice is given at the addresses listed on Exhibit A. The originating notice given under any provision hereof 38 shall be deemed given only when received by the party to whom such notice is directed, and the time for such party to give any notice in 39 response thereto shall run from the date the originating notice is received. The second or any responsive notice shall be deemed given 40 when deposited in the mail or with the telegraph company with postage or charges prepaid, or sent by telex or telecopier. Each party 41 shall have the right to change its address at any time, and from time to time, by giving written notice thereof so all other part es. 42 43 ARTICLE XIII. 44 TERM OF AGREEMENT 45 46 This agreement shall remain in full force and effect as to the oil and gas leases and/or oil and gas interests subject hereto for the 47 period of time selected below provided, however no party hereto shall ever be construed as having any right title or interest in or to any 48 lease or oil and gas interest contributed by any other party boyond the term of this agreement. 50 Oction No. 1. So long as any of the oil and gas leases subject to this agreement remain or are continued in force as to any part 51 of the Commet Area whether by production, extension, renewal, or otherwise. 53 🖸 Option No. 2. In the event the well described in Article VLA. or any subsequent well drilled under any provision of this 54 agreement, results in production of oil and/or gas on paying quantities, this agreement shall continue in force so long as any such well or 55 wells produce, or are capable of production, and for an additional period of ______180____ _ days from cessation of all production, provided. 56 however if, prior to the expiration of such additional period, one or more of the parties hereto are engaged in drilling, reworking, deepen-57 mg, plugging back, testing or attempting to complete a well or wells hercunder this agreement shall continue in force until such opera-58 tions have been completed and if production results therefrom, this agreement shall continue in force as provided herein. In the event the 59 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 60 of producing oil and/or gas from the Contract Area, this agreement shall terminate unless drilling, deepening, plugging back or rework 61 ing operations are commenced within ______ they from the date of abandonment of said well. It is nerred, however that the termination of this agreement shall not relieve any party hereto from any liability which has 63 64 accreed or attached prior to the date of such termination. 65 66 67 68 69

ARTICLE XIV 2 COMPLIANCE WITH LAWS AND REGULATIONS 3 4 A. Laws, Regulations and Orders 5 This agreement shall be subject to the conservation laws of the state in which the Contract Area is located, to the valid rules, 7 regulations, and orders of any duly constituted regulatory body of said state; and to all other applicable federal, state, and local laws, or 8 dinances, rules, regulations, and orders. 10 B. Governing Law 11 12 This agreement and all matters pertaming hereto including, but not limited to matters of performance, non-performance, breach 13 remedies procedures, rights, disties, and interpretation or construction, shall be governed and determined by the law of the state in which 14 the Contract Area is located. If the Contract Area is in two or more states, the law of the state of ____ New Mexico 15 shall govern. 16 17 C. Regulatory Agencies: 18 10 Nothing herein contained shall grant, or be construed to grant, Operator the right or authority to waive or release any rights, 20 privileges, or obligations which Non-Operators may have under federal or state laws or under rules, regulations or orders promulgated 21 under such laws in reference to oil, gas and numeral operations, unduding the location, operation, or production of wells, on tracts offset 22 ting or adjacent to the Contract Area. 23 With respect to operations hereunder Non-Operators agree to release Operator from any and all losses, damages, injuries, claims 25 and causes of action arising out of, incident to or resulting directly or indirectly from Operator's interpretation or application of rules, 26 rulings, regulations or orders of the Department of Energy or predecessor or successor agencies to the extent such interpretation or ap-27 plication was made in good faith. Each Non-Operator further agrees to reimburse Operator for any amounts applicable to such Non-28 Operator s share of production that Operator may be required to refined, refuse or pay as a result of such an accorrect interpretation or 29 application, together with interest and penalties thereon owing by Operator as a result of such incorrect interpretation or application. 30 31 Non-Operators authorize Operator to prepare and submit such documents as may be required to be submitted to the purchaser 32 of any crude oil sold hereunder or to any other person or entity pursuant to the requirements of the "Crude Oil Windfall Profit Tax Act 33 of 1980 as same may be amended from time to time ("Act"), and any valid regulations or rules which may be issued by the Treasury 34 Department from time to time pursuant to said Aci. Each party hereto agrees to furnish any and all certifications or other information 35 which is required to be furnished by said Act in a timely minner and in sufficient detail to permit compliance with said Act. 36 37 ARTICLE XV 38 OTHER PROVISIONS 39 40 41 A. Priority of Operations 42 Notwithstanding anything herein to the contrary it is agreed that when a well drilled under the terms of this Agreement shall have been drilled to the objective formation or depth and the parties participating in the well cannot mutually agrae upon the sequence and timing of further operations regarding axid well, the proposals shall be considered in the following order: 43 44 45 A proposal to attempt to complete the well at either the objective depth or objective formation, including the testing and logging of such well at such depth 46 47 A proposal to plug back and attempt to complete said well above the objective formation (if there is more than one proposal to plug back, the proposals will be considered in ascending order) 48 A proposal to deepen said well in order to attempt a completion below the objective formation (if there is more than one proposal to deepen, the proposals shall be considered in descending order). 4. A proposal to aldetrack the well and 5. A proposal to plug and abandon the well Notwithstanding any other provisions herein, if during the term of this agreement, a well is required to be drilled, despensed, reworked, plugged back, aldetracked or recompleted or any other operation that may be required in order to (1) continue a lease or leases in force and effect, or (2) maintain a unitized area or any partion thereof in force and effect, or (3) earn or preserve and interest in and to oil and/or gas and other minerals which may be severed by a third perty or which, falling in such operation, may revert to a third perty, or (4) comply with any other leased by a regulatory body having jurisdiction in the premises, falling in which certain rights would terminate, the following shall apply. Should leas than all perties hereto elect to participate and pay their proportionate part of the costs to be incurred in such operation, those parties desiring to participate shall have the right to do so at their sole cost, risk, and expense. Promptly following the conclusion of such operation, each of those parties not participating agree to execute and deliver on appropriate assignment to the total interest of each non-participating party in and to the lease leases, or rights, IMMTED TO THE SRO UNIT DEPTHS, which would have terminated or which otherwise may have been preserved by virtue of such operation and in and to the lease, leases, or rights, IMMTED TO THE SRO UNIT DEPTHS, within the balance of the drilling unit upon which the well was drilled excepting however wells therefore completed and capable of producing in paying quantities. Such assignment the shall be delivered to the participating parties in the proportion that they have been attributable to the non-participating parties' inherest. For the purposes of defining a required operation under this provision, such operation will be deemed required if proposed within thirteen (15) months prior to the data such rights would terminate. 55 ⁶⁷ C This Operating Agreement dated May 8, 2009 supercedes and replaces any current Operating Agreement covering the contract area.

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4	This agreement shall be binding upon and shall mure to the benefit of the parties hereto and to their respective heirs, devisees, legal representatives, successors and assigns.	
6 7 8	This instrument may be executed as any number of counterparts, each of which shall be considered an original for all purposes.	
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28 29 30	YATES PETROLEUM CORPORATION EG3, INC	
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36 37 38 39	MYCO INDUSTRIES, INC. CHESAPEAKE EXPLORATION LLC	
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RATIFICATION AND JOINDER OF UNIT AGREEMENT AND UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the SRO State Exploratory UNIT AREA, County of Eddy State of New Mexico dated May 8th 2009 in form approved on behalf of the Commissioner of Public Lands and in consideration of the execution or ratification by other working interest owners of the contemporary Unit Operating Agreement which relates to said Unit Agreement the undersigned hereby expressly ratifies approves and adopts said Unit Agreement as fully as though the undersigned had executed the original agreement

This Ratification and Joinder shall be effective as to the undersigned's interests in any lands and leases or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances covering the lands within the Unit Area in which the undersigned may be found to have an oil and gas interest

This Ratification and Joinder of Unit Agreement shall be binding upon the undersigned, his or her or its heirs devisees executors assigns or successors in interest

EXECUTED thus 29th day of Jun	ne 20 <u>09</u>
TRACT(S) See attached Exhibit B"	
YATES PETROLEUM CORPORATION	YATES DRILLING COMPANY
By John A Yates Jr Attorney in Fact	By Ar fan Jatou Peyton Yates Appropries in Fact
MYCO INDUSTRIES INC	ABO PETROLEUM CORPORATION
By Sharon Snowden, Attorney in Fact	By John A Wates Jr Attorney in Fact
	Address 105 South Fourth Street Artesia, NM 88210
ACKNOWLE	EDGMENT
STATE OF NEW MEXICO)	
) ss COUNTY OF EDDY) This instrument was acknowledged before me this 29th Attorney in Fact of Yates Petroleum Corporation and of Al	day of
half econd corporations	Notary Public Notary Public
NOTARY PUBLIC-STATE OF NEW MEXICO	Notary Public
My consistes explain \$ 2.7.09	
STATE OF NEW MEXICO)) ss	
COUNTY OF EDDY	
This instrument was acknowledged before me this 29th Attorney in Fact of Yates Drilling Company a New Mexico	corporation on behalf of said corporation
OFFICIAL STAL	Notar Public O Daber
Pouls J. Buller NOTARY PUBLICATION OF NEW MICHOO	Notary Public "
STATE OF NEW MEXICO)	
COUNTY OF EDDY	
This instrument was acknowledged before me this 29th Attorney in Fact of Myco Industries, Inc. a New Mexico co	rporation
Attorney in 1 and of 11/100 industries, the 2 few friends of	210 001
OFFICIAL SEAL	Notary Public Pells
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	5 legal representatives, successors and assigns, 6												
	This instrument may be executed in any number of counterparts, each of which shall be considered an original for all purposes.												
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	9 IN WITNESS WHEREOF this agreement shall be effective as f <u>Rh</u> day of <u>Hav</u> (year) 2809												
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36		Chesapeake Exploration L.L.C An Oklahoma limited liability company By Henry J Hood Senke Vice President
37		An Oklahoma limited liability company
38	MYCO INDUSTRIES. INC	
39		By COM
40		Henry J Hood Senior Vice President
42		Land and Legal & General Counsel
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EXHIBIT "A"

Attached to a made a part of that certain Joint Operating Agreement dated May 8, 2009, by and between Marbob Energy Corporation, as Operator, and Pitch Energy Corporation, et al, as Non-Operators.

I. CONTRACT AREA/DEPTH RESTRICTIONS:

Township 25 South, Range 28 East, N.M.P.M.

Section 32: E/2E/2 Section 33: ALL

Section 34: S/2

Township 26 South, Range 28 East, N.M.P.M. ALL OF SECTIONS 3-4, 9-10, 15, 17, 20

Section 2: W/2 Section 5: W/2 Section 7: E/2 Section 8: E/2 Section 16: E/2E/2 Section 18: E/2

Containing 7,360 acres, more or less

CONTRACT AREA IS LIMITED IN DEPTH FROM THE SURFACE TO THE BASE OF THE **BONE SPRING FORMATION**

II. NAME, WORKING INTEREST PERCENTAGES, AND ADDRESSES OF THE PARTIES FOR NOTICE PURPOSES:

Marbob Energy Corporation P.O. Box 227

19.477715%

Artesia, NM 88211-0227

Pitch Energy Corporation

16.856606%

P.O. Box 304

Artesia, NM 88211-0304

13.028650%

Yates Petroleum Corporation 105 South 4th Street Artesia, NM 88210

Abo Petroleum Corporation

6.663396%

105 South 4th Street Artesia, NM 88210

6.663396%

Yates Drilling Company 105 South 4th Street Artesia, NM 88210

6.663396%

Myco Industries, Inc 105 South 4th Street Artesia, NM 88210

The Allar Company P. O. Box 1567

20.162395%

Graham, TX 76450 Chesapeake Exploration LLC

10.484446%

PO Box 18496 Oklahoma City, OK 73154

100%

TOTAL

III. OIL AND GAS LEASES SUBJECT TO THE AGREEMENT: SEE ATTACHED EXHIBIT A-1

TRACT NU	JMBER	DESCRIPTION OF LANDS	ACRES	SERIAL NUMBER	EXPIRATION DATE	BASIC ROYALTY AND PERCENTAGE	LESSEE OF RECORD	WORKING INTEREST OWNERS	WI Decimal	Net Acres
1		TOWNSHIP 25 SOUTH, RANGE 28 EAST Section 32: E/2E/2	160	VB-0575	8/1/2009	0.1875	YATES PETROLEUM CORPORATION '	and the second s	0.18322480	29.315968
								ABO Petroleum Corp	0.04257430	6.811888
								Yates Drilling Company	0.04257430	6.811888
								MYCO Industries, Inc.	0.04257430	6.811888
								Marbob Energy Corp	0.11959360	19.134976
								Pitch Energy Corp	0.11959360	19.134976
								Legend Natural Gas	0.21045550	33.67288
								Devon Energy Production Company LP	0.23940960	38.305536
2	2	Section 33: N/2	320	VB-0576	8/1/2009	0.1875	YATES PETROLEUM CORPORATION	·	0.18322480	58.631936
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								Yates Drilling Company	0.04257430	13.623776
								MYCO Industries, Inc.	0.04257430	13.623776
								Marbob Energy Corp	0.11959360	38.269952
								Pitch Energy Corp	0.11959360	38.269952
								Legend Natural Gas	0.21045550	67.34576
								Devon Energy Production Company LP	0.23940960	76.611072
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								MYCO Industries, Inc.	0.04257430	13.623776
								Marbob Energy Corp	0.11959360	38.269952
,								Pitch Energy Corp	0.11959360	38.269952
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								Devon Energy Production Company LP	0.23940960	76.611072

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								Legend Natural Gas	0 21045550	67 34576
								Devon Energy Production Company LP	0 23940960	76 611072

12 UNCOMMITTED	Section 6	E/2	320	V 7441	7/1/2010	0 16667	Legend Natural Gas III LP	Yates Petroleum Corp ABO Petroleum Corp Yates Drilling Company MYCO Industries Inc. Marbob Energy Corp Pitch Energy Corp Legend Natural Gas Devon Energy Production Company LP	0 18322480 0 04257430 0 04257430 0 04257430 0 11959360 0 11959360 0 21045550 0 23940960	58 631936 13 623776 13 623776 13 623776 38 269952 38 269952 67 34576 76 611072
13	Section 7	E/2	320	V 7465	7/1/2010	0 16667	Yates Petroleum Corporation	Yates Petroleum Corp ABO Petroleum Corp Yates Drilling Company MYCO Industries Inc Marbob Energy Corp Pitch Energy Corp Legend Natural Gas Devon Energy Production Company LP	0 18322480 0 04257430 0 04257430 0 04257430 0 11959360 0 11959360 0 21045550 0 23940960	58 631936 13 623776 13 623776 13 623776 38 269952 38 269952 67 34576 76 611072
14 UNCOMMITTEI	Section 8	W/2	320	V 7443	7/1/2010	0 16667	Legend Natural Gas III LP	Yates Petroleum Corp ABO Petroleum Corp Yates Drilling Company MYCO Industries Inc Marbob Energy Corp Pitch Energy Corp Legend Natural Gas Devon Energy Production Company LP	0 18322480 0 04257430 0 04257430 0 04257430 0 11959360 0 11959360 0 21045550 0 23940960	58 631936 13 623776 13 623776 13 623776 38 269952 38 269952 67 34576 76 611072

15	Carrier 9 E/3	220	L/ 7456	* ** ****					
15	Section 8 E/2	320	V 7466	7/1/2010	0 16667	Marbob Energy Corporation		0 18322480	58 631936
							ABO Petroleum Corp	0 04257430	13 623776
							Yates Drilling Company	0 04257430	13 623776
							MYCO Industries Inc.	0 04257430	13 623776
							Marbob Energy Corp	0 11959360	38 269952
							Pitch Energy Corp	0 11959360	38 269952
							Legend Natural Gas	0 21045550	67 34576
							Devon Energy Production Company LP	0 23940960	76 611072
16	Section 9 W/2	320	V 7444	7/1/2010- Prod	0 16667	The Aliar Company	Marbob Energy Corp	0.10505405	63 44 5 54
							Pitch Energy Corp	0 19505495	62 417584
							Yates Petroleum Corp	0 19505495	62 417584
							ABO Petroleum Corp	0 07554945	24 175824
							Yates Drilling Company	0 07554945	24 175824
							MYCO Industries Inc	0 07554945	24 175824
							The Allar Company	0 07554945	24 175824
							те жаг Сопрапу	0 30769230	98 461536
17	Section 9 E/2	320	V 7467	7/1/2010 Prod	0 16667	Yates Petroleum Corporation	Marbob Energy Corp	0 19505495	62 417584
							Pitch Energy Corp	0 19505495	62 417584
							Yates Petroleum Corp	0 07554945	24 175824
							ABO Petroleum Corp	0 07554945	24 175824
							Yates Drilling Company	0 07554945	24 175824
							MYCO Industries Inc	0 07554945	24 175824
							The Allar Company	0 30769230	98 461536
18	Section 10 W/2	320	VB-0677	7/1/2010	0 1875	The Allar Company	Marbob Energy Corp	0.10505405	£2.44===.
	·					company	Pitch Energy Corp	0 19505495	62 417584
							Yates Petroleum Corp	0 19505495	62 417584
								0 07554945	24 175824
							ABO Petroleum Corp	0 07554945	24 175824
							Yates Drilling Company MYCO Industries, Inc	0 07554945	24 175824
								0 07554945	24 175824
							The Aliar Company	0 30769230	98 461536

19	Section 10 E/2	320	VB 0695	7/1/2010	0 1875	Yates Petroleum Corporation	Marbob Energy Corp	0 19505495	62 417584
							Pitch Energy Corp	0 19505495	62 417584
							Yates Petroleum Corp	0 07554945	24 175824
							ABO Petroleum Corp	0 07554945	24 175824
							Yates Drilling Company	0 07554945	24 175824
							MYCO Industries Inc	0 07554945	24 175824
							The Allar Company	0 30769230	98 461536
20	Section 15 E/2	320	V 7445	7/1/2010	0 16667	The Allen Commence			
20	Section 13 E/2	320	V /443	//1/2010	0 10007	The Allar Company	Marbob Energy Corp	0 19505495	62 417584
							Pitch Energy Corp	0 19505495	62 417584
							Vates Petroleum Corp	0 07554945	24 175824
							ABO Petroleum Corp	0 07554945	24 175824
							Yates Drilling Company	0 07554945	24 175824
							MYCO Industries Inc	0 07554945	24 175824
							The Allar Company	0 30769230	98 461536
21	Section 15 W/2	320	V 7468	7/1/2010	0 16667	Yates Petroleum Corporation	Marboh Frierry Corp	0 19505495	63 447504
_	•						Pitch Energy Corp	0 19505495	62 417584
							Yates Petroleum Corp	0 19303493	62 417584
							ABO Petroleum Corp	0 07554945	24 175824
							Yates Drilling Company		24 175824
							MYCO Industries Inc	0 07554945	24 175824
								0 07554945	24 175824
							The Allar Company	0 30769230	98 461536
22	Section 16 E/2E/2	160	V 7446	7/1/2010	0 16667	The Allar Company	Marbob Energy Corp	0 19505495	31 208792
							Pitch Energy Corp	0 19505495	31 208792
							Yates Petroleum Corp	0 07554945	12 087912
							ABO Petroleum Corp	0 07554945	12 087912
							Yates Drilling Company	0 07554945	12 087912
							MYCO Industries Inc	0 07554945	12 087912
							The Allar Company	0 30769230	49 230768
23	Section 17 E/2	320	V 7447	7/1/2010	0 16667	Charanaska Evaloretica 10	Alexander Frederick Lands and American		
		720	¥ 1 7 7 1	, , 2, 2020	0 4000/	eneraheave Exhibitation Fb.	Chesapeake Exploration Limited Partnership	1 00000000	320

24	Section 17 W/2	320	V 7470	7/1/2010	0 16667		ABO Petroleum Corp	0 35000000 0 05000000 0 05000000 0 05000000 0 50000000	112 16 16 16 16
25	Section 18 E/2	320	V 7448	7/1/2010	0 16667	Chesapeake Exploration LP	Chesapeake Exploration Limited Partnership	1 00000000	320
26	Section 20 W/2	320	V 7450	7/1/2010	0 16667	Nearburg Exploration Company LLC	Nearburg Exploration Company LLC	1 00000000	320
27	Section 20 E/2	320	V 7473	7/1/2010	0 16667		Marbob Energy Corp Pitch Energy Corp Yates Petroleum Corp ABO Petroleum Corp Yates Drilling Company MYCO Industries Inc The Allar Company	0 19505495 0 19505495 0 07554945 0 07554945 0 07554945 0 07554945 0 30769230	62 417584 62 417584 24 175824 24 175824 24 175824 24 175824 98 461536

RECAPITULATION

Acres of State of New Mexico Lands = 100%

Acres of Fee Lands = 0%

100%

LEASE DASIS
TOTAL COMMITTED ACRES
TOTAL UNCOMMITTED ACRES

7360 960

TOTAL ACRES 8320

Unit Working Interest

Marbob Energy Corp	0 18507511	1188 974488
Pitch Energy Corp	0 16016961	1028.974488
Yates Petroleum Corp	0 12379680	795 305384
ABO Petroleum Corp	0 06331485	406 752344
Yates Drilling Company	0 06331485	406 752344
MYCO Industries Inc	0 06331485	406 752344
The Allar Company	0 19158086	1230 7692
Chesapeake Exploration LLC	0 09962205	640
Nearburg Exploration Company LLC	0 04981102	320
TOTAL	1 00000000	6424 280592

Nearburg ORI

Nearburg TA d to all parties propo	ortionately
making new WI	
Unit Working Interest	
Marbob Energy Corp	0 19477715
Prtch Energy Corp	0 16856606
Yates Petroleum Corp	0 13028650
ABO Petroleum Corp	0 06663396
Yates Drilling Company	0 06663396
MYCO Industries Inc	0 06663396
The Allar Company	0 20162395
Chesapeake Exploration LLC	0 10484446
Nearburg Exploration Company LLC	_
TOTAL	1 00000000

THERE IS NO EXHIBIT "B" TO THIS DOCUMENT

-COPAS-

EXHIBIT 'C"

Attached to and made a part of Attached to a made a part of that certain Joint Operating Agreement dated May 8, 2009, by and between Marbob Energy Corporation as Operator and Pitch Energy Corporation et al. as Non-Operators.

ACCOUNTING PROCEDURE JOINT OPERATIONS

I GENERAL PROVISIONS

1 Definitions

5 6 7

J1

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

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 disectly employed on the Joint Property in a field operating capacity

"Technical Employees" shall mean those employees having special and specific engineering, goological or other professional shills, 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 reunbursable expenses of Operator's employees.

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

"Controllable Maternal" shall mean Material which at the time is so classified to the Maternal Classification Magnet as most recently recommended by the Council or Petroleum Accountants Societies.

2. Statement and Billiags

Operator shall bill Non-Operators on or before the fast 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 changes and credits summarized by appropriate classifications of investment and expense except that items of Controllable Material and unusual chargest and credits shall be separately identified and fully described in detail.

3. Advances and Payments by Non-Operators

- A. Unless otherwise provided for in the agreement the Operator may require the Non-Operators to advance their share of estimated cash outlay for the succeed ag month's operation with: fifteen (15) days after receipt of the billing or by the first day of the month for which the advance is sequired, whichever is late. Operator shall adjust each monthly billing to reflect advances received from the Non-Operators.
- Each Non-Operator shall pay its proportion full bills within filtern (15) days after receipt. If payment is not made within such time, the unpaid belance shall beer interest monthly at the prime rate in effect at _______ Chase Montation Bank_____ on the first day of the month in which delinquency occurs plus 1% or the maximum contract rate permitted by the applicable usury laws in the state in which the Joint Property is located, whichever is the lesser, plus attorney's fees, court costs, and other costs in connection with the collection of unpaid amounts.

4. Adjustments

Payment of any such bills shall not prejudice the right of any Non-Operator to protest or question the correctness thereof growded, however all bills and statements readered 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 catendar year unless within the said twenty-four (24) month period a Non-Operator tates 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 provent adjustments resulting from a physical inventory of Controllable Material as provided for in Section V

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5. Andits

39 |

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

6. Approval By Non-Operators

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

IL DIRECT CHARGES

Operator shall charge the Joint Account with the following items:

Ecological and Environmental

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

Rentals and Royalties

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

3. Labor

- A. (i) 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 f such charges are excluded from the overhead rates.
 - (4) Salaries and wages of Tochaical Employees either temporarily or permanently essigned to and directly employed in the operatio or the Joint Property of such charges are excluded from the overhead rates.
- B Operator's cost of boliday vacation, sickness and disability benefits and other customary allowances paid to employees whose salaries and wages are chargeable to the Joint Account under Paragraph 3A of this Section II. Such costs under this Paragraph 3B may be charged on a "when and as paid basis" or by percentage assessment" on the amount of salaries and wages chargeable to the Joint Account under Paragraph 3A of this Section II. If percentage assessment is used, the rate shall be based on the Operator's cost experience.
- C Expenditures or contributions made pursuant to assessments imposed by governmental anthonty which are applicable to Operator's costs chargeable to the Joint Account under Paragraphs 3A and 3B of this Section II.
- D. Personal Expenses of those employees whose relation and wages are chargeable to the Jount Account under Paragraphs 3A and 3B of this Section (I.

4. Employee Benefits

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

-COPAS-

5. Material

Material purchased or furnished by Operator for use on the Jonat Property as provided inder 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 occurrentation of surplus stocks shall be avoided

6. Transportation

Transportation of employees and Maternal occessory for the Joint Operations but subject to the following lumitations:

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

7 Services

The cost of contract services, equipment and utilities provided by outside sources, except services excluded by Paragraph (0 of Section III. and Paragraph I, us, and iii, of Section III. The cost of professional consultant services and contract services of technical personnel directly engaged on the Joint Property of such charges are excluded from the overhead rates. The cost of professional consultant services or commet services of technical personnel and directly engaged on the Joint Property shall not be charged to the Joint Account unless previously agreed to by the Parties.

8. Equipment and Facilities Furnished By Operator

- A. Operator shall charge the Joint Account for use of Operator owned equipment and facilities at rates commensurate with costs of ownership and operation. Such rates shall include costs of maintenance, repairs, other operating expense, insurance, taxes, depreciation, and interest on gross investment less accumulated depreciation not to exceed <a href="https://doi.org/10.1007/journment.2007/jou
- B. In lieu of charges i Paragraph 8A above, Operator may elect to use average commercial rates provailing to the mutediate area of the Joint Property less 20%. For automotive equipment, Operator may elect to use rates published by the Petroleum Motor Transport Association.

9 Damages and Losses to Joint Property

All costs or expenses necessary for the repair or replacement of Joint Property made necessary because of damages or losses incurred by fire, flood, storm, theft, accident, or other course, except those resulting from Operator's gross negligence or willful mesconduct 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

60 Legat Expense

Expense of bandling, investigating and settling litigation or claims, discharging of liem, 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 attempts shell 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.

() Taxes

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



,	12.	Insurance
2		
3		Net premiums paid for insurance required to be estried for the Joint Operations for the protection of the Parties. In the event Joint
4		Operations are conducted in a state in which Operator may act as self-insurer for Worker's Compensation and/or Employers Liability
5		under the respective state's loves, Operator may at its election include the risk under its self insurance program and in that event,
6 7		Operator shall include a charge at Operator's cost not to exceed manual rates.
, 8 9	13.	Abandonment and Reclamation
10 11		Costs incurred for abandonment of the Joint Property including costs required by governmental or other regulatory authorit
12 13	14,	Communications
14		Cost of acquaints, leasing, installing, operating, reporting and maintaining communication systems, including radio and microwave
15		facilities directly serving the Joint Property in the event communication facilities/systems serving the Joint Property are Operator
16		owned charges to the Joint Account shall be made as provided in Paragraph 8 of this Section II.
17		Oakon Burandilarea
18 19	15.	Other Expenditures
20		Any other expenditure not covered or dealt with in the foregoing provisions of this Section II, or in Section III and which is of direct
21		benefit to the Joint Property and is incurred by the Operator in the necessary and proper conduct of the Joint Operations.
22		
23		III. OVERHEAD
24 25		III. OVEKNEAU
26	ŧ	Overhead Drilling and Producing Operations
27		•
28		As compensation for administral e, supervision, office services and warehousing costs. Operator shall charge drill ng and
29		producing operations on other
30		V V Court Bate Desir Barrennik I & av
31 32		(X) Fixed Rate Basis, Paragraph IA, or () Percentage Basis, Paragraph IB
33		
34		Unless otherwise agreed to by the Parties, such charge shall be in lieu of costs and expenses of all offices and salaries or wages
35		plus applicable burdens and expenses of all personnel, except those directly chargeable under Paragraph 3A, Section II. The cost
36		and expense of services from outside sources in connection with matters of taxation, traffic, accounting or matters before or avolving governmental agencies shall be considered as included in the overhead rates provided for in the above selected Panagraph
37		of this Section III unless such cost and expense are agreed to by the Parties as a direct change to the Joint Account.
38 39		of misperson in grand and one are advantaged as a second of the second o
40		ii. The saluries, wages and Personal Expenses of Technical Employees and/or the cost of professional consultant services and
41		contract services of technical personnel directly employed on the Joint Property.
42		
43		() shall be covered by the overhead rates, or (X) shall not be covered by the overhead rates.
44 45		(X) Solith the on charles by any anatomic service.
46		ili The salanes, wages and Personal Expenses of Technical Employees and/or costs of professional consultant services and
47		contract services of technical personnel either temporarily or permanently assigned to and directly employed in the operation of
48		the Joint Property"
49		(X) shall be covered by the overhead rates, or
50 51		() shall not be covered by the overhead rates.
52		• • • • • • • • • • • • • • • • • • • •
53		A. Overhead Fixed Rate Basts
54		(1) Operator shall charge the Joint Account at the following rates per well per month:
55		(1) Operator small charge the John Account at the conowing tests by well has maken
56 57		Orillag Well Rate S
58		(Promed for less than a full month)
59		
60		Producing Well Rate \$_600.00
61		(2) Application of Overhead Fixed Rate Basis shall be as follows:
62		(2) Application of Overhead Prixed Rate Basis stem be as minute.
63 64		(a) Dailing Weil Rate
65		
66		(1) Charges for drilling wells shall begin on the date the well is spudded and terminate on the date the drilling
67		rig, completion rig, or other units used to completion of the well is released, whichever is inter except that no
68		



1					change shall be made during suspension of driffing or completion operations for filteen (15) or more
2					consecutive calendar days.
4					(2) Charges for wells undergoing any type of workover or recompletion for a period of fi v (5) consecutive work days
5					or more shall be made at the drilling well rate. Such charges shall be applied for the period from date
6					workover operations, with rig or other units used in workover commence through date of rig or other unit
7					release, except that no charge shall be made during suspension of operations for Filteen (15) or more
8					consecutive calendar days.
9					
10				(p)	Producing Well Rates
11					The case of the second of the
12					 An active well either produced or injected into for any portion of the month shall be considered as a one-well change for the entire month.
13 14					Chargo for the calife mount.
15					(2) Each active completion in a multi-completed well in which production is not commingled down hole shall
16					be considered as a one-well charge providing each completion is considered a separate well by the
17					governing regulatory authority
18					
19					(3) An inactive gas well shut in because of overproduction or failure of purchaser to take the production shall
20					be considered as a one-well charge providing the gas well is directly connected to a permanent sales order.
21					and the second s
22					(4) A one-well charge shall be made for the month in which plugging and abandonment operations are completed on any well. This one-well charge shall be made whether or not the well has produced except when drilling well
23 24					idle applies.
25					equi appress
26					(5) All other mactive wells (including but not limited to inactive wells covered by unit allowable, lease
27					allowable, transferred allowable, etc.) shall not qualify for an overhead charge.
28					
29			(3)		well roles shall be adjusted as of the first day of April each year following the effective date of the agreement to which
30				thus A	Accounting Procedure is attached by the percent increase or decrease published by COPAS.
31			_		
32		В.	Over	bead	Percentage Basis
33 34			(1)	Oner	ator shall charge the Joint Account at the following rates:
35			(1)	Opti	the transfer of the same same as a second same state of the same s
36				(a)	Development
37					
38					Percent (%) of the cost of development of the Joint Property exclusive of costs
39					provided under Paragraph 10 of Section II and all salvage credits.
40					
41				(p)	Operating
42 43					Percent (
44					under Paragraphs 2 and 10 of Section II, all salvage credus, the value of injected substances purchased for
45					secondary recovery and all taxes and assessments which are levied, assessed and paid upon the maneral interest in
46					and to the Joint Property
47					
48			(2)	Appì	cation of Overficad Percentage Basis shall be as follows:
49					he purpose of determining charges on purceatings basis under Paragraph 1B of this Section III development shall
50 51					he purpose of determining charges on percentage cases more ranguage to the other section in determining the percentage assistance ranguage to the connection on any or all wells involving
51 52				the	use of drilling rig and crew capable of drilling to the producing aterval on the Joint Property also, preliminary
53				еще	editures necessary in proparation for drilling and expenditures incurred in abandoning when the well is not completed
54				EE 0	producer and original cost of construction or installation of fixed assets, the expansion of fixed assets and any other
55					et clearly discernible as a fixed asset, except Major Construction as defined in Paragraph 2 of this Section III. All
56				other	costs shall be considered as operating.
57		_			
58	2	Ow	rhead	Maj	or Construction
59		T-		·	perator for overhead custs incurred in the construction and installation of fixed assets, the expansion of fixed assets, and
60 61		10	ooring Outsing	ا کائٹٹ ماریس	t clearly discernible as a fixed usset required for the development and operation of the Joint Property Operator shall
62		Orth Trill	er nem	niese:	to the prior to the beginning of construction, or shall charge the Joint Account for overhead based on the following rates
63					astruction project in excess of \$25.000.00_
64		,_,,			
65		A.		5	% of first \$100,000 or total cost if ices, plus
66					
67		8.	_	3	% of costs in excess of \$100,000 but less than \$1 000,000, plus
68		_		_	EL . E
69		C	_	2	_% of cases in casess of \$1,000,000.
70					



1				
				Il mean the gross cost of any one project. For the purpose of this paragraph, the component parts of a single project shall
2		pot be tr	ented s	reparately and the cost of drilling and workover wells and artificial I ft equipment shall be excluded
3	3.	Catasta	A) verbead
5	3.	Catastr	aprile C	17CLBC4D
6		To com	oensate	Operator for overhead costs incurred in the event of expenditures resulting from a single occurrence due to oil spill
7				asion, fire, storm, hurneone, or other catastrophes as agreed to by the Parties, which are necessary to restore the Jount
8			•	e equivalent condition that existed prior to the event causing the expenditures, Operator shall either negotiate a rate
9				ig the Joint Account or shall charge the Joint Account for overhead based on the following rates:
10		-	-	
11		۸	. 5	% of total costs through \$100,000; plus
12				
13		B _	3_	% of total casts in excess of \$100,000 but less than \$1,000,000 plus
14				
15		۰ _	_2_	% of lotal costs in cacess of \$1 000,000
16				
17				subject to the overheads above will not be reduced by insurance recoveries, and an other overhead provisions of this
18		Section I		афріу
19			4_4	Phone .
20	4	Amendr	HCEL UI	Ratus
1 22		The ever		nies provided for in this Section III may be amended from time to time only by mixing agreement between the Parties heacto
23				he rules are found to be insufficient or excessive.
24		face		
25				
26		IV	,	PRICING OF JOINT ACCOUNT MATERIAL PURCHASES, TRANSFERS AND DISPOSITIONS
27				
28	Operator	is responsi	ble for	r Joint Account Material and shall make proper and unacly charges and credits for all Material movements affecting the
29	Joint Pro	perty Ope	raior s	hall provide all Material for use on the John Property however at Operator's option, such Material may be supplied
30				emor shall make timely disposition of edic and/or surplus Matenal, such disposal being made either through sale to
31	Operator	or Non-O	penator,	division in kind or sale to outsiders. Operator may purchase, but shall be under no obligation to purchase, interest
3	of Non-C	jbergrora ru	surplu	is condition A or B Material. The disposal of surplus Controllable Material not guschased by the Operator shall be agreed
33	to by the	Porties.		
34				
•				
35	l .	Purchas	:s	
35 36	t			A day has been dealer and the Committee of the description of all decorate extensed. To ease of Mitterni found
35 36 37	t	Material	purchs	asod shall be charged at the price paid by Operator after deduction of all discounts received. In case of Material found
35 36 37 38	ſ	Material to be def	purchs èctive	or returned to vendor for any other reasons, cred I shall be passed to the Joint Account when adjustment has been received
35 36 37 38 39	t	Material	purchs èctive	or returned to vendor for any other reasons, cred I shall be passed to the Joint Account when adjustment has been received
35 36 37 38 39 40		Material to be def	purcha betive perator	or returned to vendor for any other reasons, cred t shall be passed to the Joint Account when adjustment has been received
35 36 37 38 39	2.	Material to be def	purcha betive perator	or returned to vendor for any other reasons, cred I shall be passed to the Joint Account when adjustment has been received
35 36 37 38 39 40 41		Material to be def by the Op Transfer	purchs betator perator	or returned to vendor for any other reasons, cred t shall be passed to the Joint Account when adjustment has been received
35 36 37 38 39 40 41 42		Material to be def by the Of Transfer Material	purcha betive perator and i	or returned to vendor for any other reasons, cred t shall be passed to the Joint Account when adjustment has been received Dispositions
35 36 37 38 39 40 41 42 43		Material to be def by the Of Transfer Material	purcha betive perator and i	or returned to vendor for any other reasons, cred I shall be passed to the Joint Account when adjustment has been received Dispositions had to the Joint Property and Material transferred from the Joint Property or disposed of by the Operator unless
35 36 37 38 39 40 41 42 43 44		Material to be def by the Op Transfer Material otherwise	purcha belive perator w and i furnisi	or returned to vendor for any other reasons, cred t shall be passed to the Joint Account when adjustment has been received Dispositions had to the Joint Property and Material transferred from the Joint Property or disposed of by the Operator unless
35 36 37 38 39 40 41 42 43 44		Material to be def by the Op Transfer Motional otherwise	purchs betive perator and i furniti traces were	or returned to vendor for any other reasons, cred t shall be passed to the Joint Account when adjustment has been received Dispositions had to the Joint Property and Material transferred from the Joint Property or disposed of by the Operator unless d to by the Parties, shall be priced on the following basis exclusive of cash discounts:
35 36 37 38 39 40 41 42 43 44 45 46 47 48		Material to be def by the Op Transfer Motional otherwise	purchs betive perator and i furniti traces were	or returned to vendor for any other reasons, cred t shall be passed to the Joint Account when adjustment has been received Dispositions thed to the Joint Property and Material transferred from the Joint Property or disposed of by the Operator unless d to by the Parties, shall be priced on the following basis exclusive of cash discounts:
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49		Material to be def by the Op Transfer Motional otherwise	purchasective perator and in furnitial agreed with Mater Tube	or returned to vendor for any other reasons, cred t shall be passed to the Joint Account when adjustment has been received Dispositions had to the Joint Property and Material transferred from the Joint Property or disposed of by the Operator unless d to by the Parties, shall be priced on the following basis exclusive of cash discounts: emal (Condition A)
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50		Material to be def by the Op Transfer Motional otherwise	purchasective perator and in furnitial agreed with Mater Tube	or returned to vendor for any other reasons, cred t shall be passed to the Joint Account when adjustment has been received Dispositions had to the Joint Property and Material transferred from the Joint Property or disposed of by the Operator unless d to by the Parties, shall be priced on the following basis exclusive of cash discounts: enal (Condition A) ular Goods Other than Line Pipe Tubular Goods, sized 2 3/8 inches OD and larger except line pipe, shall be priced at Eastern will published cartood
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51		Material to be def by the Op Transfer Motional otherwise	purchasective perator and in furnitial agreed with Mater Tube	or returned to vendor for any other reasons, cred t shall be passed to the Joint Account when adjustment has been received Dispositions thed to the Joint Property and Material transferred from the Joint Property or disposed of by the Operator unless d to by the Parties, shall be priced on the following basis exclusive of each discounts: emal (Condition A) tolar Goods Other than Line Pipe Tubular goods, sized 2 3/8 inches OD and larger except line pipe, shall be priced at Eastern mill published carteed base prices effective as of date of movement plus transportation cost using the 80,000 pound carteed weight basis
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52		Material to be def by the Op Transfer Motional otherwise	purchasective perator and in furnitial agreed with Mater Tube	Dispositions Dispositions thed to the Joint Property and Material transferred from the Joint Property or disposed of by the Operator unless of to by the Parties, shall be priced on the following basis exclusive of each discounts: emal (Condition A) Tobular Goods Other than Line Pipe Tobular goods, sized 2 3/8 inches OD and larger except line pipe, shall be priced at Eastern atill published cartood basis prices effective as of date of movement plus transportation cost using the 80,000 pound cartood weight basis to the railway receiving point nearest the Joint Property for which published rail sates for tubular goods exist. If the
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53		Material to be def by the Op Transfer Motional otherwise	purchasective perator and in furnitial agreed with Mater Tube	or returned to vendor for any other reasons, cred t shall be passed to the Joint Account when adjustment has been received Dispositions thed to the Joint Property and Material transferred from the Joint Property or disposed of by the Operator unless d to by the Parties, shall be priced on the following basis exclusive of each discounts: emal (Condition A) tolar Goods Other than Line Pipe Tubular goods, sized 2 3/8 inches OD and larger except line pipe, shall be priced at Eastern mill published carteed base prices effective as of date of movement plus transportation cost using the 80,000 pound carteed weight basis
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35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56		Material to be def by the Op Transfer Motional otherwise	purchs bettive perator r and i firmisi c agree v Mate Tub (a)	Dispositions The dot to the Joint Property and Material transferred from the Joint Property or disposed of by the Operator unless do to by the Parties, shall be priced on the following basis exclusive of cash discounts: Tubular goods, sized 2 3/8 inches OD and larger except line pipe, shall be priced at Eastern aillt published cartood base prices effective as of date of movement plus transportation cost using the 80,000 pound carload weight basis to the railway receiving point nearest the Joint Property for which published rail rate is not offered the 70,000 pound or 90,000 pound rail rate may be used Freight charges for tubung will be calculated from Loran, Otto and casing from Youngstown, Orio. For grades which are special to one mill only prices shall be computed at the mill base of that mill plus transportation cost from that mill to the nollway receiving point nearest the Joint Property as provided above in Paragraph 2-A.(1)(a). For transportation cost from points other than Eastern mills, the 30 000 pound Oil Field Haulers Association interstate
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57		Material to be def by the Op Transfer Motional otherwise	purchs bettive perator r and i firmisi c agree v Mate Tub (a)	Dispositions The did to the Joint Property and Material transferred from the Joint Property or disposed of by the Operator unless do by the Parties, shall be priced on the following basis exclusive of cash discounts: Tubular goods, stand 2 3/8 inches OD and larger except line pipe, shall be priced at Eastern atill published cartood base prices effective as of date of movement plus transportation cost using the 80,000 pound carload weight basis to the railway receiving point nearest the Joint Property for which published rail rates for tubular goods exist. If the 80,000 pound rail rate is not offered the 70,000 pound or 90,000 pound rail rate may be used Freight charges for tubular will be calculated from Loran, Ohio and casing from Youngstown, Ohio. For grades which are special to one mill only prices shall be computed at the mill base of that mill plus transportation cost from that mill to the rollway receiving point nearest the Joint Property as provided above in Paragraph 2.A.(1)(a).
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 55 56 57 58		Material to be def by the Op Transfer Motional otherwise	purchasective perator and if familia agreed to Mate Tub (o)	Dispositions That is a long Property and Material transferred from the Joint Property or disposed of by the Operator unless do by the Parties, shall be priced on the following basis exclusive of cesh discounts: Tabular goods, sized 2 1/8 inches OD and larger except line pipe, shall be priced at Eastern atill published cartood base prices effective as of date of movement plus transportation cost using the 80,000 pound carload weight basis to the railway receiving point nearest the Joint Property for which published rail rates for tubular goods exist. If the 80,000 pound rail rate is not offered the 70,000 pound or 90,000 pound rail rate may be used Freight changes for tubung will be calculated from Loran, Otho and casing from Youngstown, Ohio. For grades which are special to one mill only prices shall be computed at the mill base of that mill plus transportation cost from that mill to the rollway receiving point nearest the Joint Property as provided above in Paragraph 2-A.(1)(4). For transportation cost from points other than Eastern mills, the 30 000 pound Oil Field Haulers Association interestate track rate shall be used.
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 55 55 56 57 58 59 60 60 60 60 60 60 60 60 60 60 60 60 60		Material to be def by the Op Transfer Motional otherwise	purchasective perator and if familia agreed to Mate Tub (a)	Dispositions Indicate the Joint Property and Material transferred from the Joint Property or disposed of by the Operator unless of the by the Parties, shall be priced on the following basis exclusive of cash discounts: Tubular goods, sized 2 1/8 inches OD and larger except line pipe, shall be priced at Eastern call published cartood base prices effective as of date of movement plus transportation cost using the 80,000 pound carload weight basis to the railway receiving point nearest the Joint Property for which published rail rates for tubular goods exist. If the 80,000 pound rail rate is not offered the 70,000 pound or 90,000 pound rail rate may be used Freight changes for tubung will be calculated from Loran, Otho and casing from Youngstown, Onio. For grades which are special to one mill only prices shall be computed at the mill base of that mill plus transportation cost from that mill to the rollway receiving point nearest the Joint Property as provided above in Paragraph 2-A.(1)(a). For transportation cost from points other than Eastern mills, the 30 000 pound Oil Field Haulers Association interestate track rate and flatish tubular goods shall be praced at the lowest published out-of-stock price, Lo.b. Houston, Texas,
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 55 55 55 55 55 56 60 61 62		Material to be def by the Op Transfer Motional otherwise	purchasective perator and if familia agreed to Mate Tub (a)	Dispositions Indicate the Joint Property and Material transferred from the Joint Property or disposed of by the Operator unless did to by the Parties, shall be priced on the following basis exclusive of cash discounts: Tubular goods, sized 2 3/8 inches OD and larger except line pipe, shall be priced at Eastern call published cartood base prices effective as of date of movement plus transportation cost using the 80,000 pound carload weight basis to the railway receiving point nearest the Joint Property for which published rail rates for tubular goods exist. If the 80,000 pound rail rate is not offered the 70,000 pound or 90,000 pound rail rate may be used Freight changes for tubung will be calculated from Loran, Ohio and casing from Youngstown, Ohio. For grades which are special to one mill only prices shall be computed at the mill base of that mill plus transportation cost from that mill to the rollway receiving point nearest the Joint Property as provided above in Paragraph 2-A.(1)(a). For transportation cost from points other than Eastern mills, the 30 000 pound Oil Field Haulers Association interestate track rate shall be used. Special and flaigh tubular goods shall be priced at the lowest published out-of-stock price, Lo.b. Houston, Texas, plus transportation cost, sang Oil Field Haulers Association unterstate 30,000 pound track rate, to the railway receiving
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 60 61 62 63		Material to be def by the Op Transfer Motional otherwise	purchasective perator and if familia agreed to Mate Tub (a)	Dispositions Indicate the Joint Property and Material transferred from the Joint Property or disposed of by the Operator unless of the by the Parties, shall be priced on the following basis exclusive of cash discounts: Tubular goods, sized 2 1/8 inches OD and larger except line pipe, shall be priced at Eastern call published cartood base prices effective as of date of movement plus transportation cost using the 80,000 pound carload weight basis to the railway receiving point nearest the Joint Property for which published rail rates for tubular goods exist. If the 80,000 pound rail rate is not offered the 70,000 pound or 90,000 pound rail rate may be used Freight changes for tubung will be calculated from Loran, Otho and casing from Youngstown, Onio. For grades which are special to one mill only prices shall be computed at the mill base of that mill plus transportation cost from that mill to the rollway receiving point nearest the Joint Property as provided above in Paragraph 2-A.(1)(a). For transportation cost from points other than Eastern mills, the 30 000 pound Oil Field Haulers Association interestate track rate and flatish tubular goods shall be praced at the lowest published out-of-stock price, Lo.b. Houston, Texas,
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 55 56 60 61 62 63 64		Material to be def by the Op Transfer Motional otherwise	purchasective perator and if ternisis and if ternisis argress Mate (a)	Dispositions Indicate the Joint Property and Material transferred from the Joint Property or disposed of by the Operator unless of the Partner, shall be priced on the following basis exclusive of cash discounts: Tabular goods, stand 2 M8 inches OD and larger except line pipe, shall be priced at Eastern aill published carload base prices effective as of date of movement plus transportation cost using the 80,000 pound carload weight basis to the railway receiving point nearest the Joint Property for which published rail rates for tubular goods exist. If the 80,000 pound rail rate is not offered the 70,000 pound or 90,000 pound rail rate may be used Freight changes for tubung will be calculated from Loran, Otto and casing from Youngstown, Ohio. For grades which are special to one mill only prices shall be computed at the mill base of that mill plus transportation cost from that mill to the rollway receiving point nearest the Joint Property as provided above in Paragraph 2.A.(1)(a). For transportation cost from points other than Eastern mills, the 30 000 pound Oil Field Haulers Association interstate track rate shall be used. Special and flaigh tubular goods shall be priced at the lowest published out-of-stock price, Lo.b. Housion, Texas, plus transportation cost, same Oil Field Haulers Association interstate plus transportation cost, same Oil Field Haulers Association unterstate 30,000 pound truck rate, to the railway receiving point nearest the Joint Property
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 88 60 60 60 60 60 60 60 60 60 60 60 60 60		Material to be def by the Op Transfer Motional otherwise	purchasective perator and if ternisis and if ternisis argress Mate (a)	Dispositions The to the Joint Property and Material transferred from the Joint Property or disposed of by the Operator unless of to by the Parties, shall be priced on the following basis exclusive of each discounts: Tubular goods, sized 2 3/8 inches OD and larger except line pipe, shall be priced at Eastern mill published cartical basis prices effective as of date of movement plus transportation cost using the 80,000 pound call rate is not offered the 70,000 pound or 90,000 pound rail rate for tubular goods exist. If the 80,000 pound rail rate is not offered the 70,000 pound or 90,000 pound rail rate may be used Freight changes for tubung will be calculated from Loran, Obso and casing from Youngstown, Ohio. For grades which are special to one mill only prices shall be computed at the mill base of that mill plus transportation cost from that mill to the relivary receiving point nearest the Joint Property as provided above in Paragraph 2.A.(1)(a). For transportation cost from points other than Eastern mills, the 30 000 pound Oil Field Haulers Association interestate truck rate shall be used. Special end finish tubular goods shall be priced at the lowest published out-of-stock price. Co.b. Housion, Texas, plus transportation cost, sang Oil Field Haulers Association interestate point nearest the Joint Property Macarreni tubing (saze loss than 2 3/8 inch OD) shall be priced at the lowest published out-of-stock prices Co.b. the
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 60 60 60 60 60 60 60 60 60 60 60 60 60		Material to be def by the Op Transfer Motional otherwise	purchasective perator and if ternisis and if ternisis argress Mate (a)	Dispositions Dispositions That to the Joint Property and Material transferred from the Joint Property or disposed of by the Operator unless of to by the Parties, shall be priced on the following basis exclusive of cash discounts: Tabular Goods Other than Line Pipe Tabular goods, sized 2 M3 inches OD and larger except line pipe, shall be priced at Eastern atill published carbod base prices effective as of date of movement plus transportation cost using the 80,000 pound carboad weight basis to the railway receiving point nestest the Joint Property for which published rail rates for tubular goods exist. If the 80,000 pound rail rate is not offered the 70,000 pound or 90,000 pound rail rate may be used Freight charges for tubung will be calculated from Loran, Ohio and casing from Youngstown, Ohio. For grades which are special to one mill only prices shall be computed at the mill base of that mill plus transportation cost from that mill to the rollway receiving point nearest the Joint Property as provided above in Paragraph 2.A.(1)(a). For transportation cost from points other than Eastern mills, the 30 000 pound Oil Field Haulers Association interstate truck rate shall be used. Special and flaish tubular goods shall be priced at the lowest published out-of-stock price, f.o.b. Houston, Texas, plus transportation cost, sams Oil Field Haulers Association interstate 30,000 pound truck rate, to the milway receiving point nearest the Joint Property Macaroni tubing (azze less than 2 3/8 inch OD) shall be priced at the lowest published out-of-stock prices f.o.b. the supplier plus transportation costs, using the Oil Field Haulers Association interstate truck rate per weight of
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 60 60 60 60 60 60 60 60 60 60 60 60		Material to be def by the Op Transfer Motional otherwise	purchasective perator and if ternisis and if ternisis argress Mate (a)	Dispositions The to the Joint Property and Material transferred from the Joint Property or disposed of by the Operator unless of to by the Parties, shall be priced on the following basis exclusive of each discounts: Tubular goods, sized 2 3/8 inches OD and larger except line pipe, shall be priced at Eastern mill published cartical basis prices effective as of date of movement plus transportation cost using the 80,000 pound call rate is not offered the 70,000 pound or 90,000 pound rail rate for tubular goods exist. If the 80,000 pound rail rate is not offered the 70,000 pound or 90,000 pound rail rate may be used Freight changes for tubung will be calculated from Loran, Obso and casing from Youngstown, Ohio. For grades which are special to one mill only prices shall be computed at the mill base of that mill plus transportation cost from that mill to the relivary receiving point nearest the Joint Property as provided above in Paragraph 2.A.(1)(a). For transportation cost from points other than Eastern mills, the 30 000 pound Oil Field Haulers Association interestate truck rate shall be used. Special end finish tubular goods shall be priced at the lowest published out-of-stock price. Co.b. Housion, Texas, plus transportation cost, sang Oil Field Haulers Association interestate point nearest the Joint Property Macarreni tubing (saze loss than 2 3/8 inch OD) shall be priced at the lowest published out-of-stock prices Co.b. the
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 60 60 60 60 60 60 60 60 60 60 60 60 60		Material to be def by the Op Transfer Motional otherwise	purchasective perator and if ternisis and if ternisis argress Mate (a)	Dispositions Dispositions That to the Joint Property and Material transferred from the Joint Property or disposed of by the Operator unless of to by the Parties, shall be priced on the following basis exclusive of cash discounts: Tabular Goods Other than Line Pipe Tabular goods, sized 2 M3 inches OD and larger except line pipe, shall be priced at Eastern atill published carbod base prices effective as of date of movement plus transportation cost using the 80,000 pound carboad weight basis to the railway receiving point nestest the Joint Property for which published rail rates for tubular goods exist. If the 80,000 pound rail rate is not offered the 70,000 pound or 90,000 pound rail rate may be used Freight charges for tubung will be calculated from Loran, Ohio and casing from Youngstown, Ohio. For grades which are special to one mill only prices shall be computed at the mill base of that mill plus transportation cost from that mill to the rollway receiving point nearest the Joint Property as provided above in Paragraph 2.A.(1)(a). For transportation cost from points other than Eastern mills, the 30 000 pound Oil Field Haulers Association interstate truck rate shall be used. Special and flaish tubular goods shall be priced at the lowest published out-of-stock price, f.o.b. Houston, Texas, plus transportation cost, sams Oil Field Haulers Association interstate 30,000 pound truck rate, to the milway receiving point nearest the Joint Property Macaroni tubing (azze less than 2 3/8 inch OD) shall be priced at the lowest published out-of-stock prices f.o.b. the supplier plus transportation costs, using the Oil Field Haulers Association interstate truck rate per weight of



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(2) Line Pipe

- (a) Line pipe movements (except seze 24 inch OD and larger with walls % inch and over) 30,000 pounds or more shall be priced under provisions of tubular goods pricing in Paragraph A.(I)(a) as provided above. Freight charges shall be calculated from Lerala, Okio.
- (b) Line Pape movements (except size 24 unch OD and larger with walls % anch and over) less than 30,000 pounds shall be priced at Eastern mill published carload base praces offective as of date of shipment, plus the percent most recently recommended by COPAS plus transportation costs based on freight rates as set forth under provisions of tubular goods pricing in Paragraph A.(1)(a) as provided above. Preight charges shall be calculated from Lorain, Ohio.
- (c) Lane pupe 24 inch OD and over and % inch wall and larger shall be priced Co.b. the point of manufacture at current new published prices plus transportation cost to the milway receiving pount nearest the Joint Property
- (d) Line pipe, including fabricated has pipe, drive pipe and conduit not listed on published pince lists shall be priced at quoted pinces plus freight to the railway receiving point nearest the Joint Property or at prices agreed to by the Purties.
- (3) Other Material shall be priced at the current new price, in effect at date of movement, as listed by a reliable supply store nearest the Joint Property or point of manufacture, plu transportation costs, if applicable, to the milway receiving point nearest the Joint Property
- (4) Unused new Material, except tubular goods, moved from the Jorat Property shall be priced at the current new price, in effect on date of movement, as listed by a reliable supply store nearest the Joint Property or point of manufacture, plus transportation costs, if applicable, to the railway receiving point nearest the Joint Property Unused new tubulars will be priced as provided above in Paragraph 2.A.(i) and (2).
- B Good Used Material (Condition B)

Material in sound and serviceable condition and su table for reuse without reconditioning:

(1) Material moved to the Joint Property

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

- (2) Material used on and moved from the Joint Property
 - (a) At seventy-five percent (75%) of current now price, as determined by Paragraph A, if Material was onginally charged to the Joint Account as new Material or
 - (b) At sixty-five percent (65%) of current new price, as determined by Paragraph A, if Material was originally charged to the Junt Account as used Material
- (3) Material not used on and moved from the Joint Property

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

The cost of reconditioning, flasy shall be absorbed by the transferring property

C Other Used Material

(1) Condition C

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

(2) Condition D

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

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



I.	(3) Condition E
2 3	Jank shall be proced at provating prices. Operator may dispose of Condition E Material under procedures normally
4	utilized by Operator without prior approval of Non-Operators.
5 6	D Obsolete Moternal
7	O Oceanical e materials
8	Material which is serviceable and usable for its original function but condition and/or value of such Material is no
0	equivalent to that which would justify a price as provided above may be specially priced as agreed to by the Panties. Such price should result in the Joset Account being charged with the "alue of the service rendered by such Material,
1	and of the Section of
2 3	E. Pricing Conditions
4	(1) Loading or unleading costs may be charged to the Jount Account at the rate of twenty-five cents (25¢) per hundred
5	weight on all tubular goods movements, in lieu of actual loading or unleading costs sustained at the stocking point.
o 7	The above rate shall be adjusted as of the first day of April each year following January 1 1985 by the same percentage increase or decrease used to adjust overhead rates in Section III, Faragraph 1 A.(3). Each year the
3	rate calculated shall be rounded to the nearest cent and shall be the rate in effect until the first day of April next year
,	Such rate shall be published each year by the Council of Petroleum Accountants Societies.
, I	(2) Material involving creation costs shall be charged at applicable percentage of the current knocked-down prace of
2	new Malerial.
,	Premium Prices
;	
,	Whenever Maternal is not read by obtainable at published or listed prices because of national emergencies, strikes or other unusual causes over which the Operator has no control the Operator any charge the John Account for the required Maternal 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 famished 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 too days after receiving notice from Operator to form shall 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 gents.
	v inventories
	rator shall maratain detailed recesses of Comrollable Material
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1	Periodic inventories, Notice and Representation
	At reasonable intervals, inventories shall be taken by Operator of the Joint Account Controllable Moternal. 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. Feiture of Non-Operators to be represented at an inventory shall blad Non-Operators to accept
	the inventory taken by Operator
2	Recognition and Adjustment Linventories
-	contraction was tenformed a sustained and
	Adjustments to the J int Account resulting from the reconciliation of a physical inventory shall be made with six months following
	the taking of the inventory Inventory adjustments shall be made by Operator to the Jons Account for overages and shortages, but, Operator shall be held accountable only for shortages due to lack of reasonable diligence.
3.	Special Investories
	Special inventories may be taken whenever there is any sale, change of interest, or change of Operator in the Joint Property. It shall be
	the daty of the party selling to notify all other Parties as quickly as possible after the transfer of microst takes place. In such cases, both the seller and the purchaser shall be governed by each inventory in cases involving a change of Operator, all Parties shall be governed
	by such inventory
	The state of the s
4.	Expense of Conducting Inventories
	A. The expense of conducting periodic suventones shall not be changed to the Joint Account orders agreed to by the Parties.
	2 3 4 5 6 7 8 9 9 0 1 2 2 3 4 4 5 6 7 3 9 9 1 2 2 3 4 4 5 6 7 3 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9



required due to change of Operator shall be charged to the Joint Account

B. The expense of conducting special inventories shall be changed to the Parties requesting such inventories, except inventories

EXHIBIT "D"

Attached to a made a part of that certain Joint Operating Agreement dated May 8, 2009, by and between Marbob Energy Corporation, as Operator and Pitch Energy Corporation et al, as Non-Operators.

- OPERATOR shall at all times while conducting operations hereunder comply with all Workers Compensation and Occupational Disease Laws including the United States Longshoremen's and Harbor Workers Compensation Act provided however that OPERATOR may be a self insurer for liability under said compensation laws in which event the only charge that shall be made to the joint account shall be OPERATOR'S actual cost but not exceeding an amount equivalent to the premium which would have been paid had such insurance been obtained
- 2 No other insurance shall be carried by **OPERATOR** for the joint account unless agreed to by all the parties hereto
- 3 OPERATOR shall require all contractors and subcontractors to carry such insurance in such amounts as OPERATOR deems adequate
- 4 Each co-owner may procure such insurance with respect to the jointly owned properties and operations as it deems necessary to protect itself against claims and damages and all insurance policies shall be endorsed to provide that underwriters and insurance carriers of co-owner shall not have any right of subrogation against OPERATOR and other co-owners

It is provided that in the event Operator should elect to carry well control insurance then prior to the drilling of any well hereunder if any co-owner hereunder so elects to be included as an insured under Operator's policy the Operator shall advise said co-owner of its anticipated share of the premium for same. Co-owner shall then advise Operator whether or not it elects to be named as an insured under the policy and co-owner shall be responsible for its proportionate share of the policy premium.

EXHIBIT "E"

Attached to a made a part of that certain Joint Operating Agreement dated May 8, 2009, by and between Marbob Energy Corporation as Operator and Pitch Energy Corporation et al as Non-Operators.

GAS BALANCING AGREEMENT

The parties to the Operating Agreement to which this agreement is attached own the working interest in the gas rights underlying the lands covered by such agreement (the Contract Area") in accordance with the percentages of participation as set forth in Exhibit A to the Operating Agreement (the participation percentage")

In accordance with the terms of the Operating Agreement each party thereto has the right to take its share of gas produced from the Contract Area and market the same. In the event any of the parties hereto collectively owning participation percentages of less than 50% are not at any time taking or marketing their share of gas or have contracted to sell their share of gas produced from the Contract Area to a purchaser which does not at any time while this agreement is in effect take the full share of gas attributable to the interest of such parties this agreement shall automatically become effective upon the terms hereinafter set forth

- During the period or periods when any parties hereto collectively owning participation percentages of less than 50% have no market for their share of gas produced from any proration unit within the Contract Area, or their purchaser does not take its full share of gas producing from such proration unit, other parties collectively owning participation percentages of more than 50% shall be entitled to produce each month 100% of the lesser of (a) allowable gas production assigned to such proration unit by applicable state regulatory authority or (b) the delivery capacity of gas from such proration unit provided however no party who does not have gas in place shall be entitled to take or deliver to a purchaser gas production in excess of 200% of the lesser of (c) its share of the volumes of gas capable of being delivered on a daily basis of (d) its share of allowable gas production. All parties hereto shall share in and own the liquid hydrocarbons recovered from such gas by lease equipment in accordance with their respective interests and subject to the Operating Agreement to which this agreement is attached but the party or parties taking such gas shall own all of the gas delivered to its or their purchaser.
- On a cumulative basis each party not taking or marketing its full share of the gas produced shall be credited with gas in place equal to its full share of the gas produced under this Agreement, less its share of gas used in lease operations vented or lost, and less that portion such party took or delivered to its purchaser. The Operator will maintain a current account of the gas balance between the parties and will furnish all parties hereto monthly statements showing the total quantity of gas produced the amount used in lease operations vented or lost the total quantity of liquid hydrocarbons recovered therefrom and the monthly and cumulative over and under account of each party.
- 3 Each Party producing, taking or delivering gas to its purchaser shall pay severance taxes excise taxes royalties, overriding royalties production payments and other such payments and taxes on production for which it is obligated by law or by lease or contract (including Operating Agreement), and nothing in this Gas Balancing Agreement shall be construed as affecting such obligations. Each Party hereto agrees to indemnify and hold harmless the other Parties hereto against all claims losses or liabilities arising out of its failure to fulfill such obligations.
- After notice to the Operator any party at any time may begin taking or delivering to its purchaser its full share of the gas produced from a proration unit under which it has gas in place less such party's share of gas used in operations, vented or lost. In addition to such share, each party including the Operator until it has recovered its gas in place and balanced the gas account as to its interest shall be entitled to take or deliver to its purchaser a share of gas determined by multiplying 50% of the interest in the current gas production of the party or parties without gas in place by a fraction the numerator of which is the interest in the proration unit of such party with gas in place and the denominator of which is the total percentage interest in such proration unit of all parties with gas in place currently taking or delivering to a purchaser
- 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 provided that said test should be reasonable in length normally not to exceed 72 hours.
- If a proration unit ceases to produce gas and/or liquid hydrocarbons in paying quantities before the gas account is balanced settlement will be made between the underproduced and overproduced parties. In making such settlement, the underproduced party or parties will be paid a sum of money by the overproduced party or parties attributable to the overproducion which said overproduced party received less applicable taxes theretofore paid at the applicable price defined below for the delivery of a volume of gas equal to that for which settlement is made. For gas, the price of which is not regulated by federal state or other governmental agencies the price basis shall be the price received for

the sale of the gas. For gas the price of which is subject to regulation by federal state or other governmental authorities the price basis shall be the rate collected from time to time, which is not subject to possible refund as provided by the Federal Energy Regulatory Commission or any other governmental authority pursuant to final order or settlement applicable to the gas sold from such well plus any additional collected amount which is not ultimately required to be refunded by such authority such additional collected amount to be accounted for at such time as final determination is made with respect hereto

- Notwithstanding the provisions of ¶6 it is expressly agreed that any underproduced party shall have the optional right, with respect to each proration unit, to receive a cash settlement bringing such underproduced party's gas account into balance at any time and from time to time prior to the final settlement by first giving each overproduced party 90 days written notice of demand for cash settlement. If such option is so exercised settlement shall be made (as of 7 00 o clock AM on the first day of the calendar month following the date of such written demands) within 90 days following the actual receipt of such written demands by the overproduced parties, in the same manner provided for in ¶6. The option provided for in this paragraph may be exercised from time to time but only one time in each calendar year.
- 8 Nothing herein shall change or affect each party's obligation to pay its proportionate share of all costs and liabilities incurred as it share thereof is set forth in the Operating Agreement
- This agreement shall constitute a separate agreement as to each proration unit approved by the applicable regulatory authority for a pool within the Contract Area but such proration unit shall not include any producing horizon which is not within the vertical limits of said pool. This agreement shall remain in force and effect so long as the Operating Agreement to which it is attached remains in effect and shall insure to the benefit of and be binding upon the parties hereto, their heirs, successors legal representatives and assigns

EXHIBIT 'F"

EQUAL EMPLOYMENT OPPORTUNITY PROVISION

Attached to a made a part of that certain Joint Operating Agreement dated

May 8, 2009, by and between Marbob Energy Corporation, as Operator and Pitch Energy

Corporation et al. as Non-Operators.

During the performance of this contract, the Operator (meaning and referring separately to each party hereto) agrees as follows

- The Operator will not discriminate against any employee or applicant for employment because of race color religion sex or national origin. The Operator will take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to their race color religion sex or national origin. Such action shall include but not be limited to the following: Employment, upgrading demotion or transfer recruitment or recruitment advertising layoff or termination rates of pay or other forms of compensation and selection for training including apprenticeship. The Operator agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.
- The Operator will in all solidations or advertisements for employees placed by or on behalf of the Operator state that all qualified applicants will receive consideration for employment without regard to race color religion, sex or national origin.
- 3) The Operator will send to each labor union or representative of workers with which Operator has a collective bergaining agreement or other contract or understanding a notice to be provided advising the said labor union or works' representatives of the Operator's commitments under Section 202 of Executive Order 11246 of September 24 1965 and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- 4) The Operator will comply with all provisions of Executive Order 11246 of September 24 1965 and of the rules regulations and relevant orders of the Secretary of Labor
- 5) The Operator will furnish all information and reports required by Executive Order 11246 of September 24 1965 and by the rules, regulations and orders of the Secretary of Labor or pursuant thereto, and will permit access to Operator's books records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations and orders
- 6) In the event of the Operator's non-compliance with the non-discrimination clauses of this contract or with any of the said rules, regulations or orders, this contract may be canceled terminated or suspended in whole or in part and the Operator may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24 1965 and such other sanctions in Executive Order 11246 of September 24 1965 or by rules, regulations or order of the Secretary of Labor or as otherwise provided by law
- 7) The Operator will include the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order 11246 of September 24 1965 so that such provisions will be binding upon each subcontractor or vendor. The Operator will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions including sanctions for non-compliance provided, however, that in the event the Operator becomes involved in or is threatened with litigation with a subcontractor or vendor as a result of such direction by the administering agency the Operator may request the United States to enter into such litigation to protect the interests of the United States.

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

Operator further acknowledges that Operator may be required to develop a written affirmative action compliance program as required by the Rules and Regulations approved by the Secretary of Labor under authority of Executive Order 11246 and supply each other party hereto with a copy of such program if so requested.

CERTIFICATION OF NONSEGREGATED FACILITIES

By entering into this contract, the Operator certifies that Operator does not and will not maintain or provide for Operator's employees any segregated facilities at any of Operator's establishments, and that Operator does not and will not permit Operator's employees to perform their services at any location under Operator's control where segregated facilities are maintained. The Operator agrees that a breach of this certification is a violation of the Equal Opportunity clause in this contract. As used in this certification is a violation of the Equal Opportunity clause in this contract. As used in this certification, the term "segregated facilities means, but is not limited to, any waiting rooms, work areas, rest rooms and wash rooms restaurants and other eating areas time clocks, locker rooms and other storage or dressing areas parking lots drinking fountains recreation or entertainment areas transportation and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race color religion or national origin because of habit, local custom or otherwise. Operator further agrees that (except where Operator has obtained identical certifications from proposed contractors and subcontractors for specific time periods) Operator will obtain identical certifications from proposed contractors and subcontractors prior to the award of contracts or subcontracts exceeding \$10 000 00 which is not exempt from the provisions of the Equal Opportunity clause. The certification may be submitted either for each contract and subcontract or for all contracts and subcontracts during a period (i.e. quarterly semiannually or annually).