A A P L FORM 610 1982

()

MODEL FORM OPERATING AGREEMENT

SRO STATE EXPLORATORY UNIT

OPERATING AGREEMENT

DATED

	May 8	<u>009</u>	
OPERATOR Marbob	Energy Corporation		
CONTRACT AREA SE	EE ATTACHED EXHIBIT	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 AFPROVED FORM AAPL NO 610 1982 REVISED

NMOCC CASE Nos 15441 15481 15482 NEX SRO2 LLC AND SRO3 LLC Exhibit No 42 February 28 2017



TABLE OF CONTENTS

Article	<u>Title</u>	<u>Page</u>
Ī	DEFINITIONS	1
11	EXHIBITS	i
	INTERESTS OF PARTIES	ż
	A OIL AND GAS INTERESTS	2
	B INTERESTS OF PARTIES IN COSTS AND PRODUCTION	2
	C EXCESS ROYALTIES, OVERRIDING ROYALTIES AND OTHER PAYMENTS	2
77.4	D SUBSEQUENTLY CREATED INTERESTS	2
ΙV	TITLES _	2
	A TITLE EXAMINATION B 1 OSS OF TITLE	23
	Failure of Title	. 3
	2 Loss by Non Payment or Erroneous Payment of Amount Due	. 3
	3 Other Losses	. 3
ν	OPERATOR	4
	A DESIGNATION AND RESPONSIBILITIES OF OPERATOR	4
	B RESIGNATION OR REMOVAL OF OPERATOR AND SELECTION OF SUCCESSOR	4
	1 Resignation or Removal of Operator	4
	2 Selection of Successor Operator	4
	C EMPLOYEES	4
	D DRILLING CONTRACTS	4
VI	DRILLING AND DEVELOPMENT	4
	A INITIAL WELL B SUBSEQUENT OPERATIONS	4-5 5
	1 Proposed Operations	5
	2 Operations by Less than All Parties.	567
	3 Stand By Time	7
	4 Sidetracking	7
	C TAKING PRODUCTION IN KIND	7
	D ACCESS TO CONTRACT AREA AND INFORMATION	8
	E ABANDONMENT OF WELLS	8
	l Abandonment of Dry Holes	8
	2 Abandonment of Wells that have Produced	89
1.77	3 Abandonment of Non Consent Operations	9
VII.	EXPENDITURES AND LIABILITY OF PARTIES	9
	A LIABILITY OF PARTIES B LIENS AND PAYMENT DEFAULTS	9 9
	C. PAYMENTS AND ACCOUNTING	9
	D LIMITATION OF EXPENDITURES	9 10
	1 Drill or Deepen	9-10
	2 Rework or Plug Back	10
	3 Other Operations	10
	E RENTALS, SHUT IN WELL PAYMENTS AND MINIMUM ROYALTIES	10
	F TAXES	10
1.711	G INSURANCE	11
VIII	ACQUISITION, MAINTENANCE OR TRANSFER OF INTEREST A SURRENDER OF LEASES	11 11
	B RENEWAL OR EXTENSION OF LEASES	11
	C ACREAGE OR CASH CONTRIBUTIONS	ii 12
	D MAINTENANCE OF UNIFORM INTEREST	12
	E WAIVER OF RIGHTS TO PARTITION	12
	FPREFERENTIAL RIGHT TO PURCHASE	
lΧ	INTERNAL REVENUE CODE ELECTION	12
Х.	CLAIMS AND LAWSUITS	13
	FORCE MATEURE	13 13
XII	NOTICES. TERM OF AGREEMENT	13
XIV	COMPLIANCE WITH LAWS AND REGULATIONS	13
****	A LAWS REGULATIONS AND ORDERS	14
	B GOVERNING LAW	14
	C REGULATORY AGENCIES	14
XV		14
XVI		- 15

Table of Contents

```
OPERATING AGREEMENT
2
3
       THIS AGREEMENT entered into by and between ____Marbob Energy Corporat o
                                                                                                    fler des enst d d
                                                                                            her
5 r ferred to as "Operator" and the signatory party of parties off er that Operator metimes hereinaft referred to individually herein
6 as N -Operator and collect ly as Non-Operat rs
                                                    WITNESSETH
٥
        WHEREAS the parties ( U greement are own s of oil and gas less and/o oil and gas t rest U land identified in
11 Exhibit A and the parties level 1 eached a agreement texplore old 1 pithese leases and/or olland gas interests for th
12 prod ton f T nd gas to it ext tand hereinafter provided
        NOW THEREFORE, tip greed fill ws
14
15
                                                     ARTICLE
16
                                                    DEFINITIONS
17
18
        As used in this agreement, the foll will gword all terms shall have the meanings here ascribed to them
19
       A. The term I and gas shall mean I g ca ghead gas, gas condensate, deli other I q die gaseo s hyd bo
20
21 nd ther marketabl substa ces produ ed therewith, aless a t t to limit the nells eness fittis term is specifically stated
     B Th terms oil and gas leas lease and lea chold hall ea the digas leases coming tracts of I d
23 lying with the Co trait Area will have owled by the parties to this agreement
      C The true oil and gat rests hall mean leased fo and muteral int to trat find lying will the
25 Contract Area whi hare owned by part es t thi gr ement
        D The term C trat Area shall mean II fith laids, I and gas I sehild merest. d I and gas I t sis mt nded to b
27 devel poil and operated f out of gas purposes under this agreement. Such lands, oil and gas I aschold interests and oil and gas interests
28 are described i E hib t A
        E Th ten drilling t hall so the area field f the drilling f
                                                                              w I by order or rul of any lat o
30 federal b dy hail g thority if drill g nut is of fixed by my h rule or order drilling u tith !! be th drilling u tit !! be th drilling u tit !! be th drilling u tit !!
31 ed by the pattern fdrill g the Cintra t Area of d by express greenent fth Drill g Part is
G Th to us "Drill g P sty and Con entung Party shall mean p sty who grees 1 jo nd pay 1 have fel cost of
33
34 any pration c nd ted dorth p so softh greeme t
35 H Th terms 'Non Drill & P ty and N n-C sent g Party hall mea a party who elect
36 in propos d peration.
37
        Unless the context it erwise clearly to deates word sed the gillide the plant had a the
38
39 s g l a d tl ter gender l des th mascul and the f in
40
                                                     ARTICLE II
41
                                                      EXHIBITS
42
43
        The fill wig in bits is indicated below and attached hereto, are incorporated id mad part hereof
44
45 🖾 A Exhibit A shall includ the fill wing f million
          (1) Ide a fication of lands subject to the greentent
46
           ( ) Restrict ons If a y as t depths formation or substances,
47
           (3) P reentages fractional terests fipartie t the greement
48
           (4) O l d gas leases d/or o l and gas miterests subject to this grees ent
49
           (5) Addresses of pirt es for not purpo es.
50
Si D B Exhilt B f'ron (Leuse.
52 D Chhbi C Account g Pro edure.
53 ☑ D Exhib t D" I surance.
 54 E Exh but E' Clas B la cang Agree ent.
55 M FE hab t F N n-D serum natio and Cert ficate (No Segr gated Feel tes
 56 G Cxhibi G T Partnersh p
        If any provis f y exhibit, except Exhibits E" and G is consistent with any pro-intermediate to the body
 57
 58 files agree on the president body file agree on hill prevail
 60
 61
 62
 63
 64
 65
 66
 67
 68
 69
```

ı

1 2	ARTICLE III INTERESTS OF PARTIES
4	A Oil and Gas Interests
5 6 7 8 9	If y party was 'I d gas i terest the C ntra t Area that terest shall be treated fo ill purposes if this agricum and during the term bereof as if t were colored by the form if I ad gas lease attached hereto as Exhibit B" and the water thereof shall be deemed to in bits the roy by interest reserved; such lease and the interest of the lessee there inder.
10	B Interests of Parties in Costs and Production
12 13 14 15	Unless 1 nged by other provis ns, 11 cost and liabilities meutred in operations u der this agreement shall be borne and pand, and all equipment and naterials equired in operations on the Contract Area shall be owned by the parties a their interests reset forth in Exhibit A in the same manner the parties shall also will production for a long gas from the Contract Area subject to 11 payment of royalues to the extit forth.
19 20 21 22	R gardless f which party has contributed the lease(s) d/or i and gas i terest() hereto o with royalty is distributed to occur of a share of production foil and gas from the Contract Area shall be a and shall pay or delicrocommunity of the contract area shall be and shall pay or delicrocommunity of the contract area shall be and shall pay or delicrocommunity or cause to be paid delicrocommunity of the contract area shall be and shall pay or delicrocommunity or cause to be paid delicrocommunity or the contract area shall be and shall be a sha
24 25	Noting contained in this Art of 111 B sh 11 be d cined an ssigning tor cross-assignment if interests covered hereby
26 27	-
	U tess 1 god by other pro sio s f the terest of any party in any lease co cred h by is subject t y roy by erriding royalty prod ction payment or other b rden o product h excess of the a wount st pulated. Articl IILB such pirty s burdened shall assume indicate the all such excess obligations and shall inde mily d hold the other parties hereto harmless from any and it et instant demands to payment asserted by which excess burden.
34 35	D 8 b quently Created Interests
36 37 38 39 40 41 42	accepted obligation of all parties (may such terest being heremalfier referred to as subseque tly created interest arrespect). I ming f t creat d th party out of whos working interest the subsequently could be terest is derived by generalizing ferred.
43 44 45 46 47	If the birdened party is required inder this greement to assign in red quish to my other party or parties. It ports of the working interests a dirith product to thibutable thereto is a distinct of the party of parties shall receive and suggested in product on the interest and the burdened party hall demands and save as a diother party or parties, harmless the any and it claims and dimands the payment asserted by owners of the subsequently created interest and,
48 49 50 51 52	2 If it burdened party fa is to pay when d e, is share of expenses chargeable h under all provision of Art if Vii B shall b enforceable against the subsequently created interest it he same manuer as they are enforceable against the work ig interest if the burdened party.
53 54	ARTICLE IV TITLES
55 56 57	
58 59 60	ed i th drill ag umt are nd such well. The opinion will include the weetl p f the working interest, mi erals, royalty emiding
62 63 64 65 66 67	gas interests t the drillste, t be i luded in such drilling it shall furnish to Operator all abstracts (including federal tease status reports) till opinions, title papers and e rat e material its possession free of charge. All such i formation not in the possession f or made available to Operator by the parties, but necessary for the examination of the title shall be bit ned by Operator Operator shall cause till to be examined by attorneys on its staff or by outside thom ys. Copies of all title opinions shall be farn shed to each party
69	Digital Costs included by Operator of procuring shreads and title exame poor (including preliminary supplemental shut in gas royalty on it is and digital order title opinions) shall be part of the administration overhead as provided in Exhibit "C" and shall not be a direct charge, whether performed by Operator s staff attorneys or by outside interacy.

A A P L FORM 610 MODEL FORM OPERATING AGREEMENT

ARTICLETY

1 EZ Quinon No 2 Costs i curred by Operato in procuring abstracts and fees paid outside attorneys for till examination 2 (netuding pret me ary supple ent I shut in gas royalty op on ad divisa order title opins as) hall be borne by the Drilling Parties 3 in the proportion that the interest of each Drilling Party bears to the total interest of all Drilling Parties as such interests appear E hibit A Operator th II mak no charg to services endered by its satTatt may the person of in the perform no fithe box 5 functions

Each party st II be responsible for secur g c rative matter and pooling amendments or agreements required connect o 8 with leases or o I and gas interests contrib ted by such party. Operator shall be esponsible for the preparation and recording of pooling 9 designations or declaration as well as thought and if the against the general general general general framework as well as thought a second gradual general framework as well as thought a second gradual general ge 10 This shall not prevent y party from ppears g on is wn behalf it y such hearing

No well shall be drilled to Co tract Area until flor (1) the toll to the drill to drilling not has been examined as bo 13 provided and (2) the title has been pp ed by the ex mile g is mey or title has been accepted by all if the parties who are to pa 14 ticipate i ti drilling fth well

15

16 B Los fTitle:

I F by f Title. Should any oil and gas interest o lease, or interest therein be lost through failure if title, which lass results in 19 reduct o of intere t fro that sh wn Exh b t A the party contributing the ffected lease or terest shall have in ty (90) days 20 fr m final determination futl falur to acq i w lease or other strument curing the entirety of the title faller which eq si 21 ti will not be subject to Arti I VIII B and falling to do so this agreement nevertheless, slift is use in free it all remain 22 nd gas leases and interesist nd

23

() The party whose oil and gas leas on terest in frected by the till fill shall bear alone the entire is and it shall not be 24 entitled t reco er from Operato or the other parts any development of operating lost which a may had theretofore paid or incurred, 25 b there shall b no additional l b'lity is part to the other parties hereto by eason if such title failure,

(b) Then hill be no retroate adjusted to fexpenses curred or extenses released from the operation of the interest which has 29 Area by the mount of the interest I st

27 been lost but the fat rests of the puries half be revised an acreage basis, as of the time it is determined finally that talle failure has oc 28 c med so that the interest of the party whose lease is interest as ffected by the title failure will thereafter be reduced in the Contrac () If the proport is a unterest of the there parties hereto in any producing well theretofor drilled on the Contract Area is

31 i creased by rea on of the titl falure, til party whose titl ha falled hall rece eith pro eeds ttributable to til necrease 1 32 terest (les sts n d b rd ns tirrbutable thereto) ntil it has been b reed of unirece ered of pa d by it in conjection with such 33 well 34

(d) Sho ld any per o t a party t the greatent, who is determined t b the winer of y terest in the title which his 35 faled, pay y manner a y p ri of the cost of operat n, development or equip n nt, such amount shall be paid to the party or port es 36 wh b rethe costs wh har so fu ded

(c) Any liability to account to third party for prior product of 1 and gos which arises by reaso of utle failule shall b 38 born by the party party whose till failed it the samproport as it which they shared to such property and (f) No charge shall be mad to the joint account for legal expenses, fees or salaries, il connection with the defense. If the it est

40 of fixed by any party here: the gifte interton of the part es herein thit each hill defend trif it is i terest indibear all expenses i 41 connect on therewalls

43

37

2 Loss by No Payment or Erro cou P ment of Amo t D c. If through stak o o crssght, y rental shut-un well 44 payment, man mum toyalty o royalty payment is not paid o is erroneously paid, and as a result a lease or interest therein termin tes. 45 ther hill be no monetary to they against the party who failed to make such payment U less the party who failed to make they red 46 payment secures wheas to oring the same terest within his by (90) day from the discoory of the failure to make proper poyment h ch acquisition will not b subject to Article VIII B th interests of the parties shall b revised an acreag has fifted we as if the 48 dat often inat fill leas i I ed and the party who filed to make proper payment will no to get be a reduted with a interest 49 the Contract A ca on acc t f wnership f the lease or interest which has terminated. I the event the party who falled to make the 50 required payment shall not have been fully reimburs d at the time of the 1 ss, fro the proceeds of the sale of old assautible table t 51 th lost interest, calculat d cross bas for the development and point g osts theret fore paid on account of such interest t 52 shall be reinhursed for unreco ered could osts theretofore pa d by it (but not for its share of the cost of any dry hole are tously drilled 53 or wells prove by abandoned) from so much of the fillowing as is necessary to iffect re-inhursement

() Proceeds of oil and gas, less operating expenses theret for accrued to till or dit of the lost interest on acrea basis 55 up to the mount of arecovered sis;

(b) Proceeds, less operating expenses thereafter an ared attributable to the lost interest or agreege basis, of that port on of 27 ol ad gas thereafter produced dimarketed (excluding production from any wells thereafter divited) which in the absence function lease 58 termination, will be attributable to the lost interest on in acreage basis, in the mount of unrecovered is, the proceeds of said 59 portion file 1 ad gas to be contrib ted by the other part in proportion to their espect e interest and

() Any mones, up to the mount of meet cred costs that my be paid by any party who is or becomes, the owner fith interest 61 I st f th pri I g f part pat g nth C ntra t Area o becoming a party to this agreement.

62

3 Other Losses All losses curred other that those set forth Articles IVB 1 d IVB.2 above, shall be to t losses 64 and shall be borne by 11 parties in proports n to tles interests. There shall be readjustment of interests in the erra ining portion of 65 th Contract Area

67 68

ARTICLE V 2 OPERATOR 4 A. Designates d R sponsibilities of Operat Marbob En ray Corporation 7 Operat of the C ntract Area and shall co duct and direct and have full control of all operations on the Contra t Area as permitted and 8 req ared by and will the it is of this agreement. It shall conduct all sull operators is a god and workmanike manner bet at shall 9 ha e to liability as Operator to the other parties for losses sustained o 1 bill es curred, ept su h as may res it from gross 10 n gl gence or w liful misconduct. 11 12 B Resignation o Removal of Operato d S lection of S essor-13 14 R m val f Operation Operat may es gn at ny tim by g ving written notic thereof to Non-Operat rs 15 If Operator terminates its legal exist nee, to I inger owns an untrest here inder in the C intract Area or is no longer capable of serving 16 Operator shall be diemed to have restained without a yaction by Non Operators, except the selection of successor Operator 17 may be removed if it falls refuses to carry out its duties hereu der bec mes insolvent bankrupt o is pl ed in rece ership, by it e 18 affi not a vot fivo (2) or mor Non-Operators owning a maj nty interest ba ed o ownersh p as shown on Exhibit A rema g 19 fter lud ng th ot ng 1 terest of Operator S ch resignation or removal shall ot both me ffective until 7.00 o clock A Mon til 20 first day fith calend month following the expiration finity (90) day after the giving Final free ignation by Operator or actio 21 by the N -Operators t emo Operator less as occasion Operato has been lected and assumes the duties of Operator than earlier 22 dat Operator after effects dat of resignation or removal shall be bound by th terms hereof as a Non-Operator A change of a co 23 porat man or struct to f Operat transfer of Operato i ter 1 to my st gl subs d ry parent or su cessor corporat on shall not 24 be the basis fo emoval f Operato 25 26 2 S lect on f S ccessor Operator. Upon the resignation or moval f Operat s cessor Operator shall be selected by 27 the parties. The paccessor Operato hall be elected from the parties wrong an interest in the Contract Area of the time such successor 28 Operator s selected. The successor Operator shall be elected by the affirmities vote of twe (2) or more parties wrong may by interest 29 based nownership as shown on Ext bit A" provided I wever fan Operator which has be rein ed f list of or less a ly t 30 suc ediselfiti su esso Operato shill bi select diby ti affirmative vote of two (2) or mo part es own g may ty i terest baid 31 on ownership as show. Exhibit A remaining after x 1 di gith vot gitter stofth. Operator that wallreme ed 32 33 C. Empl sees 34 35 The inher f employees used by Operator ducting pera as I er under their selection and the h urs of lab 36 compensat for service performed shall be determed by Operate delth such comployees hall be the employees of Operate 37 38 D Drilling Cont a ts 39 40 All wells drilled on the Contract Area shall be drilled e competen tract ha is t the usual rates prevailing the area, If t so 41 desires Operator in y employ its own to is ild equipment in the dilling if will but it litarges til erefor shall not exceed thin prevailing 42 rates in 11 area and il rat f su h charges hall b greed upo by th part es i writ g bef d ling operat ar comme ced nd 43 such work at 11 be performed by Op to inder the same ten s and conditions as c stomary and usual tithe real contracts of t 44 depende it contractors who are doi g work of similar nature. 45 46 47 48 40 ARTICLE VI DRILLING AND DEVELOPMENT 50 51 52 A Initial Well 53 A g st 000 / 2009 Operator shall commen the drilling f w ll for 54 O or befo ti _____1 t___ _d y of _ 55 oland gas at il fil wi glocat o A legal location in Section 4 T26S R28E Eddy County New Mexico 56 57 nd shall thereafter continue the dalling of the well with du diligence to 49 sufficiently test the Bone Sp ing formation 59 60 62 ut less granite or other practically impenetrable substance or condition the bole, while historia further drilling impractical, is en 63 co tered at lesser d pth or miess all parties gree to complet or aba don the well at lesses depth. Operator shall make reasonable tests of all formations encountered during dailing which give dication of conts ing oil d 66 ga q untres sufficient to test unless this agreement shall be limited: its pplicate 1 specific formation or formations, in which 67 e ent Operat shall be required to total by the formation or formations to which this agreement may apply 68 69 70

A A P L. FORM 610 MODEL FORM OPERATING AGREEMENT 198

ARTICLE VI

If Operat r's judgment il well will of p du lor ga i paying q thes and twithes to pig and bando ti 2 will dry hole, th provis fArt I VICI hall thereafter poly 6 B S bseq e t Operati I Proposed Operations. Shill by party heret desire to doil any well on the Contract Area oil i that the well produced 9 6 Arts le VIA or to re ork deepen r plug ba k a dry hole drilled t th j nt expense f il part es o well jointly wheat by all 10 th parties a direct then prod g in p ying q amt tes, the party destrong to drill r vo k, d ep pl g back such a w ll shi ll greth 11 ther part es written tree of the propos di peration, spec fying the work to bi performed, the location, proposed depth objective firma 12 to and the est nated cost of the operation. The part es recei ing such anotal shift has the rty (30) days after receipt of the u 13 with which to not fyill party will git did the work whither they leed to part pat the cost fill proposed operation. If drill 14 ing ng i n location nouse of proposal to rework pi g back o drill deeper may b g en by telephon and ti respo period si il be 15 i m ted to forty-eight (48) hours exclusive of Saturday Su day ind I g I hol day IT I re if party eee vi g such note a to eply with 16 the period above fixed shall constitut in fect by that party not to participat the cost fithe proposed pentition. Any not or 17 esponse g e by ti pho esh libe pro pily firmed w t g 18 20 If all part elect t participat in sich propised operatio. Operation ill with the ety (90) day ill expunsion if the notic 21 22 pen d fillin (30) days (o pr pily as p ss bl fter th expratio fith f ty eight (48) ho penod when d'il g g s on loc 23 to as the ascentage be), ctually commence the proposed perated decomplete it with displacemental ascentage at the skewide expense of 11 par 24 Les her : provided have et said muleric ment dat may be extended pon writte to fisa by Operato the ther parties, 25 fo period of up to thirty (30) ddat nal day if i the sole opin of Operato such additional turne is reasonably necessary to obtain 26 pen is frong eramental autho uses surf conghis (m ! dag rights-of way) or pproprit dails g equipment to mplit till ex 27 minal o curative natter required for title ppro 1 oc plance. Notwithst du gith forc majoure pro sions f Arti l XI fith 28 actu I perat ha t bee commen d vith th turn pro ded (in lud g y extens thereof spe l' lly permitted here) nd 29 If any party heret it II district in district district writt noti propo gisam must biresub litted to the parties f 30 day with the provisions here f f pino proposal had been in de-12 2 Operations by Less th All Part e If y party roces g such notice as pro-ided in Article VIB1 o VIID1 (Opti 34 35 No 2) lects not to partic pat the proped operation, then in o der to be entitled to the benefits of this Article the party or pin es 36 g vi g th ot and a ch other part es as shall el et to part e pat in the operation shall within easy (90) days file the expiration of 37 the note period fithirty (30) days (as promptly as possible after the expiration of the forty-e gli (48) hour period when drilling gill 38 on leat on as the case may be) act ally namen the proposed operation does plet a with duiding c. Operation hall perf 39 work for the secoult if the Cinsent ig Parties, provided his wife of drillinging or other equipment is location, and if Operator 40 a Non-Consenting Party th Consenting Pirt shall either () req est Operator til per firith wilk i q ed by such propo ed opera 41 to f th acc t fth C nsc t g Parues or (b) des g t one (1) fthe Co entil g Part es a Operator t perform such work C 42 sentu g i ri es, when condu tu g perat o is o tl Contract Area pursu i to this Arti 1 VIB2 shall comply with ill term ind 43 dia softh spercement 46 If less il lipart as poo y p p s d operat o th p p sa g party mmedial ly fter th exprat f th ppl bl 47 48 I ce pen d, shall advis th C scating Parties of the tital interest of the part ppro g such operation and its recommendation as 49 to whethe th Co sentl g Part es should proceed with the per test p p sed Eacl C asent g Party with a forty-eight (48) lours 50 (I sive fS turday S day nd legal h helays) flor rescapt fou h not ec, hall d is ti proposing party f t desire to () I mit po 51 1c patro t sull party terest sish wn Exhibit A (b) carry its proportionate part of Non-Conse tig Parties interests ind 52 fail re to d se the proposi g party shall be deemed an election der () I the a drilling rig i I can , that mo pers tid f 5) such respons hall of ced that forty eight (48) he restricted from Sunday and legal inid y) The price granty 54 at its lect o may withdraw hipropisal Cthere is insufficient part lips to dist. Il promptly notify il part es of hidee son 55 56 57 52 The entire cost of conducting such operations shill be born by the Consent g Porties in the proportions they had 59 elect d t bear to e under the terms of the precedu g paragraph C ns ti g Parties shall keep it leasel id est tes invol d such 60 operations free and clea fall ten a diene brone f ery kind created by a arising fir the porut of the Consent g Port es. 6) If such an per t realism dry hie, th Consenting Parts hall plug d baids the will and restor the unfa local nat their 62 sol cost n k and expense. If any well duited, reworked deepened or pi gged back under il provisions f this Art el res its in a pro 63 d cer of oil a d/o gas paying q tities the Consenting Part hall omplete a d equip the well to produc 1 their sol cost and risk 65 66 67 68

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

; and the will still then be turned over to Operate of shall be perated by tith expendition the count file Consent giPa 2 ties. Upon commencement of p rat for the drilling reworks g, deepen ag a plugging back f y such well by Consents g Part es 3 coords on with the provisions of the Art le, each No-Co seating Party shall be deemed to have disquished to Co senting Party shall be deemed to have disquished to Co senting Party shall be 4 and th Consenting Parties shall we and be entitled to occure proportion to the respective terests, ill f such N -C ascert g 5 Party interest in the well of hare I production therefrom notif the proceed of the I flow in hare, calculated 1 th 1 ell or 6 arket val ther fifsu h sl re i not sold, (fler dedu ting pro tion ta es taxes roy ity overridi g royalty and the 7 terests not excepted by Art 1 III D payable it f measured by it product o from such will acroin g will respect to such ter it 8 unt 1 t exts) shall eq I the tot 1 fth f 11 w g (a) 200% I can his chine Cois milig Party shifth ast I my cwiy cq edisu fac equipment beyond the willhead 12 13 co nections (net diag, but not I mited t st k ta k separate treater pump g eq p ent and piping) plus 200% of each su h 14 Non Consenting Party should to perat the well common igwill first podution and tinuing tile on hoh No 15 Consect g Party s 1 quish d terest shall event t tund ther p visi f this Art le, t being gred that each Non to Consenting Party b found assault equip t will be that recreat which wild his been clargeable such N. Con tig 17 Party had a participated in the well from this beginning in the operations, and 18 20 (b) 500 / I that port of the osts and expenses far il g row ku g, deepe ang pl ggr g b k testing nd completing 22 Rer ded cl gany cash contributions ec ed nder Art ! VIII C and 500 % of thit ports of the cost finewity acquired quip 23 ment il will (to di l'ding thi wellhead nnect s) which would ha been hargeablit such Non-Cinsenting Pirty fit had 24 participated therei See first paragraph of Pag. Ga 76 As elect to pirts past the drilling, the deepening of a well shall be deepen to past in y 29 wirk gloring gaing back operation proposed in such well or ports thereof to which the mat at Non-Consent fection ppf ed that is 30 co ducted it ay it no prior to full any by the Co sent g Part es of the Non Consenting Party a recoupment account. A y h 31 reverking o pl gg g back operation onducted dong the recognition of said well

32 od there shall be add dit it is mit be ee ped by th Consenting Parties on hidred pe, ent (1009) if that portuo if the sis of 33 th re rki g r pl gging ba k operation visch would have bee hargeably to such N C menting Porty had a participated dicrem. If 34 su haire vorki gier pligging back operation is proposed dunigs in recoupling the proposed in proposed file ap-35 plenbl s betwee said C ent a Pries said well

See second paragraph of Page 6a

During il period of t Cinseni g Parties no entitled ti eccive N -C entitig Party's share if prodictio o th 40 p ceds ther fi C ent g Part al 11 b espo ibl f th p yment f 11 produ t evenues excess gathering d other 41 to es and all royalty enricing yalty and other burden policible t N -C senting Pirty's share if prodict it excepted by Ar 42 1 ! III D

41 45 46

17

I the case of yrwrking, pligging bak or deeper dillig operation, the Consiting Parties shall be permitted to se, free 47 f st ll g i b d'aler eq procent the well bith ownership of il ci q prent shall ren n nchanged, d p 48 ba donner t [ell fler such rework g plugging back or deeper drilling the Co sent g Parties shall a count f all such equip-49 ment tith with each pirty receiving is proport, atom tilk adjor value, less cost (salvage,

51 52

> Within si ty (60) days after it complited from peration under this Article the party condicting the peritins for h 54 Consenting Part es et il furnish ea h N -C use i g Party with an in e tory of the eq priment in and con ceted to the well and 55 it zed statement fill coil fidell g deepening, plugging back testing implement, and equipping the well for pillulus or at its \$6 pt on the operating party in lieu of an temized statement four house of peratin, may submit a detailed statement of monthly bill 57 mgs La 1 no th thereafter d n g ti e ti th Cons nung Partnes being numb read as provided bo ti party d t g th 58 operations to the Close ting Pirues shill furn hithe N. Consent e Part es with ut mized statement. If it co is a n. habit ties in 59 ried the perati of the will tgetler with states at fith quantity for and ga prod ed from 1 and the no as f pro ed 60 realized fro the sale of the well' king unterest product to during the proceeding month of determining the quantity of all red ga 61 produced d'rung a y month. C'use i g P rues shill s lichistry ac epied method. h s. b i not limit d'to metening or period c 62 well tests. Any amount realized from the sale or other disposition of equipment newly acquired a connection with my such reperation 63 will would have been owned by a N n-Conse ting Party had it part cipated ti hall beer dited against the total unreturn vi costs 64 of the work done and fill of pineal perhased in determining when the interest of such Non-Consenting Party shill resent to tax 65 abo provided differe is great that nee, it shall biga die such Non-Cinsenting Party

> > See third paragraph of Fage 6a

67 68 69

A.A.P L FORM 610 MODEL FORM OPERATING AGREEMENT 198

ARTICLE VI

Notwithstanding any language under Article VI B to the contrary in any well in which a completion attempt may b made at mo than one depth each party who participated in the initial ope tions 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 a parti ipate in a completion attempt as to any one interval than 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 product on att ibutable to that interval.

Gas production attributable to a y Non Consenting Party a 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 the purchaser to remit the proceeds receivable from such sale direct to the Consenting Parties until the members of its amounts provided for in this Article are recovered from the Non-Consenting Parties relinquished interest. If such Non Consenting Party has not contracted for sale of its gas at the time such gas is available for deli ery or has not made the election as provided above the Consent of Parties shall own and be intuited to receive and self such Non Consenting Party is 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 this date it received notice that payout has occurred to audit operator's and/o carrying party accounts and records relating to or connected with its operations on the Contract Real Party upon notice in the writing to or connected with its operations on the Contract area or on land pooled therewith regardless of when such operations were conducted

ба

A A.P L. FORM 610 MODEL FORM OPERATING AGREEMENT 1982

ARTICLE V

If and will en the Consenting Parties recover from a N -Consent g P rty s rel nquished terest th mo t provided for bo e, 2 the relinquisted terest f such N -C enting Party hall tomatically revert to t, and front and after such reversion, such N 3 Co sent g Party shall own the sam interest su I well the materi I and equipment i or porta gill cret and il product on 4 therefi as such Non-C assuing Party would have bee emuted to had it participated in the drill g. vorks g. deepening or pl ggmg 5 back of said w II. Thereafter such Non-Consenting Party shall be charged with and shall pay as proportion to part of the further cost of 6 th p ratio for a dwell in econdanc with the terms of this agreement and the Account g Procedure stacked hereto. • Notw thstanding the prossens of this Article VLB.2 it is agreed that without the initial insent of 11 pointes, no well shill 10 11 be implied in or produced from source of supply from with well located is ewhere of the Contract Area is producing, unless such 12 cll f rms to the then-e sting well space pattern f such source fs pply 14 The procum of the Article shill have no application whatsoever to the drilling fill multiply will discribed in Art 1 VIA 17 except (a) as to Articl VII.D 1 (Option No 2) if closed, o (b) t the recording deepen g and plugging to k f such mutual will 18 fer if has been drilled to the depth specified in Article VI A if it shall thereafter prive to b dry hol or if in tally completed to pro-19 d ctron, ceas s to produce paying q ties. 20 21 3 Sm d By Time: When a well which has been drilled or deep ned has rea hed its shoraced depth and all tests 1 we been 23 24 unpleted, and the results thereof furnished to the parties stand-by six in urred pending respon t a party s ti e proposi g 25 reworking deepening plugg g b k o omplet g peration in such a well shall b harged and bome as part of the drilling or d epen-26 g operatio ju t implemed Stand-by it subseq it ill parties respond g, or expiratio if the respons it me permittid, which ex 27 first occurs, and prior to greenent as to the participating interest fall Co enting Part is pursuant to the terms falle condigram 28 mai cal paragraph of Art 1 VIB.2 shall b hirged to d born part of il prop sed operation bill fifth proposal sub equently 29 withdrawn beca of ins ffi cat part crp tion, so h tand-by costs shall be allocated between th C asenting Parties in the proport on 30 ca h Consenti g Party interest as shown on Exh but A bea s to the total interest. h w Exh but A of II Consenting P 31 les 37 11 34 4 Sadaracki s. E press hareinafter pre did thus pro sions of this agreement applicable to a deepen g operation hill 35 36 I o be applicable to a y proposal te discriminally control and intentionally dente well firm vertical set ochange the bettom hole 37 I cation (I crein call sid tracking") weless done to straighten the hile to drill a ound junk the hole hera see of ther 38 mecha cald fit lues. A y party l g th right t part c pate in a p opo ed sidetra ki g operation that does not own an iterest tith 39 ffected well bor this is no of the noise shall pon electing to participate, tender to it well bore where its proportionate shall count 40 to is iterest; the sidetral king perit) fith 1 fithat ports fith sing will be et be utilized as follows. 42 43 () If the proposal fo sidetracking i exist g dry hole, combursement shall be a the basis fifthe itself ost incurred 44 45 th united drill ne of it will down to it denth twin hith detrack stoperate ut at d 47 48 (b) if il pr posal f d tra king a ll which ha p ously prod ced imbu em i sh ll b the basis f the well 50 salvable maternals and quipment down to the depth at which the sidetracking peratustated, determined in accordance with the 51 provisi as of Exhibit C" les the estimated cost if saling in dithest nated cost of plaging in dishardoning. 52 54 It the ent that notic for sidetracking operatio is given while the drill g g to be utilized location the resents in all 56 shall be I m ted t forty eight (48) hours, exclusi of Saturday S day and I gal h I'days provided howe er any party may req est and 57 receive up to eight (8) add t mat days after expirat on of the forty eight (48) hours within which to r spo d by paying for all ta d-by time 58 neurred during such extended response per od. If more than one party elects to take such, dd tional time to respond to th. not ce, sta. d 59 by ost shall be allocated between the parties taking additional time to respond on day to-day basis in the proportion each clottle giper 60 ty s interest as shown on Exhibit A bears to the total interest as shown on Exhibit A if II the electric gips ties. i II ther in-61 at nees the respons period to proposal foundation is gishall bill ted to thirty (30) days 62 63 64 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 go produced from the Contract Area. 68 ex l si e of prodiction which may b d in development and prodicing operations and in prepara g a d treat g l d gas fo

69 ma keting purposes and production navoidably lost. Any extra expenditure incurred in the taking kind or separate disposition by any 70 party of its proport of the share of the production shall be born by such party. Any party taking its state of production in kind shill be

A A P L FORM 610 MODEL FORM OPERATING AGREEMENT

ARTICLE VI banoriona

i eq red i pay for only its proport onat sha fee h part i Operator surface facilities which i see

Each party shall execut sund or rders and ontracts as m y b ecessary for the soil f is nterest in produ i fro 4 th Contract Area and, except pr ded I Artile VIIB shall be entitled three a payment directly in the probaser thereof for 5 its share fall prod et n.

in the event any party shall fall to make the arrangements eccessary to take in kind or separately dispose if its proport on the share of 8 th I produced from the Contract Area Operator shall be a thir ght is bject to the revocation at will by the party own gilbit. 9 th obligation, to purchase such o'll or soil it to others at any t d from time to time, for the ecount fitte non-taking party at the 10 best price obtainable is the rea for sich pieduction Aly such pur has or sale by Operator shall be subject always to the light of the II where I the production to exercise at any time its right to take in kind, or separat by dipose. It its share of it oil not previously 12 delivered to a purchaser Any purchas sal by Operat f my ther party s sha foll shall be only for such reasonable periods of

13 time as are collistent with the min min and ods of the industry under the particular incumstances but 14 of n (1) ven

In the event one or more purues exparate disposition. If its share of the gas causes split-stream d lives as to separate pipelines and/or 17 deliveries which on day-to-day basis to any reaso are not exactly expeal to a party espective proport nate shar of tial gis sales to 18 be allocated to it the balancing or counting between the respect accounts of the part es half but accordance with my gas bulancing 19 greement between the part es hereto whether such a agreeme t tacil das Exhibit E" or is separate greement "Se Below

event for a negocial a excess

21 D Acce to Contr ct Area and Inf m tio

Ea h party shall he access to the Co tract Area at all reas nable times, it is sol cost and risk to aspect or between perations 24 a d shall be cess I eason ble tim s to I formation pert iting to the dev l p I or perat on thereof I ludi g Operat s bo ks 25 and records relating there. Operator upo request shall furn h each f the other parties with copies of all forms or reports fied with 26 g verament 1 genc os, do'ly drill ng reports. Il logs tank tables, da ly ga g d run ti k ts and repo ts of stock in h id at the first of 27 each month, and shall make valuable samples if any cores or cuttings taken from any well drilled on the C tract Area. The cost if 28 gathering and furn shing firmat it Non-Operato ther than that spec field is ve, shall be charged to the Non-Operato that re 29 quest the lof rmation

31 E. Abandonment of Wills

32 33

42

30

15

16

I Aband pent of Dry Holes E pt for a y well defiled o depend p rsuani t A tele VIR2 y 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 to be plagged and bandoned 35 without the onsent of 11 parties Sho ld Operator fler diligent ffo t, b unable t co t. t ny party o should y p. rty fall to eply 36 within f rty-eight (48) h urs (exclusi f S turday S nday nd legal holidays) aft coe pt of not f th proposal t plug and aba d 37 s ch w ll su h party hall be deemed t ha consent d to the proposed abandonment. All su h wells shall be pl gged and bandoned i 38 coordan with ppl cable regul to us and at the cost risk of exp f the part es who partic pated in the cost of drilling deepening 39 such w II. Any party who objects to pl gg ag and bond ning such well shall h the nght t tak over th well d cond at further 40 operations in sea chi f 7 d'or gas a by ctit thi pro is ons of Arti le VI B

2 Abandonment of Well th thave P du ed E cept for y well in which Non-C as t porat has been adu ted 43 hereunder fo which il Conseniung Part es ha not been fully reimb rised as herein provided any will which las been complet dis n 44 producer shall not be plugged and abandoned without the conset t f ll part es consent to such abandon nent the well shall 45 be pl gged a d abandoned coo dane with pplicable g latens and t the cost risk of expens fall the part es heret. If with 46 thirty (30) days the receipt finds. Ith proposed bando ment f y !! If parties do not gree to the abandonment of such well 47 those wishing t continue its operation for the terval() fith formation() the open to prodict or shall tender to each of the other 48 pan es is proportional share. I the val. of th. well a salvable naternal and equipment determined in accordance with the provisions of 49 E h bit C less til est mated ost Fsalvaging and the estimated ost of plugging and ba doning Each abando ing party shill ssign 50 th on-abandoning parties, without warranty express or rapiled as titule or as to quantity fitness for use of the quipment and 51 maters I all fitts i terest in the well direlated equipment together with a interest in leasehold estat as to but only as to the m 52 terval or terval of the format o o formation then open to production. If it interest fith also do i g p my is in lades il d 53 gas sterest such party hall execute and del er to the non-abandoni g party or parties - Il and ga fen e, furnited (th interval) or in 54 terv is fith formation or for nations then pot production, for term fonc (1) year and so long it ereafter as oil and/or gas a pro-55 duced from the inter-1 or intervals of thi formation or formations colored thereby such lease to be on the form that the E hib t

57 **Notwithstandi g 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 p oduction or allocation of production from the contract area. Aud t ng of settlem nt
60 record shall also be applicable if taking party and/or operator distrib tes proceeds to the auditing party

56

64 65 66

67 68 69

A A.P L FORM 610 MODEL FORM OPERATING AGREEMENT 1982

ARTICLE VI

I B The assignments or lea es I mated shall encompass the drilling unit pon wh I the well is located Th p yments by nd ti 2 assignments or leases to the ssign es shill be at bailed pointh relationship fitheir respective percentage if participation in the 3 Co tract Area to the ggregat I th percent ges of purts spate ti C tract A ea of Il assignees. There shall be no rea hustment of 4 interest in the remaining portlo fill e Contra i Area

Thereafter b dom g part es hall have no further responsibility lability or sterest in the peration of production from 7 th well in the interval or intervals then open other than th y lu s retailed in any leas made under the terms of this Arti l. Upo 8 q est. Operator shall continue to operate the seigned well for the account of the new abundoning parties at the rates and charges con 9 templ ted by this agr ement, plus my addition 1 ost and charges which may arise as the result. If the separate owners in of the asing ed 10 well Upo proposed abandonment of the producing interval(s) assigned or leased it assignor or lessor shall then ha e the option to If rep refease is prior terest i th will (us gith sam valuate if mula) a diparti ipate in finher operate itherein subject to the pro-

13 14

3 Ab. do ment of Non C sent Operations. The pro is ns f Arti le VI E.1 or VI E.2 bove shall be pplicable a between 15 Consenting Parties i th ent fithe proposed abandonment fa y ell ex pted fron said Articles pro ided however no well shall be 16 perms ently pl gged and abando d les and til ll parties ha ang the right to od i f riher persis as ther is h been tifled 17 of the proposed abandon nent and afforded the opportunity to elect to take over the will in condance with the pro-si fith. Art of IS VLE.

19 20 21

22

EXPENDITURES AND LIABILITY OF PARTIES

23 A. Liability of P rties 24

25 The libility of the part es shall be several or joint collective. Each party shall be responsible by for its obligations and 26 shall b habl only for a proportional share fith costs fide et pi g and perating ti. C niract Area. Accordingly the items granted 27 amo g th parties in Articl VIIB gives a secure only the debts of each so or lly it is not all intents of the parties to create, no 28 shall it is agreement be construed is event ig a mining of the parties and it is agreement be construed is event in a mining of the parties if bloom as partners

31

d Payment Defaults 30 B C.C

32

Each N n-Operator grants to Operator I p n t I and gas rights th C miract Area, and a security interest in its sh 33 of oil a d/o g when extra ted d ts interest i all equipment, to see re payment of its share of expens together with interest thereon 34 at the rate provided in Ext bit "C". To the extent that Operator has a seculty interest under the Uniform Commercial Code of the 35 state, Operator shall be entitled to exercise the eights and remedies of a secured party of der the Code. The bringing of a suit and the ob-36 mil g of j dgme 11 by Operator for the coursed of blockness shall not be dem delect of reled es otherwis ffeet the hen 37 inghts or security interest as security for the paym of thereof 1 dd ton, upo d f uli by any Non-Operat th payment of is share 38 fe peas. Operato still h the right inthout p judice to their ght o remed as a collect from the pirchiser the proceeds from 39 the sal of such No -Operator share of oil and/o gas mill the moint wed by such Non-Operator plus at rest las been p. d. C. h 40 purchaser shall be entitled to rely pon Operator a written statement concerning the amount of a y default. Operator grants a like lien 41 and ex my interest to the Non-Operato it seem payment if Operator's propint onat har if pense-

42 43

If my party fails is nobl to pay its shar of pens within sixty (60) days after endition f statement therefor by 44 Op tor the no diffultu giparts s i 1 dig Operator shall up eq est by Operator pay the unpa diamount in the proport that 45 il interest feact such party bear (the interest fall such part es. Each party so paying its shale of the unpaid amount shall, to biain 46 reimburs entitlereof b subrog ted t the ec rity rights describ dit the for g g paragraph.

49

48 C. Pymut n d Aeco lung

50

E copt as here there spec fically pro-ided Operator shall promptly pay d discharg expenses no med n th dev 1 pm 1 51 and operation of the Contract Area pursua t to this agreement and shall charge each of die parties hereto with their respects e propor ocurat record fith just account large der 52 tonat si res pon h exp se bas s provided i Exhibit "C" Opera hill keep 53 showing expenses incurred and harges and redits made and ecclid.

54 55

Operator at its election, shall have the right from time to time to demand and receive from the other pirities payment in advance 56 If their respective shares of the estimated into it of the expense to be incurred in operations hereunder during the next succeeding 57 month which night many be exercised only by submission to each such party of an itemized statement of such est mated expense tag ther 58 will in invoice for its share thereof. Each the statement and for the payment in dvance fest mated expense shall be submitted 59 on or before th 20th day f the ext preceding m th Each party shall pay to Operator its p oportuonate share. I such estimate within 60 fiftee (15) days after suit est mate and in once is received. If y party fails to pay its shar if said est not with said to the mount 61 du shall bear nterest s.p. ded in Exhibit "C until pa d. Proper adjustment shall be mad monthly between advances and actual 62 pen to the end that en h party shall be a and pay is proport orace shar f citize expenses i π d, d o more.

63 Á٤

64 D Lam tatio | Expenditu

i Drill or Deepen. Without the content of all parties, no well hall be drilled or deepened, except any well drilled or deepened. 67 pursuant to the provisions of Aru le VI B.2 of this agreement. Consent to the drill g or deepening shall include:

A.A.P.L. FORM 610 MODEL FORM OPERATING AGREEMENT 198

ARTICLE VII

```
I D Opt N 1 All coessary expeditues ful drll go deepenig test g mpleting and eq ipp g fithe will unclid g
 2 essary to kage and/ surface facilities.
 4 12 Opts No 2 All essury penditues f the drill gordeep g ditesting fith will When sul will has rea hed it
 5 thonzed depth and Il tests h been o pleted, d th esuits ti creof i must ed to ti part es, Operato shall go mmediat not
 6 to the Non-Operators who h tl ght to part cipat in the completion sits Tl part es recei ig sucl not shall ha forty eight
 7 (48) h ( cl ve f Saturday Su day d legal h lidays) t which t elect to part cipal in the setting of casing and the completion at
 8 tempt S ch election, when made, shall include c use t t - 11 eccessary e pend tures for the completing and eq ipp ag of such well
 9 lud g essary tankage and/or surface fail tes F I famy party receiving such to reply with the per d bole fixed shill
10 const title in lection by that party not to participal it il ost if the completion after not if one or more, but less than all of the parties
11 elect to s t pape and to attempt complete n, ti provisions of Articl VI.B 2 here ( (the phrase "reworking deeps i g or pt gg g
12 back as cont ed Article VI B.2 shall b deemed t in 1 d ompleting 7 sh 11 pply t tile perat s thereafter du ted by less
13 than all part es.
15
           2 R w rk Flug B ck W il i the insent fill parties, no will shall be reworked in agod back e cept well rewiked in
16 pl gged back pursuant t the pr
                                                 of Art 1 VIB.2 filit greement. Consent to the reworking or plugging back of well shall
17 uncl de 11 metessary expend tures and et ng such peret one and complete g nd eq ipp g f so d w II incl d ng necessary iankag
18 and/or su [ facilities
           3 Othe Operations. Without the coisent Call parties Operato shall it indentak by suigh project easonably estimated
20
2) to q an expendit in excess f twe ty five the usand Dollars ($ 25,000 00 )
22 ex ept o meets n with well the drilling, reworking deepening, completing recompleting or plugg g back of which he been
23 previously ill rized by or pursu it to the agreement provided how or that, in case of explosion fre, flood o other sudden
24 emergency whether fit sam ord fferent n to e, Operator ay tak 1 steps and our such expenses as i its op oq d
25 to deal with the emergency t safegua d l f and property but Operator promptly as possible shall report the emergency to the other
26 part cs. If Operator prepa authority for expenditure (AFE) for its ow se, Operato hall f nu h any No Operat r so request g
27 an informat o opy thereof f ny single project cost g i ex ess of _____
                                                                                                             fifteen thousand
                            15,000 00
28 Dolfa ($___
                                                    ] but less than the ount first set forth bo the paragraph.
30 E R t l Si t-i W II P yme ts d Mi im m R y ltses
31
           Rentals h t will payme t and m
                                                                by lites which may be quod under the ten of my lease shall be paid by the
32
33 party or porties who subjected s of leas to till sign ment it is or till en expen. If the elect two or more parties who have co
34 inbuted interests the same least titles agreement such parties may designate four hipothesis to keep designation for and on
35 bel if filsuh prues. Any priy nay request dellibe entail dit re eile, piper vidence fill hipay ents. I till tif
36 finhu t mak pr per p yment of y ental shut-in w li payment o mu num r yolty thro gh m stak craight where such pay
37 nent is req fred to so to see the leas force any loss which results fro In a paym to hill be born in coordance with the po-
38 vis as FArt le IVB 2
39
           Operat hall tify Non-Operate of the antepated compiltion f shit gas will it hittig
ΔN
                                                                                                                                        el m t prod tro
 41 f produce g go w 41 t lea t fi (5) days (ex 1 dang Saturday S d y and legal 1 I day ) at the earliest opportunity perm tted by
 42 circumstan es prior t tak g such tin, but sumes 1 blinty for fl t do so 1 ti ent of failu c by Operat 1 so notify
 43 Non-Operator the loss of any lease of the delereto by Non-Operato for filter to make a mely payment of yight in ill payment
 44 1 ll b born j thy by th part es heret der the plov's ons of Articl IV B.3
45
46 E Tovet
            Beginning with the first c. I dar year fier the ffeet dit ler of Operate shill ender for dival rem taxast on all property
 49 subject to this agreement high by I wishold be endered firs him ear and a shall pay all sulfires issessed then a bolo they
 50 become deling ent. Prior to the notion date, earl N. Operate shall furnish Operator formation as to burden (to include, but not
 51 be him ted to, royalt es, o crindi royalt es and p eductio payments) on leases and o l a d g v interests contributed by such N n-
 52 Operator If the as essentivaling in a first leading to the second of 
 53 ridi groyalties or produ t paymens, the reduction in dival taxes resilting then firm at 11 in rot till b. It Ith. when
 S4 owners f h leasehold estat an Operut shall dij stith chang t such water or water so to fleet the benefit of such reduc
 55 time if fit in divalencement is so eleber to will be part upon separate abuato so fixed party s working interest them notwith be ding
 56 anything to the co trary here n, harges to the jo t account shall be made and paid by the pirites hereto in accordance will the tex
 57 aluc generated by each party s wirking terest. Operator shall bill the other pictures for their proportional ishare if ill tax payments
 58 th manner pr ided Exhibit C
 59
            If Operator siders y to essment improper Operat may at its discret a, protest within the ine and no cr
 61 prescribed by law and pro ecut the protect to final determination less the protest agree to abandom the protest prior to fi 1 deter
 62 mutation. During the pendency of admi istrative or j d ot l proceedings, Operator may elect to p y under protest all such tales and any
 63 terest and penalty. When any such protest of stressment half have been finally determ ed. Operat. shill pay the far for it joint
 64 court together with a yi terest indipenity crued, and the total cost shill then be assessed gainst thip riles. If b paid by it em as
 65 provided i E hib "C"
            Each party shall pay or cause to b pad il prod ction s era ce, ex use gattern g d ther tuxes apposed po or with respect
 67
 68 to ti prodiction o handing faul hiparty's shart of 1 d'origan produced under the terms fithis agree nent.
```

ARTICLE V

1 G Ins raice At all times whill operation increased tool foreunder Operationship with the winking compensation for f 4 th (where the perat being co dicted, provided, his wever that Operator may be diffusive fill liability under said in 5 pensal laws in which e c t the o ly ha ge that shill be mad it ill c joint count shall be as prolided in Exhibit C" Operato shall 6 also carry or provide assurance f th ben fit of th jo 1 ecount of th part as as outlined i Exhibit D trached t d mad part 7 hereof Operat shill require 11 tra tors gaged a work on o fo th Co tr t Area to mply with the workmen c pensat on 8 I w fill stat when the operations are being conducted and time tax such they populate on Operator may be use 10 in the event a mobil p bill blig m uran il specified in said Exhibit D or subseq ently recet es the ppro 1 f th Il purt no d'et h g ball b mad by Op rator for prem ens p d'for s ch surance f Operator sa som t eq apment 12 13 14 ACQUISITION MAINTENANCE OR TRANSFER OF INTEREST 15 16 A S rr d fLeases 17 The leases do cred by the greeme tensofar they embrace creage it. Co tract Area shall not be surreadered in while 18 19 part unles all parties consent ti erei 20 21 H w ca shald any party destall autrender to merest in a y leas any ports thereof, and the ther parties do sot 22 gree or so to theret the party design to surrender shall growth texpress rumpled wurranty of title, all of its i teres 23 h lease o prion thereof and y will in ter! dieq prient with may be located thereo and yingits prodit 24 thereafter secured to the parties of thousanding to such surrender of thousands of the secured to the parties of the design of the secured to the parties of the secured to the secured 25 terest the signing party hill exicut and deliver to the party or parties in the content of the surface and it and go leas do ening 26 s 1 1 digas nierost fo ter of (1) year and s long thereafter 1 and/ 1, s s p d ed from t1 in d ed thereby h 27 lease to b ti f m tu hed here: E hibit B Upon el ssignm nt lease, the assig g party shall be rel eved from 11 28 ohligations if ercofter cru g but theretofore accrued, with respet to the i terest ssig ed or leased and the pet ton flany well 29 ter but bil thereto and the assigning proposal and the assigning the assigned on leased premises of the equipment and ground the assigning 30 dictio other than the royalt ret ed any lea made inder the terms of this Article. The party assig ee or lessee half p y to the 31 party assigno or lesso till ea nabl salvage afte of the latter interest in any well and equipment itinbutable to the assigned or less 32 cd eag Th value I li naterial I il be determited condanc with the provi f Exth b t C less the est mated ost of 33 salvagung and the estimated of Pping good bandoning. If the asign into recise in fivor finor the neparty the torest 34 shall be shired by such parties it ill proportion that the unionest of cach bears to the test interest of ill such parties. Any assignment, lease is trender in dil der til pro o shall not redu o chang the assignor is, lessor is or surrendering mender the balan I the Contract Area and the acreage 37 party interest as it was mild 1 by b fore the assignment leas 38 ssign d leased o surre dered a d subseq ent perato s thereo i li i th eafter be subject t ti ter s d provision if this 39 noreeme i 40 41 B Ren wale Etnso flas 43 If any party ecures enew I fany o I ad gas lease bjoct t tl gree ent, Il other part es shall be notifed p emptly d 44 hall ha ethe right for a period f thirty (30) days following receipt fs chinolice in high test tip it pate the vinership f th 45 renewal lease, s fa as such lease ff cis la d within the C nitract Area, by paying tith pirty who equi ed it this it se eral proper pro-46 portionate shares filte a quisit on cost allocated to that part if such lease will the Court of Area which shall be in proport to the 47 unterests held at that it by the pirt the Cinira i Area If some, but less that all I fill part es elect to part cipat in the policy has in the renewal lease at shall be with a prices 40 50 will elect a part ther in, our based po il rel 1 ship of the resp 1 percentag fight up 10 the Co tract Area 51 the ggrag t of il per entag of parti pati n til C tract Area of all part s partic pating in the purchase I such re ewil lease 52 Any renewal lease in which less tha - Il part es - Ject to participato shall not be subject to this agreement without warranty
wai lea stall b g en assignmen / f 'is prop rilon nieress i Each party who part part the prochase f 54 55 by thacquing pirty 56 The p o issums of this Article shall apply to renowal leases whether they are for the entire it rest colored by the expan g lease 58 o cover o ly portio of its area o an interest il et a. Any en wal lease tak bef re the expiration of its predecessor lease, or taken or rated to with as (6) month flor th expirat. If the existing leas shall be subject to this pro- si but y loase taken 60 tracted f me tl (6) the first h prut f ex t g lease shall of b deemed a renewal lease and shall not b subject t 61 the provisions fihis grees ent 62 The provisions in this Art I shall I dibe poliable to e tension of o'l and gas leases. 63 64 65 C. Acreage or Cash C t ib t While this agree ment us in force, if any party contracts for a contribution [h to varies the drilling of a well or my ther 68 operation on the Contract Area such co tribution shall be paid to the porty who conducted the drilling or of their peration and shall be 69 pol d by ga at the cost of such drill g other perat a. If the trib t on be in the form facroage til party t when the co

70 to built is mad shall promptly tender an assignment of the acreage without warranty of title, to the Drilling Parties in the proportions

A A.P L. FORM 610 MODEL FORM OPERATING AGREEMENT 1982

ARTICLE VIII

I said Drill g Parties shared the cost of drilling the well. Su I acreage hall become a separate Co tract Area d, t the tent possible b 2 g cm d by provi on dentical tithis agreement Ea h party shill promptly tify it ther parties of my creag cash contribit ns 3 it may be an in support of any well or y other per tin th C trat Area. The bove pro sams shall also be policable to p-4 tional rights t cam acreage outsid th Co tract Area which are support of well-drilled used the Contra. Area If any party contracts fo any consideration claims to disposit I such party share of a bisances piod ced hereu der such 7 onsiderati a shall it be deemed contribut contemplated the Article VIILC 9 D. M. tina reofflin form Literat 10 11 For the proces of maintaining out many of watership in the lead of leach lide it crosses a cred by this green 12 party shall 11 no mber tra fer mak ther disposit f is interest the lea es mbri ed with the Contract Area not willis, 13 equipment and prod t les su h d posit co ers eitler 14 15 I thent interest fithe pirty in litenses and equipment diplod ton or 17 2 an equal and ded terest in all leas and equament diproduction the C trait Area 19 Every such sale, enc bra e, transfer or other dispositio mad by a y party hall be mud pressly subject t the gree ent 20 dialibem d without p j d to thinglit of ti ther parties. 21 If, 1 any lim the terest of y party is di ded amo god owned by four more co-owners. Operator 1.1 discretion, may 23 requir such colow or to apport as gi trust gi t with fill thinly to echi es app expenditures relei bill gife 24 d ppro e nd pay such party share fil joint expenses and to deal generally with d with pow t bind this owners fluch 25 p rty s (cr st with) th scop of 0 operations embraced this gr ement; h w ver 11 such o-owners shall h the right tenter

27 A cand thy shall he the ght to receive, eparately payment if the sale proceed thereof
28
29 C. Whiter of Rught to Perfit

If permitted by the laws of the st. t or stat on while the property colored hereby located each party leter wring

32 and declinterest the C tract Area vales my of the strength temps have to part to the to state of the control of the decline at the control of the strength temps have the part to the control of the control of the strength temps have the control of t

26 It and except to II contract growment for the disposition of their espect strates of the I and gas produced from the C test

34
35 F--- Preferential Right to Purchase

36

Should any party-desire to sell all or any part of its interests under this agreement, or its rights and interests in the Control

Account shall promptly give written notice to the other parties with full information contomine its proposed afte, which shall include the
name and address of the prospective purclasser (who shall be ready, willing and able to purchase) the purchase precent all other terms
the after This takes parties shall does have an optional price right for a period of ten (10) days after receipt of the motive, to purchase
in the same terms and conditions the interest which the other party proposes to soll; and if this optional right is exercised the purchased
into parties shall shall the propositions that the interest of each bears to the total interest of all purchasine parties. However, there chall be no preferential right to purchase in those cases where any party wides to mertigate its interests, or to
dispose of its interests by merger reorganization, consolidation, or cale of all or cubisationally all of its assets to a subsidiary or parent com-

46 47 48

40

ARTICLE IX INTERNAL REVENUE CODE CLECTION

This greenest s of ntended t creat and shall not be construed to reate, a rel tronship I partnership 51 f profit between or more the part of at N twithstanding any process that the right and I billies hercunder re coal 52 and not joint or collective or that this agreement and operations hereunder shall not constitut partnership, if for federal income tax 53 purp es this greement and the perati as hereunder at regarded as p titlership each party hereby ffeet d elects t b ex luded 54 from the polical of 11 fth pro as f Sub l pter K Ch pter I S butl A fil Internal R Cod f 1954 per 55 mit d d thorrzed by Sect 761 f th C d and th egulatu as promulgated therea der Operator i thorlzed and darce ed t ex 56 ec to boh if feach party her by ffect disuel evidence of it is elicit may be required by the Scretary fill Treasury fill 57 United States or the Federal Internal Riven e Serva - of dung spec Featily but - t by way of limitatio - II - fithe returns statements, 58 and the data equired by Federal Regulations I 761 Should there be any riquic nent that each party hereby ffected go if riher 59 evidence of this election, each such party shall execut such documents and furnish such ther idenc s may b req ared by th 60 F detail Internal Revenue Service or a may be necessary to evidence this lection. No such party shall give my notices or taking your 61 act o no nusters with the electro mand hereby If any present or future on the I w of the state or states in which the Co trail 62 Area is located or any future i me tax laws of the United Stat s ont pro sions situated those in Subchapter K* Chapter I 63 S bt tie A of the Internal Reven e C de f 1954 under which an electro simila to that p o ided by Sect 761 of the Cod per 64 m tied ea h party her by ffertied shall mak su h election as may be permitted or q ired by su h laws. I making th foregoing lee 65 con each such party tales that the income deri ed by such party from operation hereunder can be dequately determined without the 66 comp t to of partnersh p taxabl me.

ARTICLEX 2 CLAIMS AND LAWSUITS Operator may settle any s gl amoured third party domag la m sunt n g fr perations hereunder f tl xpend ture 5 doc not exceed fift en thou and 15,000 00 ____) and if the payment i i mplet ecoloment f such cl m su t if th mount required for settl ment ex 7 eed the abo mount the parties heret shall assum of tak over the further handlig of the claim or suit it less such who ty 8 d legated t Operator All costs and expens s floandl g settling, or otherwise discharging 1 1 m tishall be 1 th joint 9 penses fith parties participating in the operation from whill it laim suit its. (I it is mad against any party if my party is 10 sued on account of any matter a ing froin operations hereunder over which such inductional has no control because of the rights given 11 Operator by thus greeneed so I party shall mmed t by I for the part es a d the lamo sut shill be treated so y other I m sun olving operations i e nder 13 14 ARTICLE XI 1.5 **FORCE MAJEURE** 16 If a y party is endered nable, wholly or part by fire majeu it carry it its obligat nder this greement, ther tha 18 th obligation to mak on ey payments, that party shill goe to all other parties prompt write to fith free najeur with 19 reaso ably [It particulars con era g it thereup n, the bligations of the party g g tienote s fa a tiey re frected by the f 20 majeure shall b suspend g durt g, but no l ger than, th continuanc of th force maj re. The ffected party shill use ill ea bi 21 dil gence i mo the forc najeure sit atton 13 quickly is pra ticabl The requestion that any fire major shall be remeded the office of states and dispatch half of require the settles ent of stakes 24 lock 1 o other 1 b difficulty by 11 party 1 ed, co trary to is which h wall such difficulties shall be handled slill be 1 by 25 within the discretion of illiparty 27 The term force majeure as here implyed, shall mea act f G d, trik lockout or the industral dist bance act of 28 th p bi en y war bi k d p bi not lightar g. f e, storm flood, explosi g er mental etc. g vertunent l'delay restra t 29 or inct or valiability if q upm t nd y other case whether if th k dispectically enu era ed b 30 not reasonably with thico trol fith party laim gisup si 32 ARTICLE XII 33 NOTICES 34 All nouces the edic equed by een the parties and required by yield fit in the green continuous etherwise 36 specifically provided shall bigi writig by militid gram, postig or larges prepaid, or by tilex telecopier in discussed t 37 the parties to whom the notice it given it the addrisses listed on E hibit A. The oignating it is under any prolitio hereof 38 hall b d emed g von o ly when ecen cd by the party to whom such otice is directed, a d tho i me for such party to guanty notice in 39 respons theret half ru from the dat til originating notice is received. The condition any espinisive office shall be deemed given 40 when depose d I the mail with the legroph company will postage charges prepaid a sent by tilex telecoper Calhip my 41 hall ha il nghito hange is ddess nyti a, difro tim tit byg gwrti nicetiere li lliotheapries. 42 43 ARTICLE, XIB 44 TERM OF AGREEMENT 45 The greenest half cana fill f and effect as to though diga leases do oil ad gas terests subject hereto firth 47 pc od of turn elected below pro ded five er prity heret half e esb trued as har g ny nghit til or terest or t y 48 lease or oil diga crest ontribit diby y therip rty beyond il term filh ign ent 50 DI Ont N ! S log y f th I and go leases subject to this agreement ema or are tint d i force s to y part 51 I the C trait Area whill er by prodiction extinsion re-wal, or it erwise 53 D Opt N 2 I the cnt the well described. Arts le VIA e a y beeq ent will deflied under y provise of the 54 agreement results prodict o find and/or gas in paying quantities it is griement fill in foice so ting any his well or 55 well produle, or are capable of production and for dd uonal period of 180 days from cessatio if ill product 16 lowe or f prior t tl expirati f su h ddn o l period, o more of the parties hereto are engaged in drilling, reworking, deepen 57 g plugg g back tests g o atter pt g t complete a well or wells he cu der ti greeme t shall co unu un f ee until such opera 58 ton h b mpl ted and if product o results therefrom the greement hill co t forc as oro ded I rein in the event the 59 will described in Aircl VIA ny subseq ent well drilled hereunder results i a dry hile, o dio ther well i producing, or capabil 60 of p oducing o l and/or gas from th. C nira t Area, this gree in shall terminat unless drill g deepening plugging back or ework 61 mg p rat ms or n need within 180 day from the date f bandonment fsa d well It is great, how er that til terrunati of this great it half not relied y party lert for stay in billy which las 73 64 corrector to hed prio to the dat of such term intron 65 67 68 69

ARTICLE XIV 2 COMPLIANCE WITH LAWS AND REGULATIONS 3 4 A. Lavs Reg I ti ns and O ders 5 The greenent shall be subject to the conservation I was of the set which the Couract A can a located on the valid rules 7 reg lattic s. and order of any duly constitued reg Litery body of soid state, dit all there policable fideral tail and locallies of 8 d na ces, rules regul too s, d rd rs 10 B G er ing L, w 11 Thus greenne t and 11 natters pert in g hereto nel ding but not I meted t matters if performance, no perf rm no brea l 13 remed as procech as rights dies and i terpretation construen half beig armed and determined by the liw of this state in which 14 th Contract Area is 1 cated If th C truct A ea is two o more stites the law of the state of_ 15 shall g cm 16 17 C Regulat v Ag neies 18 19 N th g her i c ta ed hall grat or b strued t grant Operator th ght thoray t wa or release my right 20 privileges bligat wil is N n-Operators may have und federal still w inder rules regulations orders promiligated 21 under such laws m terene to o l gas d mineral operations in fuel g the l cat n, perat prodiction of will o tracts filet 22 t gor djace ti ti Contra t Arca 23 With respect to operations here id. N. Operators gree to release Operato from any and all loss s, da ges, i) nes il ms 25 and causes faction arising but f dent to o resilting directly or a directly from Operator' interpretation opposition of ules 26 rulings regulations or orders of th. Department of E ergy or predecessor o successo, gene es t. u. extent ich akerpretation or p. 27 pl catto vas mad in go d f tl Each Non-Operat f rither grees i reinburs Operat fo any nounts ppl cabl to su h N 28 Operat ha if produit that Operator my be equired to refund, rebat or pay as a res it if such accorded interpretation 29 gpl cation, I gether with torest dip nalities ther wing by Opera or a result if such incorrect expression ppl cat n. 30 N -Operator thorize Operat t prepa e and sub nit such docume t as may be eq ed t b submitted to il purchase 32 f y crud I ld les des or to any other perso o thy pursuant to the req rem t file Crude O I Wandfall P of t T Act 33 of 1980 as sam may be a ended from time to time (Act). Id any all diregulations or rules which may be assued by the Treasury 34 Department from time to 1 m p rsw t 1 sa d Act Each party hereto grees t furnish y and il certifications or ther formation 35 will chas required to be firmshed by said Acti alt mely man er and i sufficient decitio permut impliance with said Acti 36 ARTICLE XV 38 OTHER PROVISIONS 30 40 41 A. Priority of Operations 42 Notwithstanding nything h in to the cold transition of that when a well drilled under the time of this Agreement shall have been drilled to the objective formation or depth and the parties participating if the will cannot mutually agree upon the sequence and timing of further operations regarding grade 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. Incl. ding the testing and logging of such well at such depth. 46 47 A proposal t plug back and attempt to complete said well above the objective formation (f th re is more than one proposal to plug back the proposals will be considered in ascending order) 48 49 A proposal to deep n said well in order to attimpt a completion below the objective formation (if there is more thin on p) alto de p in this popis l shall be l sided exceeding ord l) ٩n 51 4 A proposal t d track the will and 52 53 5 A proposal to plug and abando the well 54 55 B Notwithstanding any other provisions herein if duil githe term of thi agleement, a well list required to bill it deepened reworked plugged back sidetracked or recompleted or all y other operation that may be gired in order to (1) continue a lease or leases in force and effect or (2) maintain a untitted area or all protein thereof in force and effect, or (3) earn or preserving and interest in and to oil and/or gas and other minerals which may be somed by a third party or which falling in such operation may revert to a third party or (4) comply with a order issued by a regulatory body having jurisdiction in the premises falling in which certain rights would terminate, the following shall apply. Should less that all parties hereto elect to participate and pay their proportionate part of the costs to be incurred in such operation, those parties destring to participate shall have the right to do so at thirs is cost, risk, and expense. Promptly following the conclusion of such operation each of those parties not participating agree to execute and deliver an appropriate assignment to the total interest of each non-participating party in and to the lease leases or rights LIMITED 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 LIMITED TO THE SRO UNIT DEPTHS which the balance of the drilling unit upon which he well was drilled excepting however wells therefore completed and capable of producing in paying quantities. Such assignment shall be delivered to the participating parties in the proportion that they bore the expense attributable to the non-participating parties interest. For the purposes of defining a required operation under this provision such operation will be deemed required if proposed within thirteen (13) months prior to the date such rights would terminate. Notwithstanding any other provisions herein if du i g the te m of thi ag eament, a well is r quired to b d ill d 56 57 58 50 60 61 62 63 64 65 64

This Operating Agreement dated M y 8 2009 supersedes and r places any current Operating Agreement covering the contract area

67

! 2	ARTICLE XVI MISCEI LANEOUS
3 4 5	This agreement shill be binding upo diball inur to thi benefit if the parties hereto and to their respective hears, devisees, it gal epresentate es, successors and stigns.
6 7	The instrument may be a content of motion of counterparts each of which shall be onsidered an ong natifor the opose
9	IN WITNESS WHEREOF this agreement shall be Meetive f Rih day f May (yea) 2009
11 10	
12 13	OPER ATOR
14 15	MARBOB ENERGY CORPORATION
16 17	\$, 00
18 19	Rays Milla RD
20 21	
22 23	NON OPERATORS
24 25	PITCH ENERGY CORPORATION THE ALLAR COMPANY
26 27	Rayo Miller
28 29	YATES PETROLEUM CORPORATION EG3 INC
30 31	
32 33	YATES DRILLING COMPANY ABO PETROLEUM CORPORATION
34 35	
36 37	
38	MYCO INDUSTRIES INC CHESAPEAKE EXPLORATION LLC
40	
42 43	NEARBURG EXPLORATION COMPANY LLC LEGEND NATURAL GAS III LP
44	
46 47	
48	DEVON ENERGY PRODUCTION COMPANY LP
49 50	
51 52	
53 54	
55 56	
57 58	
59 60	
61 62	
63 64	
65 66	
67 68	

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 this 29th day of June	20 <u>09</u>
TRACI(S) See attached Exhibit B	
YATES PETROLEUM CORPORATION	YATES DRII LING COMPANY
By John A Yates Jr Attorney in Fact	By Arbon Yate Apones hyfrici
MYCO INDUSTRIES INC	ABO PETROLEUM CORPORATION
By Sharon Showden Attorney in Fact	John A Yates Jr Attorney in Fact Addre 105 South Fourth Street
	Artesia NM 88210
ACKNOWLED	DGMENT
STATE OF NEW MEXICO)) ss	
COUNTY OF EDDY This instrument was acknowled ed b fore me this 29rh Attorney in Fact of Yates Petroleum Corporation and of Abr	_ day ofInne 2009 by John A Yates Jr o Petroleum Corporation Nev Mey co corporations on
chalaif of said cornerations	Q10 R0
Poula J Batter NOTARY PUBLIC-STATE OF NEW MEXICO	Notary Public
My commission expires: 9 2 2 09	
STATE OF NEW MEXICO)	
) ss	
COUNTY OF EDDY This instrument was acknowled ed before me this 29th	day of June 2009 b Pe ton Yate
Attorney in Fact of Yates Drilling Company a Nev Mexico	corporation on behalf of said corporation
STEEL OFFICIAL SEAL	Souls O Paker
Sanda I Badese	Norm Public
HOTARY FUELIC STATE OF NEW MEXICO	
STATE OF NEW MEXICO	
) ss	
COUNTY OF EDDY) This instrument was acknowledged before me this29th	dance Time 2000 by Sharon Snowden
Attorney in Fact of Myco Industries Inc. a New Mexico con	TO CONTROL OF
,, , , ,	
OFFICIAL SEAL	Notary Public
Proble J. Buker NOTARY PUBLIC-STATE OF NEW MEXICO	140f if y Fuoric
9 a 2. 49	

1 2 3	ARTICLE XVI MISCELLANEOUS
4 5 6	This agreement shall is bunding pon and hall store the benefit in parties hereto in to the respect being devisees, legal representatives, successors and assigns.
E	This instrument many be executed. In your member of counterpass each of which that he considered an original for 11 purposes.
9	IN WITNESS WHEREOF th greenent dhalf be effective (8 h day (Miny (year) 1009
2	OPERATOR
1	MARBOS ENERGY CORPORATION
5	
	Rays Milla
0	,
3	ON OPERATORS
5	PITCH ENERGY CORPORATION THE ALLAR COMPANY
7	May Miller flelige
8 9 0	VATES PETROLEUM CORPORATION ECO, INC. 101 M
1	
	YATES DRILLING COMPANY ABO PETROLEUM CORPORATION
6	
•	NYCO INDUSTRIES, INC CHESAPEAKE EXPLORATION I.L.C
0	
1 2 3	NEARBURG EXPLORATION COMPANY LLC LEGEND NATURAL CAS III LP
4	
6	
8	DEVON ENERGY PRODUCTION COMPANY L?
0	
3	
5	
6	
8	

A.A.P L. FORM 610 MODEL FORM OPERATING AGREEMENT 1982

,		LE VIL LAN QUS
3 5 6	This greatest the be biding upon and that intere the legal operatestatives, successors and sarges.	benefit of the passes here and cir respect bears, dev est,
•	The nature entimely be executed an enumber of counterparts,	each I which shall be considered an original for U purposes
9	IN WITHESS WHEREOF that greated shall be office and	of hith day of Mary (your) 700
	ο ε	το
13 14 15		MARROS ENERGY CORPORATION
17		Rays milla
10 1 23		U
ນ		E ATORS
25 26 27	Rays Mille	THE LLAR COM ANY
29	Y TRESPETROLEUM CORPORATIO	BCJ, INC
12 33 34 35	ES LLI M ANY	OPETR EUM CO PO TIO
1 18 1 10		Ch sapeake Exploration LLO An Oki hom Indentible Simpa y By He ry J Ho d Senko Vice Pros de 1
Ī	MEARBURG EXPLO TION COMP Y LLC	He ry J Ho d Senbot Vice Bros de i L d nd Le al & Ge ral C sei LEGENON TURAL GAS III L.P
45 46		
46	DEVO ENERGY PRO CTION COM ANY LP	
49		
5		
51 54		
5	!	
38	•	
5		
60	•	
6	1	
;	1	
6	1	
71	1	

C 002188

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, NMPM

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

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

Yates Petroleum Corporation 105 South 4th Street

13 028650 %

Artesia NM 88210

6 663396 /

Abo Petroleum Corporation 105 South 4th Street

Artesia NM 88210

6 663396 %

Yates Drilling Company 105 South 4th Street

Artesia NM 88210

Myco Industries Inc

6 663396 /

105 South 4th Street Artesia NM 88210

20 162395 /

The Allar Company P O Box 1567

Graham TX 76450

Chesapeake Exploration LLC PO Box 18496

TOTAL

10 484446 /

Oklahoma City OK 73154

100%

OIL AND GAS LEASES SUBJECT TO THE AGREEMENT SEE ATTACHED EXHIBIT A 1

Exhibit A 1

TRACT NUMBER	R 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	ABO Petroleum Corp Yates Drilling Company MYCO Industries Inc	0 18322480 0 04257430 0 04257430 0 04257430	29 315968 6 811888 6 811888 6 811888
							Marbob Energy Corp Pitch Energy Corp Legend Natural Gas Devon Energy Production Company LP	0 11959360 0 11959360 0 21045550 0 23940960	19 134976 19 134976 33 67288 38 305536
2	Section 33 N/2	320	VB-0576	8/1/2009	0 1875		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
3	Section 33 S/2	320	VB 0569	8/1/2009	0 1875		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

4	Section 34 S/2	320	V 7085	7/1/2009 Prod	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
5	TOWNSHIP 26 SOUTH, RANGE 28 EAST Section 2 W/2	320	VB 0694	7/1/2010	0 1875	YATES PETROLEUM CORPORATION	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 24 175824 98 461536
6	Section 3 E/2	320	V 7438	7/1/2010	0 16667	The Allar Company	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
7	Section 3 W/2	320	V 7461	7/1/2010	0 16667		Marbob Energy Corp Prtch 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

8	Section 4	E/2	320	V 7439	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 24 175824 98 461536
9	Section 4	W/2	320	V 7462	7/1/2010	0 16667	Yates Petroleum Corp ABO Petroleum Corp Yates Orilling 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
10 UNCOMMITTE	Section 5	E/2	320	V 7440	7/1/2010	0 16667	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
11	Section 5	√ w/2	320	V 7463	7/1/2010	0 16667	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

12 UNCOMMITTED	Section 6	E/2	320	V 7441	7/1/2010	0 16667		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	O 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	Section 8 E/2	320	V 7466	7/1/2010	0 16667	Marbob Energy Corporation	Yates Petroleum Corp	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
	a . a .w/a	220	V 7444	7/1/2010- Prod	0 16667	The Allar Company	Marbob Energy Corp	0 19505495	62 417584
16	Section 9 W/2	320	V /444	7/1/2010- P100	0 10007	The Allar Company	Pitch Energy Corp	0 19505495	62 417584
							Yates Petroleum Corp	0 07554945	24 175824
							ABO Petroleum Corp	0 07554945	24 175824
							Yates Orifling Company	0 07554945	24 175824
							MYCO Industries Inc.	0 07554945	24 175824
							The Allar Company	0 30769230	98 461536
							THE MILL COMPANY	0 30, 03230	30 402350
17	Section 9 E/2	320	V 7467	7/1/2010 Prod	0 16667	Yates Petroleum Corporation	Marbob Energy Corp	0 19505495	62 417584
	200.00.2 2,0			, -,		·	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
								0.40405405	
18	Section 10 W/2	320	VB-0677	7/1/2010	0 1875		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

								0.40505405	60 447504
19	Section 10 E/2	320	VB 0695	7/1/2010	0 1875	Yates Petroleum Corporation		0 19505495 0 19505495	62 417584 62 417584
							Pitch Energy Corp		
							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
	5. day = 15. 5/2	320	V 7445	7/1/2010	0 16667	The Allar Company	Marbob Energy Corp	0 19505495	62 417584
20	Section 15 E/2	320	V /445	//1/2010	0 10007		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
							The Allar Company	0 30/03230	30 401330
21	Section 15 W/2	320	V 7468	7/1/2010	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
22	Section 16 E/2E/2	160	V 744 6	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	Chesapeake Exploration LP	Chesapeake Exploration Limited Partnership	1 00000000	320

24	Section 17 W/2	320	V 7470	7/1/2010	0 16667	Yates Petroleum Corporation	Yates Petroleum Corp ABO Petroleum Corp Yates Drill ng Company MYCO Industries Inc Marbob Energy Corp	0 35000000 0 05000000 0 05000000 0 05000000	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	N a bu g Exploratio C mpany LLC	Nearburg Exploration Company LLC	1 00000000	320
27	Section 20 E/2	320	V 7473	7/1/2010	0 16667	Marbob Energy Corporation	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 24 175824 98 461536

RECAPITULATION

Acres of State of New Mexico Lands = 1009 Acres of Fee Lands = 09/ 100%

<u>LEASE BASIS</u>	
TOTAL COMMITTED ACRES	7360
TOTAL UNCOMMITTED ACRES	960
TOTAL ACRES	8320

Unit Working Interest

Aller an Alleria Marian Par		
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 proport	tionately
making new Wi	
Unit Working Interest	
Marbob Energy Corp	0 19477715
Pitch 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

F GENERAL PROVISIONS

1 Defi ti

2_

_

 Join Property shill one the real and person I property subject the greement to which have acting Ploced resistant ched.

Jit Operat shall mea ill operation occasiny propert for the dilopm is peration, plote of dimalence of the Joint Property.

Jit A count hall mea ill operation occasiny propert for the dilopm is peration, plote of dimalence of the Joint Property.

Jit A count hall mea ill occole ship had and red three ved in the condition of the Joint Operations of high red by the Pinies.

Operation shall mea the party designated to condict the Joint Operation.

Nin-Operations shall mea the Pinies in the agreement other than the Operator.

Parties shall mea Operation and Nin-Operation.

Fig. Le. (Sp. rosors 1 tl. mean those emptyees whise pineary facts 1 t. Operations the direct supervision follomployees a d/o in a loo di city imployed the Jit Property mafild operating capacity

"Technical Empt yees" shall mean these inployee his wing special and spirit been by I go le ther professal skills, and whose primary form J t Operation is it hadding of specific perating the disproblem fith beeffit (the J i Prope y

P rson l Expense hill men tra i d'othe cason bi mbu sable penses l'Operat d'employees.

M teri i half mea pe all p operty eq ipment or ppl e q tred held f se th J i Property

Controll bi Milecular shall mea Milthil bih tith time so lassified i ! Milter i Cissification Mild at as an exiter the next of the surface of

2 St tem nt a d Billing

Operat shill bill Non Operaturs or before it lasted y feen him hif the poport nat have fith Jenni Account fill preceding in this hibit. It be extended by start men in hibit if the proper to the start of the property of the property of the start of the property of the property of the start of the property of the pro

- 3 Advanc dP ym nt b No Oper t
 - A U less oth ravise p vided f the perment the Ope t may require the N Opera t day could share fest mated as houtlay f the su ced p minhs operat will fill (15) days ft lipt fithe bill go by the first day film in the fill his days is sequenced which ever the Operation shill adjust on him they bill go to reflect advance record from the Non-Operators.
 - B Each No -Operal shill poy i proport fill bils with if it (15) dy fier ip if paym i not mad with suit it im it umpad bill no hill bea intrest mility at the print rat i effect at Chase Militian Bik the Fraid y of the month. In hid in a new occurs plus 1% the maxim militarian permitted by it policable sury i we the set i which the line is properly i locited which for the less plus items ys fies, conticusts, and other out it collects find am
- 4 Adjstets

P yas of any such ball shill not project by the spin of a young project by the spin of the provided of the pro

COPYRIGHT © 1985, 2004 by the Council of Petrolcum Accountants Societies

anilan n f

5. Aud t A AN Operat po tie if git Operat and all the N. Operators, hill he the right di Operat d'acco i and record relate g to the J i A co 1 f any lendar year with the I venty-f (24) month period follows g the end f nch colenda y provided have the make gif n undit shall no extend hatten for that king of the except o to and the adj stiments of accounts as privided for Paragraph 4 if the Section 1 Where ther inclined in more N. Operat is, the Non-Operator shill make very reasonable from a conduct of the unit manner will be will result co we ence to the Operator shall bear no poon of the N -Operators' and toost incurred der this prayraph is sagreed to by the Operator. The and is shill not be and cred more than on each you will top or approval f Operator except pon the signate or removal fith Operate and shill be middle per se fith se Non Operators pproving such ud B The Operator shall reply is roung to sed report within 180 d ye fit receipt for historian Ann I By No-Op tors Where an pproval other agreement f th Parties or Non-Ope tor pressly required ader other sect as f th A unting Procedure and fithe agreement to which thus A counting Proc dure is it had contains a decontary provision in regard th to Opera shall they il Non-Operators of the Operator's prop sal and the green appro the maje ty time to the N Op rators hall be troll to all N -Operat 11 DIRECT CHARGES Operat hall harn th Jones A with fill we tems Ecological dE rom til Cost curred f the b ft f the J : Property as result f gover m t (regul tory requirements t sail fy m tall need mit ped cabb i the do i Operations. Sil costs may lid rivey f colluscal arch light tre dp lit tolprood as requedb ppic bit vs dregult 2 Retis dRvles L ase rental and royalt es pa d by Operat f the Joint Opera i 3 A (1) Si es d is COprat of Cld emplyee directl emplyed o th J tP porty h d et of 1 Oprat (2) Slames EF still vol Sincrossors i the filled (3) Startes dwg f Tech kal Emplyee dreetly emptyed th 1 at Prope y f such barg or excluded from the overhead ratis. (4) Salari and Le of Technical Employees the temporally permantly assigned and diety employed in the perati th 3 i 1 Property Esuch charge re excluded Com the o erhead rates if hild y va i suckness and disability bifits dioth cust many alloval pand i emplyones whise salam s and wages at h geoble t the J t Acc unt der Prograph 3A f th Sc t / II. Suel t wad h Paragraph 3B may be I need on he and poud to 5" by percent is ssessen to them to fisal and was in harguable to the Jo 1 Acco 1 inder Paragraph 3A if the Sect. It If percent ge ssessm it is sed the rat shall be based - the Opera of C Expedire bt mad nursuan spessing t imposed by government to thorus high ag and cable t Operat see ch geald th J LAce untunder P ragraph 3A and 3B fill \$ Sect. II D P rso I E p se I those employ es whise salaries indivages are elinge bill this I that out il di Paragraph 3A d 3B f thus Sect o II Empl yee Benefits

3

10

11

13 14

15 16

17

18

19

0

_3

- 5

28

30

31 32

33

35 36

17 38

39 40

41

43

44

46

47 48

49

รถ

51

52 53 54

55

56 57

58

59 60

61

63

64

Operator' urrent costs o established plans for employees' group life asura ce h spital zotion, pension in remen stock pirchase third bous, dother benefit plans fail to a ture, applicable to Operatin' labor cost characable to the Joint Account unde Piragraph A and 3B f this Sect o il shall be Op rat c' act 1 eost of to ex eed the percent in streee thy recommended by th C cli of P roleum Accoun Sec et

-COPAS-

5 M I not 2 Motornal purch sed firmshed by Operat f so the for Poperty as provided order Sectif IV O by such Miterial shall be purchased for or tra sf dt 1 J Property as may be requi df mmed (se nd reasonably pra i) d consisten 4 5 with flici I d on in call operati. The ce in lation f rol stocks hill be availed 7 Tra port tie 8 Transpo at femply es dM t incoessa yf the Joi Operat b t bject to h foll i gim lat ns 10 11 A If M terial s moved t the Jonal Prope y from the Operat r's va h se the propert s, no ching shall be mad t the J 1 Account f d sta co greater thin the dista co firm the nearest relibilisupply stire whire liking timal informally sail bil ı 13 or railway rec ive gipo it earest the J il Property inless igneed to by the Pinies. 14 B If sup! Mit nal s m vod t Operat i swarch so ar oth torug poit h s shill be mad i the JiliA tf 15 d to greater than the distocent the corest reliable supply sto here like moternal is formally available. to Iway 17 receive & poil t nea est th 3 1 Property 1 st agreed 1 by the Farm N harg shall be mad 1 the lo 1 A co 1 fo m vi g Mai. I to the properties belongs git. Operat in itess greed to by the Part 18 0 C I the ppl cat f subp ragraphs A and B b ve the p eq alize harge 1 I truck 5 ost vail ble when the 1 I charge \$400 o less lud g coesso I harges. The \$400 vill b adj sted to the m I m st roce thy re mme d d by th C nell FP roleum A au tants Societ es. 3 4 7 5 6 The cost fee imit services, quipment and utility vidid by side wices, epit services, i ded by P ragraph 10 of Sect. II d Par graph a and fS i fill The at fp fseon i onsultant services indico met services of the i personel directly gag d th J mtP perty f such charges or 1 ded from the verhead rates. The st f pr fes onel o suit 1 servi 8 9 or commet services flech ical pissonel and diecity ggd on the Jit Property shall not be harred to hell to Account D less previ sly a reed t by th Part es. 31 32 8 df liki F habyOp t Eq ipm 33 14 A Operator shall hing the Jit Acc of Se of Opera ned quipm at and f cil nes at rates commensum - th cost f ersh p and pera in. S et rates shall includ cost f man t ance repairs, the peratural exp se assurance, xes, 35 36 d p ci t n, and i terest g ss i vestme t less m l ted depreci tiu not to exce d ____ t vel 17 per num S 1 m hall oc diverage inmercial sin thy prevailing the mimed to ear fith Joint Property 38 39 U II of the ges Prograph 8A bove Operat my ict use rate own relitrates prevailing a the medit rea of 40 th Joi 1 Property less 69' F automotive equipme 1 Opera may 1 11 use raies p bi shed by he P trol m M o 41 Tran nort Ass. lat no 43 9 Damages d Los es t J t Property All cost or pince on scary f ith repair replication for the full property middle of constants because fidurages. I sees in in this 46 fire, flood to n, the R, coud at ther cause, covert these result g from Operato gross negligence or willful in second of Operat shall flurnish N Operator with i of d mage I sees i med as as praiteable it report th reof has 47 48 been rec ved by Op rat 49 Lulepese 20 10 51 57 Expense f bandl L vest Lat g nd selft g light cm laums, discharg g of l paym i f j diame i and m ni pa d f settl me t of la ms no med t o results g from operations under the agreement or necessary to protect or recover the Joint 53 Pope y pt the clarge f servi f Oper tr' legal staff f es pe se f utsed treey shill be no d'uniess prousty greed t by the Part All ther I gat expense i a dered be vered by the extend proons f Section III 5 55 56 nl ss there so greed t by the Part s, ex opt as provid d i Secti 1 P regrapt 3 57 28 H 59 60 All taxes f very kind ind it is assessed i ed por t will the J nt Property the peral there for the 61 produc to therefrom, and high t as have been paid by the Operator for t) bon fit of the Parties If the ad valorem tax are based in whol or i part pon separa valuations I ea h party's workly necrest the notwithstand & 4 ything to the contrary here n, 6 63 harges to the J last Account shill be made and paid by the Partie hiret if accirdance in the to live goested by each pany? 64 work & test 65 67 68 69 70

-COPAS₇

1	12.	Insura
3		Not prema ms paid for a surance required t be comed for the J mi Operati for the protects of the Parties. I the cent so t
4		Operation are undusted 1 stat which Operator may act as self asurer f Wirker's Compensation and Employers Liability
5		der il respect e sint s la s. Operator may i ris lecti i had the risk und is self resurance program nd in that ex t,
6		Operator hall incl d hary at Operat r' st not to seeed manual rates.
8	13	Aband nm t d Reclam ii
9		
10		Costs in urred f band nm i film to at Property nettading out req red by government librather regula dry thomas
11	14	Company about an
13	14	Comm nicali ns
14		Cost facquing leasing stalling peraiting reporting nd maintailing communicat ystems, uncluding and and micro value
15		fellies directly serving the Jol P perty in the event communicate facilities syline serving the Ji Property re Opera or
16 17		owned charges to the Ji i Accoom shall b de as pronded Paragraph 8 fill is Secti II
18	15	Oth E pendit re
19		- Farmer 14
20		Any ther expend ture 1 cove d deals will is the foregong provisions of the Section III or i Section III and which is fidirect
21 2		h neffi the folm Propony and i curred by the Operat in the necessary and proper to duct of the J i Opera ons
23		
24		III OVERHUAD
25	_	
6 27	•	O h d Desiling and Producing Op rati s
28		i A compensation for administrati supervi n. If co services and varehousing sits, Operation that charge dilliging
29		producing operati so culier
30 31		/ V APPARTMENT Programmes 111
3		(X) Fixed Rat Basis, Porograph IA or (Prent ge Basis, Porograph IB
33		, , ,
34		Unit as thenwase gred to by the Paries, such living shall be a lieu of cost of exponses of 11 offices and salanes o vago
35 36		pl appl ble burde s dexpenses of 11 personned xeept those directly hargeabl under P ragraph 3A, Section 11. The si and pense fise vi from ut do so roes connection thin this fixe that the fill counting miners is force
37		and pense fise vi from unide so rees connection than this flax that counting miters blace avoiding governmently half be considered as ild dit to overhead tales proved display the bove selected Prayant
38		fil S I on III unless su h cost and expense are greed t by th Part as direc haig the J Acen 1
39 40		
41		The sall ris, vages and Personal E person f Technical Emplyons adder the cost if profession i onsultant serve and tractisery a soft chalcol personal id rectly implyed to the ill Property
40		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
43 44		() shall be covered by d werth deat s, o
45		(X) shall not be ered by the vertical rates.
46		ii The salaries, wage and Person I E penses of T chancal Employee d/o ast of professional consultant service and
47		contract service f tech call p soon is the temp rainly or permane thy suggest and directly simply yed in the opera on f
48 49		the Jo t Property
50		(X) hall be ocred by the over bead rates,
51		() hall not be covered by the enhead rate
52 53		A Overhead Fi ed R Basi
54		Connego 2) on R DOD
55		(1) Operator hall harge th J 1 A count of the follow g rates pe 11 pc m h.
56 57		Pull and VIII and Common Annual Common Annua
58		Onli ag W II R te S
59		,
60 &L		Prod i _b W II R (\$ <u>600,00</u>
61		(2) Applicate for reead Fied R t B sas shall be as fill was:
63		• • • • • • • • • • • • • • • • • • • •
64		() Dilg Well Ra
65 66		(1) Changes I drilling vell shall beging the digit vell i spudded of annimate the digiting
67		(1) Charges f drilling vell shall beging the ditit vell i spudded dit minato the ditting good minato and its sed completto fithe vell is reliased whichever is in a ceptith time.
58		
69		
70		



l					OOM
	1			el 150 sh li be mad dun g suspens. I drilling o completi operali ns l' fil en (15) m re	
	3			sec i ve lenda d ys.	
l	4		(2)	Charges f well derg g any type of varkove or rec application f period ff e (5) consecut we work d ys	
l	S 6			or m re shall be made at the d tiling that. Such hinges shall be pplied for the period from dat without operations, with right or other list used in worker operations, with right or other list used in worker or commence through date of right or the limit.	
I	7			release, at pi that no h rgo shall be m de d g suspensi f operations for fricen (15) or m re	
	8 9			co secutive cal d d y	
l	10		(b) Pod	tue ng Well Rajes	
	11		/IX	A cross small either word code miles d at Connection and a little and	
l	13		147	A ct vo well either produced imject dini for any poruo of thina tilish !! be considired as in -well hargo for thi entire month.	
	14 15		~	Park and amendment with a subtraction of the subtra	
l	16		(2)	Each a tive completion i multi-completed well i his production i not commingled d with it shall be considered as a anci-well that g providing on a completion is considered separate well by the	
	17			g mil gregul tory ho ty	
l	18 19		(3)	A inalve gas elishii becase of verprodicts fail re of pu hase i ik the productio !!!	
l	20			be cound red a covell harge p dmb th gos II ad really connected to permane sales the	
	21 22		(4)	A one- Il ha g shall be mad f the month in which pligglighed bandonment operations impleted on	
	23			any veli. The one well charge shall be made whether of notify well has produced except with drilling in the little of the charge shall be made whether of notify well has produced except with drilling in the little of the charge shall be made whether of notify well has produced except with drilling in the little of the charge shall be made whether of notify well has produced except with the little of the charge shall be made whether of notify well has produced except with the little of the charge shall be made whether of notify well has produced except with the little of the charge shall be made whether of notify well as the little of the	
l	4 25			rat applies.	
١	6		(5)	All ther inactive wells (in I ding but at I mited t inactive wells covered by mit also bit lease	
ĺ	77 76			llowable, tra sferred II vable, tc.) shaft not qual fy for an overhead charge	
l	29	(1)		rates half be adjusted as fith first dy of April each you fill wagth fit tive dit fith gre mant this	
l	30 31		this A	ting Proced is tracted by the percent nearenso decrease published by COPAS	
l		B Ove	erlead Pre	ag B si	
l	33 34	(1)	Operator s	hall cliag the Jint A count in fall grates:	
l	35 36		() Devi	alaumar.	
١	37		() 201	портык	
l	38 39			Per ent (
ŀ	40			a de la	
١	41 42		(b) Ope	rati b	
l	43		_	Percent (
l	44 45			or Paragraphs 2 and 10 f Sect II, all salvage redus, the lue f ject d substance purchased f dary recovery and II to es and seessment who have I vied assessed and pod from the numeral trest i	
l	46			t the Jo C Property	
ĺ	47 48	(2)	Applic tic	of O thiad Perc i ge Basi hill be as full we:	
	49			•	
	50 51			pose of diterm geberg perce tag basa nder Prograph BB fith Sect III devel pme tish ll I costs in connection victo dill genedalling, deepen gior any remedial operation y all wills in living	
	52		th use o	of drilling rig and new capable f drilling to the producing, at eval on the Just Property also preliming	
1	\$3 54		expenditu borq ea	res essay in preparation for drilling and expend tures incurred bandoning when the well is not completed use and rightal cost featurection install on f fixed assets, the expansio of f cd assets and any other	
	55 54			early discernible as fixed asset, except M j. Construction defined in Pragraph 2. If this Section III All	
١	56 57		und osl	shill be cod red as peroligi	
	58 Z 59	Ove head	d M jo C	s trued n	
		T comp	e sat Open	of fo o enhand costs I world if instruction and fistalitation if fixed assets, the expansio is fixed assets, and	
ļ	61	-		arly discertable fixed seat required for the development and pera ion f the Joint Property Operator shall print the bigs of construction, or shall charge the Joint Accounts on the fact based on the fall or grates.	
١	6 63			print to 0 gr g of comp method, or small example line John According to extress defect on the John of g rates to project in excess of \$	
	64 65		ς α .	of Frst \$100 000 or tot 1 cost of icss, pi	
١	66	~	% (12 - 131 - 4-45 - 450 - 11-4 - 1-4 - 1-4 - 1-4 - 1-4 - 1-4 - 1-4 - 1-4 - 1-4 - 1-4 - 1-4 - 1-4 - 1-4 - 1-4 - 1	
	67 68	B	3_%	of asi excess \$\$100,000 but less than \$1 000,000 pl	
į	69	c	y	f sis in cess of \$1,000,000	
l	70				
ı					



1		•
1		Till ost shall mea the gross of fatty ne project. For the purpose fithis par graph, ill omp ment parts of saight project hill
2		not be rented separat 1 dill cost fdrillung and work or well and it firs 11 ft q pricent shall be cluded
3	3	
5	,	C to trophe O th d
6		T compensat Operat fo erhead ost i wired i the went fcpndtres resulting from a single course d to i spill
7		blus, explicit. Inc. on himcand or other class phosis proced to by the Parales, who have eccessary to restore the John
8		Property 1 th equivale 1 co ditio th 1 existed pri 1 tile en 1 causing the expenditures Operato shall ther negotiat rat
9		prot charge gibe f 1 Account or shall charge the Joint Account for overhead based on the fill grates.
10 H		A
12		V - 2 . WILLESS 2011 CLE 2100/1000 N 2
13		B 3 9 of tot 1 ost 1 xcess (\$100 800 but less th \$1,000 800 pl
14		·
15		C
17		Expendit res subject he verhead bove will the reduced by insurance relieves, and other terhead priviles of this
18		Scoti Ili shali pply
19		
20	4	Arme diment fR tes
2.		The enhead rat a provided f the Sect. Ill may be mended firm on other only by mustal green at bive the Partesh reto
23		if pro 1 cc, the rates re fo add t bells first tor cessave.
24		
2		
26 27		PRICING OF JOINT ACCOUNT MATERIAL PURCHASES TRANSFERS AND DISPOSITIONS
28	Operat	i responsibil fo Jona A. i M. i land shall make prop. d tm ly bay s and redits fo all M tenal movem its affecting the
29		perty Oper to half provid. If Material for use on the J. I. Property however. Operator's prion, such M tenot may be supplied
30		fon-Operator Operat shall make timely disposit of die and/or surplus Mat al such disposal be g mad either though sal to
31	of No -O	or Nn-Operatr division in kind or salit isaders. Operato may pirchase, bit shall be und no bligation to pichase iter si perati surpli nd I on A or B Mit I The disposal fisurpli Contrill bli Mienal not purchased by thi Operati hill be appreed
33	t by th 1	
34	•	
35	ı	P hases
36		Marie Landsond de When Arrest a the married by Origin 10 and 10 arrest 10 ar
38		M ten i purchased shill be harged i the pice pand by Operato. Her deduction if ill discours received if case if M tenal found to be defective or roturned it wendor so any other reasons, cred is hill be passed it he J int Ace unit who adjusts it has been ease ved
39		by th Opera or
40		
41	Z	Transf rs and Di p iti
43		Material furni hed t th J int Property and Material transferred from the July Property disposed of by the Opera less
44		thereuse agreed t by th P rise hall be priced the fill wit glosses of ve footh disco t
45		
46		A N Milital (Credito A)
48		(1) T b G od Other than Lin Pipe
49		
50		() T build goods, sixed 3/8 oches OD and larg except line p.pc, shall be p.cd I Castern mill published cort of
51 52		base price. Ifective foll for venient plus transportat at salesing the 80 000 pound extraght basi to the extra y receiving por tinearest he fit Prope y for white politish of raits as for unblar goods wist that
53		80 000 pound ral tate is not offered the 70 000 pound or 90 000 pound rail rate may be used Freight charge
54		for the Levill be call lated from L rain, Oh and call gifton Youngstown Ohio.
55		
56 57		(b) I grades then are special to on milk by prices shall be computed a the mill base. I that mall plus trains no ost from that milk take malway receiving point earest the Josa Property as privated above. I Paragraph 2.A.(1)(a)
58		Fo transportation cost from points other than East in mills, the 30 000 pound O I Field Haulers Associat constat
59		truck rat shill be sed
60		As well a with a bound that the same of th
61		() Special ad finish tubular good shall be priced to the lowest published ut-of stock price f b H ten, T xas, plus transportation at gO! Field Haulus Associto ast 30,000 pound nuck rate, to the rativaty receiving
63		point nearest the foint Property
64		
65		(d) M carons tubi , (size less than 2 3/8 inch OD) shall to price 1 the I was published out-of stock pices f.o.b. the
66		supplier plus transportal costs, well, the OI Feld Haller Association (term e truck rat per verght of
67 68		this giran ferred to the rall year vang point meanest the Joint Property
69		
70		
1		

		V
1	(2)	Line P pe
2		
3		() Lin pipe m verments (except are 24 acts OD and larger with walls % chi and very 30,000 pounds or on shall be priced and provise. I ubular good partie if Paragraph A (I)(1) s provided to be a Engage because
3		shall be priced ind provise. I utualar good price g i Paragraph A (I)() s pro ded ab vo. Freight harge shall be calcul ted from Lora n, Ohio.
6		
7 8		(b) Line Pipe movements (e cept size 4 in h OD d larger with walls % ch and over) less tha 30,000 pon d
9		hall be priced at Eastern mill published and disserprices ffective as of dita fishipment pit the percent mist receilly recommend diby COPAS plus transportation as a bised freight rates set fith diprovises of
10		b larg ds pri ing in Paragraph A.(1)() as pro ded bove. Freight ch rg. ball b calci lated from Lorain Ol
l1		
l 13		() L p pc 24 inch OD a d vr and ¼ i ch wall ad 1 rg shall be p ccd f b the p int f ma fact re t curr t w published prices plus transportat o co t t the railway receiving point in arest the Joint Property
14		w hospitation friends from transferment of the first transferment & Bourn is made the total problem.
15		(d) Line pipe, incl ding fab ated ine pape, d we pape and could talist d p bi shed price is stable b priced t
16 17		quited pices pills fielght tithe railivary recessing point neurest the lill Property or at price agreed to by the Parties.
18	(3)	Other M to I shall be piced tithe sume new pice. Meet at dit fime me i as ist d by relibil supply at re
19		ca still I tP purty p t f ma fact re, pl tansports coll fappl bl t th railway rec vis poil
ار ا		earest the Joi 1 Prop. rty
22	(4)	Un sed ew M tenni e cept i bul goods, m ved from the Jo i Property si il be p ced i th curre i new p ce, if ci
3		o dat f in vem nt as I sted by a reliabl supply stre near st th J nt Property o point of mo facture plus
4		transport to osts, if applicable, to the antway receiving polynearest the Jos 1 Property Unused new tub lim to 11 be
5 26		p ced as p vided bowi Paragraph 2.A.(i) and ()
7	В	Go d Used M t nal (Condit o B)
28		
29 30		Mit 1 so nd discreteable condition disput bill so with the inditioning
31		(1) Matern 1 mo red the Joi t Property
3		
33 34		At seventy I've percent (15%) of current new pice, as dit imilied by Paragraph A
3		(2) M on Pused and m ved fr m the Joi Property
36		
37 38		() At seventy five pro: 1 (75%) f unre to α ρ soft rmiled by Paragraph Λ if M t al va ο μ nally
39		harged tith J tA co t see Mat for
40		(b) At saxty (ve percent (65) for mentines, price of terms of by Pingraph A, if Matinal was originally in rg of
41 42		t th J t A co t as used M tenal
43		(J) M ten I not used on d mored from til Joi i Property
44		• •
45 46		Al seventy I'vo perc nt (755) of current price as dir mid by Piragraph A
47		The Lofrec disorong Cany shill be been bed by the transferring property
48		
49 50	c	Other Used M ten 1
50 51		(1) Condi o C
5		
53		Material bith 8 not in sound and serviceable condition a d not suitable for its ong nal Autonom until offer
54 55		reconditioning shall be proced at fifty percent (50°) of current new price as determined by Paragraph A. The cost fired dill ning, hall be harged to the receiving property provided Co dition C value pills cost of relief in
56		does not exceed Co of tion B Tue.
57		m district
58 59		(?) Cand I on D
60		Motorial excl ding junk no I ager suitable for its original purpose, but sable for some other purpose shall be pixed
61		basis commensurar with its use. Operate may dispose of Conditio D M ten I nd proced normally
62 63		sed by Opera or without pri appr val of Non-Opera ors.
64		() Cs g t bung d'll p per sed. I ne p per shall be p ced as Grad A nd B seaml as li piper f mparabl
65		siz nd weight. Used castig, to gordrill pipo till od as li pipe hall be piccol at asad I ve pupe pri es.
66 67		(b) Cass g, tubing d II p per sed as higher pressure service lines than standard line pipe e.g. power oil lines, shall
68		to the priced under normal printing procedures for easing unbig, or drill pape. Upset a bular goods shall be priced
69		on upset to s.
70		

(_



(3) C ndit C 2 3 I k hall be p d t pre il g pri es. Opera may d spose f C d . E Mat ri I nd procedure meally t lized by Opirat thus propproval fix -Operal D Obsolet Mate I 7 M creal which serviceabl and sable for it ginal fuet but and i and/o val of such M tersal i t 9 equivalent to thit which id just by price as provided about may be specially priced as agreed to by the Prices. Such 10 price I ould result that A ni bel & harged with the value of the service rendered by such M terral 11 1 E. P LCond 13 14 (1) Load e load gost my be chuged to il ltA tatil rate of t ty five cent (25¢) as h dred . il tubular goods m vem 15, i l f unl loading or loading osts sustained the stocking point 16 The bree call shall be dyild of the fix day of April calby follow g January 1 1985 by the sam 17 p rc g i crease d case used to adjust verhead rates Section III, Portagraph I.A.(3) Each year th rate calculated hill b ro ded t the corest cent and half be th rat in effect until the fist day fixp i next year 19 Sich rat shall be piblihed each year by the Council of Petroleum Aceo italis Societies. 20 ١ () M tenal I here to as hill be harged a applicable pere tig. If the me tik ocked-d was price f 2 MIL 23 24 3 T mi Pries ے 26 Who wer M ten i no eadly b i bi t p bished or listed prices because I nat not morgen at kes or the nusual 27 case over which the Operate has the Operator may hang the Juni Account for the required Mat. Lat the Operator 79 act I cost incurred pr d g su h Maten t, i making t s ibi fo se and i m vig t to the Joi Property provided noti i wrig furnihed Non-Opera ra f the proposed has political Non-Opera of such Mit i Eah 29 30 N Operator shall have the right by so locting and not for a Operator with the days it recenning notific to Operator them shall 31 kind loor port of 1 sh fisu h Mit I sau h I se nd eptabl 1 Operat 3 33 W rea ty of M t ini F rai h d By Op rat 35 Operation do not rarra the Mitterf I furnished. In case of differ time Mitter I red t shall not be passed. The Juni A co 1 36 at I adjustment h be accived by Opera from the man first rors the gent 38 39 V INVENTORIES 40 41 The Operate shift made to it of the direct red. [C troll b] Militial 4 43 1 P sodi I ve t ri N i d R prese tation 44 45 At reasonable intervals, we to eshall be then by Operator of the Jost Acc. I Controllable Material Wittle notice of intimate the state of the state 1 k i entory shill be gt by Operator at least thirty (30) d ye before a y i ve ry i t began that N a-Operators may b 46 47 epresented when y trive tory it is that Faire if Non Opera ors to be represented to t ry shall blind N Op rators t accept 48 the vent yeak by Opera 49 SO 2 Ronillati nd Adj tm tfl tre 51 th J A is higherenth respectation of a physical in story shall be made with a x months file by 63 the title of the liven my live my adj ments shall be mad by Operat to the J. Account of rages and shirtages, bit 54 Operator shill be lild occur bli only fill the geld lines freasonable did g 55 56 Sa III ve tories 57 58 Spe iad went me may bit whenever there I any sale, ha go funt rest, that i Opem o in the J nt Property It shill be 59 th d ty fithe party self & t tify all h Parties as qui kly as possible fit the rather for terest tikes place I such cases, both 60 the sell and the prehase in this generated by such wentery I sees I vol & 1 get Operator it Parties of 10 being were of 61 by sucl year ry 62 63 Expe of Conductore 1 forces 64 A The expe se if conduct ig period inventiones shall it be harged tithe Joli Accoli less greed tiby the Pirites. 65 66 67 B The spe se of conducting special vento as shall be charged to the Pri, requising such went as, except livent as required due ticli g. (Operator shill be charged to the Joint A. o. t. 68 69

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 Prich Energy Corporation et al as Non-Operators

- 1 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 colowner 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. Colowner 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 or (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 royalities overriding royalities 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
- 5 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 overproduction 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.

- 7 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 signs 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 A M 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.
- 9 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.
- 2) The Operator will in all solicitations or advertisements for employees placed by or on behalf of the Operator state that all qualified applicants will receive consideration for employment without regard to race color religion sex or national origin
- 3) The Operator will send to each labor union or representative of workers with which Operator has a collective bargaining 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 11248 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)