

BEFORE THE OIL AND GAS CONSERVATION COMMISSION  
OF THE STATE OF COLORADO

IN THE MATTER OF THE APPLICATION OF	)	
NOBLE ENERGY, INC. FOR AN ORDER TO	)	
VACATE ORDER NO. 535-69 AND	)	Cause No. 535
ESTABLISH THE KUMMER EXPLORATORY	)	
STATE UNIT IN THE CODELL-NIOBRARA	)	Docket No. _____
FORMATION FOR SECTION 23, TOWNSHIP	)	
8 NORTH, RANGE 61 WEST, 6TH P.M. IN AN	)	
UNNAMED FIELD, WELD COUNTY,	)	
COLORADO	)	

APPLICATION

Noble Energy, Inc. ("Applicant"), by and through its attorneys, Beatty & Wozniak, P.C., respectfully submits this Application to the Oil and Gas Conservation Commission of the State of Colorado (the "Commission") for an order vacating Order No. 535-69 and establishing the Kummer Exploratory State Unit ("Unit") pursuant to C.R.S. § 34-60-116(2) and C.R.S. § 34-60-118 for the purpose of drilling and producing of wells from the Codell-Niobrara Formation underlying certain described lands in Weld County, Colorado and in support of its Application states and alleges as follows:

1. Applicant is a corporation duly authorized to conduct business in the State of Colorado.
2. Applicant owns leasehold interests in the following described lands and the acreage encompassed therein:

Township 8 North, Range 61 West  
Section 23: All

Weld County, Colorado (hereafter the "Application Lands").

3. Applicant has executed a surface-use agreement with regard to the Application Lands. Applicant owns 100% of the leasehold interest under the Application Lands.
4. On September 19, 2011, the Commission issued Order No. 535-69 which, among other things, established forty approximate 640-acre drilling and spacing units, and approved up to two horizontal wells within each unit, with the treated interval of the wellbore for the permitted wells to be no closer than 600 feet from the unit boundaries for the production of oil, gas and associated hydrocarbons from the Niobrara Formation. Section 23, Township 8 North, Range 61 West, 6<sup>th</sup> P.M. is subject to this Order for the Niobrara Formation.



5. Applicant hereby requests that the Commission vacate Order No. 535-69 with regard to the Application Lands.

6. Applicant further requests that the Commission establish an exploratory state unit pursuant to C.R.S. § 34-60-116(2) and C.R.S. § 34-60-118 for the Application Lands. Applicant requests that it be allowed to drill an unlimited number of horizontal wells within the boundaries of the Unit for the development and operation of the Codell-Niobrara Formation, with the intent to initially drill up to eight (8) wells drilled within the Unit, with each internal wellbore to be located at a minimum of 150 feet from any treated interval of another horizontal well within the Application Lands. The creation of this proposed Unit does not alter the previously established setbacks to the outer boundary of the Application Lands. The requested relief will allow the Applicant to effectively produce hydrocarbons while protecting the correlative rights of adjacent mineral owners outside the proposed Unit boundaries because established and ordered setbacks will remain in effect from the outer boundary of the Unit.

7. The Unit and bottomhole location considerations outlined above will prevent waste and are reasonably necessary to increase the ultimate recovery of oil or gas from the Unit. Further, the value of the estimated additional recovery of oil or gas exceeds the estimated additional cost incident to conducting such operations.

8. Applicant hereby requests that the Commission create an exploratory state unit pursuant to C.R.S. § 34-60-116(2) and § 34-60-118 for the Application Lands.

9. The Applicant will enter into a unit operating agreement for the above-referenced acreage by the date this matter is heard by the Commission. The operating agreement sets forth terms that are just and reasonable and will prescribe a plan for unit operations pursuant to C.R.S. § 34-60-118(4).

10. The Applicant will be named the operator of the Unit.

11. The Unit Agreement and Unit Operating Agreement will be approved by the parties who will pay at least eighty percent (80%) of the costs of the unit operations and by the eighty percent (80%) of the royalty owners pursuant to C.R.S. § 34-60-118(5).

12. In order to promote efficient drainage within the Codell-Niobrara Formation underlying the Application Lands, the Commission should establish the Kummer Exploratory State Unit. Unit operations will more efficiently produce hydrocarbons from the mineral interests on these lands.

13. Pursuant to COGCC Rule 401, the following exhibits are attached hereto and incorporated herein by this reference:

a. Exhibit A - a map showing the Unit Boundaries;



- b. Exhibit B - a map showing the existing well and proposed wells upon the Application Lands;
- c. Exhibit C - a description of the plan of operations for the Unit;
- d. Exhibit D - a draft form of the Unit Agreement for the Unit; and
- e. Exhibit E - a draft form of the Joint Operating Agreement for the Unit.

14. The names and addresses of the interested parties in this Application according to the information and belief of the Applicant are set forth in Exhibit F hereto.

WHEREFORE, Applicant respectfully requests that this matter be set for hearing, that notice be given as required by law and that upon such hearing this Commission enter its order consistent with Applicant's proposals as set forth above.

Dated this 2nd day of November 2012.

Respectfully submitted,

NOBLE ENERGY, INC.

By: 

Jamie L. Jost  
Elizabeth Y. Gallaway  
Beatty & Wozniak, P.C.  
Attorneys for Applicant  
216 16<sup>th</sup> Street, Suite 1100  
Denver, Colorado 80202  
(303) 407-4499

Applicant's Address:  
Noble Energy, Inc.  
ATTN: Zach Shearon  
1625 Broadway, Suite 2200  
Denver, CO 80202



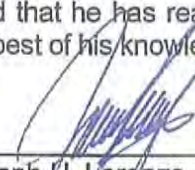
VERIFICATION

STATE OF COLORADO

)  
) ss.  
)

CITY & COUNTY OF DENVER

Joseph H. Lorenzo, of lawful age, being first duly sworn upon oath, deposes and says that he is Attorney-in-Fact for Noble Energy, Inc. and that he has read the foregoing Application and that the matters therein contained are true to the best of his knowledge, information and belief.

  
\_\_\_\_\_  
Joseph H. Lorenzo  
Attorney- In-Fact  
Noble Energy, Inc.

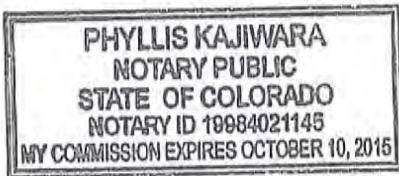
*DS*  
*CMK*

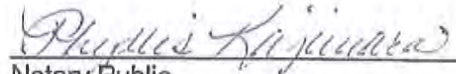
Subscribed and sworn to before this 1<sup>st</sup> day of November, 2012.

Witness my hand and official seal.

[SEAL]

My commission expires: \_\_\_\_\_



  
\_\_\_\_\_  
Notary Public





BEFORE THE OIL AND GAS CONSERVATION COMMISSION  
OF THE STATE OF COLORADO

IN THE MATTER OF THE APPLICATION OF )  
NOBLE ENERGY, INC. FOR AN ORDER TO )  
VACATE ORDER NO. 535-69 AND )  
ESTABLISH THE KUMMER EXPLORATORY )  
STATE UNIT IN THE CODELL-NIOBRARA )  
FORMATION FOR SECTION 23, TOWNSHIP )  
8 NORTH, RANGE 61 WEST, 6TH P.M. IN AN )  
UNNAMED FIELD, WELD COUNTY, )  
COLORADO )

Cause No. 535

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

**AFFIDAVIT OF MAILING**

STATE OF COLORADO )  
 )ss.  
CITY AND COUNTY OF DENVER )

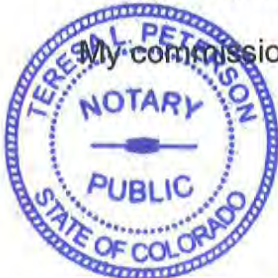
Jamie L. Jost of lawful age, and being first duly sworn upon her oath, states and declares:

That she is the attorney for Noble Energy, Inc., that on or before November 13, 2012, she caused a copy of the attached Amended Application to be deposited in the United States Mail, postage prepaid, addressed to the parties listed on Exhibit A to the Amended Application.


  
\_\_\_\_\_  
Jamie L. Jost

Subscribed and sworn to before me on November 2, 2012.

Witness my hand and official seal.



My commission expires: 10-04-13.

  
\_\_\_\_\_  
Notary Public

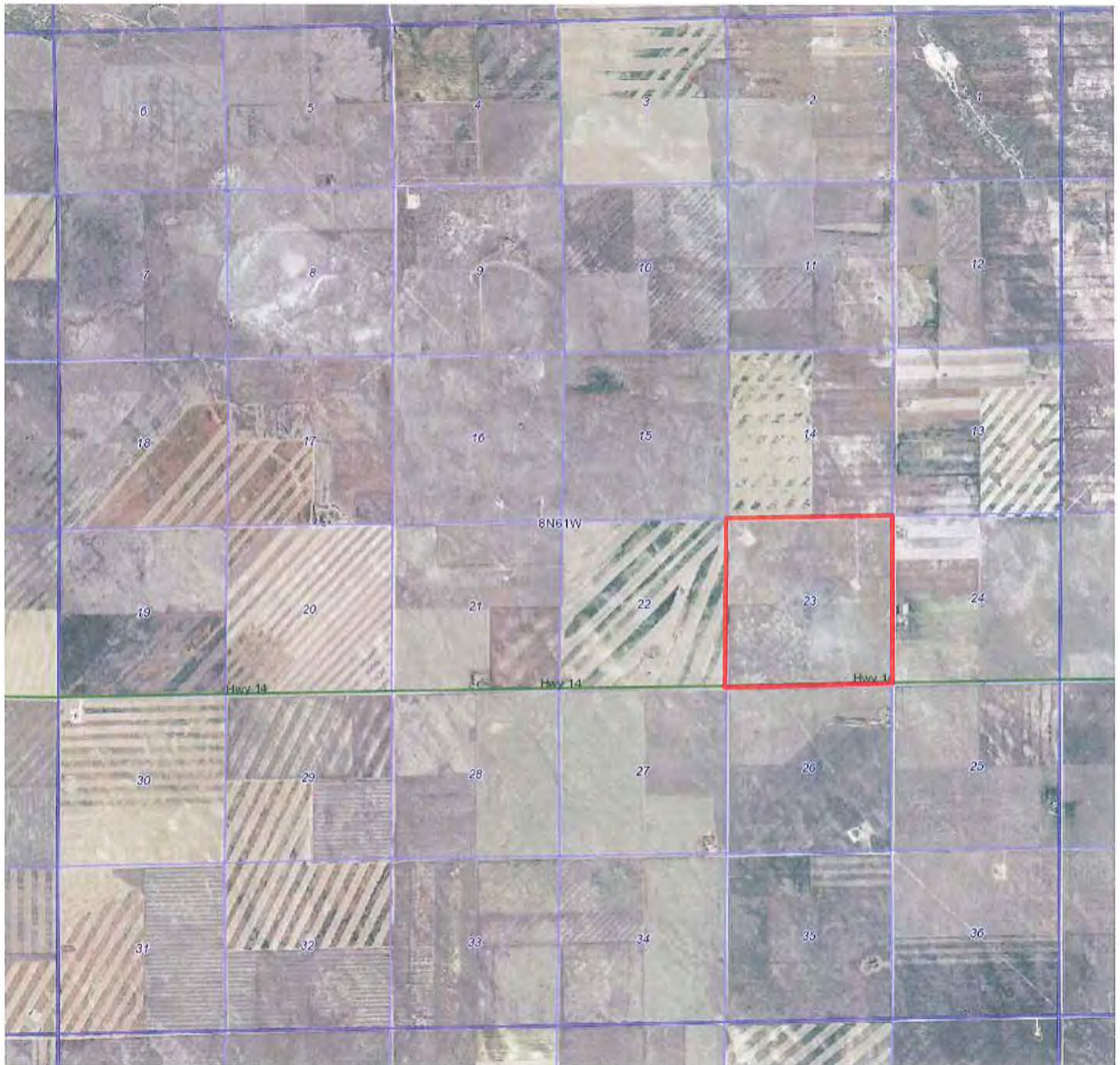


10-10-14

*[Faint, illegible handwritten text]*

## Exhibit A

Kummer State Unit  
Township 8 North, Range 61 West  
Section 23: All  
640 acres more or less

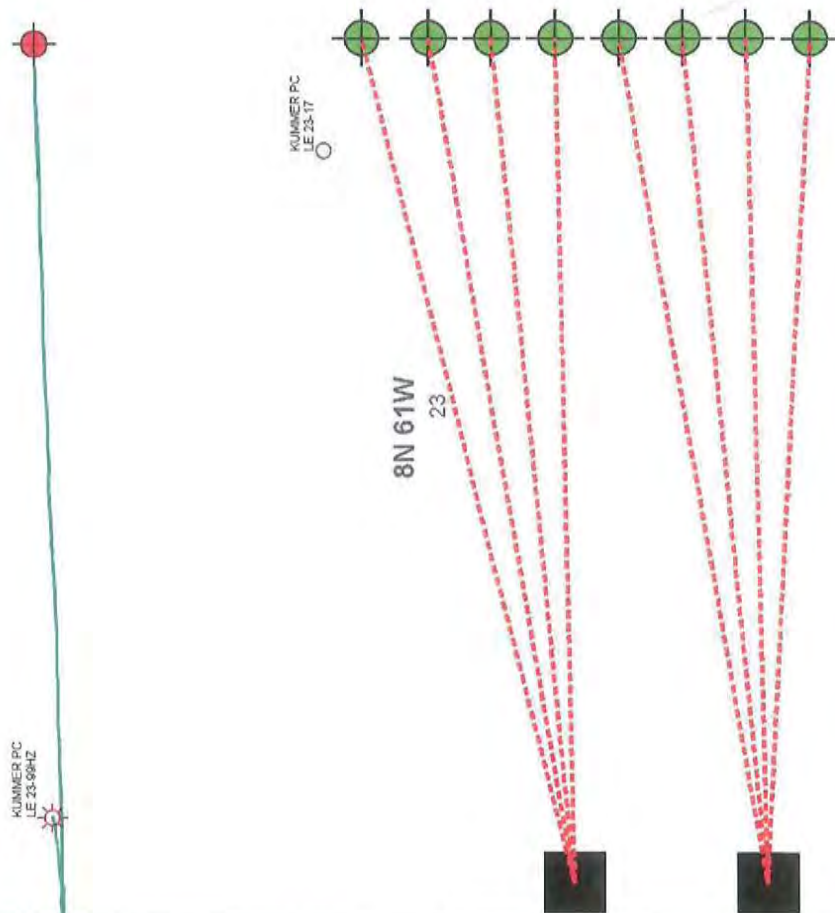













# Exhibit B

## KUMMER T8N-R61W Section 23



N  
1:7,000

- HZ Path
-  Bottomhole
-  Pad
-  Noble Wells
-  Producing
-  Permit Location
-  Bottomhole
-  Directional



## Exhibit C

Noble Energy, Inc. ("Noble") requests the approval to establish a State Unit in Section 23, Township 8 North, Range 61 West. This State Unit, designed the Kummer State Unit, is to establish a well spacing test outside of GWA. Noble would like to perform a 16 wells per Section downspacing test by drilling 8 Horizontal Codell-Niobrara formation wells spaced 330 feet apart. All 8 wells will be drilled from west to east and will maintain a 600 foot setback from the boundaries of the unit. The current spacing order for these lands, 535-69, allows 2 Horizontal Niobrara wells per 640 acre drilling and spacing unit which limits the ability to perform a downspacing test. The purpose of the test is to determine the optimal well spacing to effectively drain the Codell-Niobrara formation and to help determine the future optimal development of Northern Colorado.





# **EXHIBIT D**

## **UNIT AGREEMENT**

### **KUMMER EXPLORATORY STATE UNIT**

#### **WELD COUNTY, COLORADO**

#### **TABLE OF CONTENTS**

##### **ARTICLE 1**

##### **DEFINITIONS**

1.1 Unit Area.....	4
1.2 Unitized Formations.....	4
1.3 Unitized Substances.....	4
1.4 Working Interest .....	4
1.5 Royalty Interest .....	4
1.6 Royalty Owner .....	4
1.7 Working Interest Owner .....	4
1.8 Tract .....	4
1.9 Tract Participation .....	5
1.10 Existing Operating Agreements .....	5
1.11 Unit Operator .....	5
1.12 Unit Participation .....	5
1.13 Oil and Gas Rights.....	5
1.14 Unit Operations.....	5
1.15 Unit Expense.....	5
1.16 Effective Date .....	5
1.17 Person.....	5
1.18 Other Agreements .....	5

##### **ARTICLE 2**

##### **EXHIBITS**

2.1 Exhibits .....	5
2.1.1 Exhibit A.....	5
2.1.2 Exhibit B .....	5
2.1.2 Exhibit C .....	5
2.2 Reference to Exhibits .....	5
2.3 Exhibits Considered Correct .....	6
2.4 Correcting Errors .....	6
2.5 Filing Revised Exhibits.....	6

##### **ARTICLE 3**

##### **CREATION AND EFFECT OF UNIT**

3.1 Oil and Gas Rights Unitized .....	6
3.2 Personal Property Excepted .....	6
3.3 Amendment of Leases and Other Agreements .....	6
3.4 Effect of Other Agreements and Existing Operating Agreements within Unit .....	6
3.5 Titles Unaffected by Unitization .....	6



ARTICLE 4

UNIT OPERATIONS

4.1 Unit Operator .....	7
4.2 Sub-Operator .....	7

ARTICLE 5

TRACT PARTICIPATION

5.1 Tract Participation .....	7
-------------------------------	---

ARTICLE 6

ALLOCATION OF UNITIZED SUBSTANCES

6.1 Allocation of Production .....	7
6.2 Distribution within Tracts .....	7
6.3 Responsibility for Royalty Settlements .....	7
6.4 Comingling of Codell and Niobrara Benches of Codell-Niobrara Formation .....	7

ARTICLE 7

USE OR LOSS OF UNITIZED SUBSTANCES

7.1 Use of Unitized Substances .....	8
7.2 Royalty Payments .....	8

ARTICLE 8

TITLES

8.1 Warranty and Indemnity .....	8
8.2 Transfer of Title .....	8

ARTICLE 9

USE OF SURFACE

9.1 Surface Use .....	8
-----------------------	---

ARTICLE 10

CHANGES AND AMENDMENTS

10.1 Changes and Amendments .....	8
-----------------------------------	---

ARTICLE 11

RELATIONSHIP OF PERSONS

11.1 No Partnership .....	9
11.2 No Joint Refining or Marketing .....	9
11.3 Royalty Owners Free of Costs .....	9
11.4 Information to Royalty Owners .....	9

ARTICLE 12

LAWS AND REGULATIONS

12.1 Laws and Regulations .....	9
---------------------------------	---



ARTICLE 13

EFFECTIVE DATE

13.1 Effective Date .....	9
13.2 Certificate of Effectiveness.....	9

ARTICLE 14

TERM

14.1 Term.....	9
14.2 Termination by Working Interest Owners .....	9
14.3 Effect of Termination.....	9
14.4 Certificate of Termination.....	10

ARTICLE 15

APPROVAL

15.1 Original, Counterpart or Other Instrument .....	10
15.2 Joinder in Dual Capacity .....	10
15.3 Approval by the Colorado Oil and Gas Conservation Commission.....	10

ARTICLE 16

GENERAL

16.1 Amendments Affecting Working Interest Owners .....	10
16.2 Action by Working Interest Owner.....	10
16.3 Lien and Security Interest of Unit Operator .....	10

ARTICLE 17

SUCCESSORS AND ASSIGNS

17.1 Successors and Assigns.....	10
----------------------------------	----



## UNIT AGREEMENT

### KUMMER EXPLORATORY STATE UNIT

#### WELD COUNTY, COLORADO

THIS UNIT AGREEMENT for the KUMMER EXPLORATORY STATE UNIT ("Agreement"), entered into as of the Effective Date set forth in Article 14 below, by the parties who have signed the original of this instrument, a counterpart thereof, or other instrument agreeing to become a Person hereto,

#### WITNESSETH:

WHEREAS, in the interest of the public welfare and to promote conservation and increase the ultimate recovery of Unitized Substances from the Kummer Exploratory State Unit located in the \_\_\_\_\_ Field, in Weld County, Colorado, and to protect the rights of the owners of interests therein, it is deemed necessary and desirable to enter into this Agreement to unitize the Oil and Gas Rights in and to the Unitized Formation in order to conduct Unit Operations as herein provided,

NOW, THEREFORE, in consideration of the premise and of the mutual agreements herein contained, it is agreed as follows:

#### ARTICLE I

##### DEFINITIONS

As used in this Agreement:

1.1 Unit Area is the land described by Tracts in Exhibit B and shown on Exhibit A as to which this Agreement becomes effective or to which it may be extended as herein provided.

1.2 Unitized Formation shall mean the Codell-Niobrara Formation. The Codell-Niobrara Formation is the primary target in the proposed Kummer Exploratory State Unit. The Codell-Niobrara Formation's upper boundary is defined as the top of the Niobrara Formation with the top of the Greenhorn Limestone Formation as the base.

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

1.4 Working Interest is a cost bearing interest and is an interest in Unitized Substances by virtue of a lease, operating agreement, fee title or otherwise. A Royalty Interest created out of a Working Interest subsequent to the execution of this Agreement by the owner of such Working Interest shall continue to be subject to such Working Interest burdens and obligations as are stated in this Agreement, the Unit Operating Agreement, and any applicable Other Agreements.

1.5 Royalty Interest is a right to or non-cost bearing interest in any portion of the Unitized Substances or proceeds thereof other than a Working Interest.

1.6 Royalty Owner is a Person hereto who owns a Royalty Interest.

1.7 Working Interest Owner is a Person hereto who owns a Working Interest.

1.8 Tract means each oil and gas lease, and the lands contained therein, that has been described as a "Tract" and given a Tract number in Exhibit B.





1.9 Tract Participation is the interest share of a Tract in the Unit Area based on the number of acres in each Tract as a percentage of the total acres in the Unit Area.

1.10 Unit Operating Agreement is the Unit Operating Agreement, Operating Plan, for the Kummer Exploratory State Unit, Weld County, Colorado dated November \_\_, 2012. Such Unit Operating Agreement governs the drilling of a well or wells, providing for credits and charges, providing for costs of unit operations, conduct of operations, and the allocation of production therefrom, on the Tracts of lands covered by the Unit Agreement.

1.11 Unit Operator is Noble Energy, Inc.

1.12 Unit Participation of a Working Interest Owner is the sum of the Working Interests of such Working Interest Owner in each Tract included within the Unit Area based on the Tract Participation of such Tract.

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

1.14 Unit Operations are all operations conducted pursuant to this Agreement, the Unit Operating Agreement, and any applicable Other Agreements.

1.15 Unit Expense is all costs, expense or indebtedness incurred by Working Interest Owner or Unit Operator pursuant to this Agreement, the Unit Operating Agreement, and any applicable Other Agreements.

1.16 Effective Date is the time and date this Agreement becomes effective as provided in Article 14.

1.17 Person is any individual, corporation, partnership, association, receiver, trustee, curator, executor, administrator, guardian, tutor, fiduciary, or other representative of any kind, any department, agency, or instrumentality of the state, or any governmental subdivision thereof, or any other entity capable of holding an interest in the Unitized Formation.

1.18 Other Agreements are agreements entered into between signatories to this Unit Agreement governing the drilling of a well or wells, or production therefrom, on the lands covered by this Unit Agreement, for the Codell-Niobrara Formation or other formations that underlie the Unit Area. The Unit Operator or Working Interest Owner may enter into other agreements for the development of the Unit Area.

## ARTICLE 2

### EXHIBITS

2.1 Exhibits. The following exhibits, which are attached hereto, are incorporated herein by reference:

2.1.1 Exhibit A is a map that shows the boundary lines of the Kummer Exploratory State Unit Area and the Tracts therein.

2.1.2 Exhibit B is a schedule that describes each Tract in the Kummer Exploratory State Unit.

2.1.3 Exhibit C is a schedule that describes the percentage of interest in the Unit Area for any Working Interest Owner, Unleased Mineral Interest Owner, if any, and Royalty Interest Owner.

2.2 Reference to Exhibits. When reference is made to an exhibit, it is to the exhibit as originally attached or, if revised, to the last revision.



2.3 Exhibits Considered Correct. Exhibits A, B, and C shall be considered to be correct until revised as herein provided.

2.4 Correcting Errors. The shapes and descriptions of the respective Tracts have been established by leasehold interests. If a Working Interest Owner subsequently determines that any Tract, because of diverse royalty or working interest ownership on the Effective Date, should have been divided into more than one Tract, or that any mechanical miscalculation or clerical error has been made, Unit Operator, with the approval of the Working Interest Owner, shall correct the mistake by revising the exhibits to conform to the facts. Each such revision of an exhibit made prior to thirty (30) days after the Effective Date shall be effective as of the Effective Date. Each such revision thereafter made shall be effective at 7:00 A.M. on the first day of the calendar month next following the filing for record of the revised exhibit or on such other date as may be determined by the Working Interest Owner and set forth in the revised exhibit.

2.5 Filing Revised Exhibits. If an exhibit is revised, Unit Operator shall execute an appropriate instrument with the revised exhibit attached and file the same for record in the county or counties in which this Agreement is filed.

### ARTICLE 3

#### CREATION AND EFFECT OF UNIT

3.1 Oil and Gas Rights Unitized. All Oil and Gas Rights of Royalty Owners in and to the Tracts described in Exhibit "B," are hereby unitized insofar as the respective Oil and Gas Rights pertain to the Unitized Formation, so that Unit Operations may be conducted with respect to the Unitized Formation as if the Unit Area had been included in a single lease executed by all Royalty Owners, as lessors, in favor of the Working Interest Owner, as lessee, and as if the lease contained all of the provisions of this Agreement.

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

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

3.4 Effect of Other Agreements and Existing Operating Agreements Within Unit. Notwithstanding anything else herein, the Unit Operator may have entered into Other Agreements with the parties to this Agreement with respect to the Codell-Niobrara Formation. As to wells already drilled and as to future wells planned under the Other Agreements, if any, it is intended that those agreements shall remain in full force and effect and this Unit Agreement shall not change the terms of those agreements as they relate to the interests created therein. If there is any conflict between such Other Agreements and this Agreement, the Other Agreements shall govern. It is not the intent of this Agreement to change any existing interests in the Unit Area or to grant to any Person any interest in addition to that owned pursuant to the Other Agreements.

3.5 Titles Unaffected by Unitization. Nothing herein shall be construed to result in the transfer of title to Oil and Gas Rights by any Person hereto to any other Person or to Unit Operator.



## ARTICLE 4

### UNIT OPERATIONS

4.1 Unit Operator. Noble Energy, Inc. shall be Unit Operator. Unit Operator shall have the exclusive right to conduct Unit Operations, which shall conform to the provisions of this Agreement, the Unit Operating Agreement, or any applicable Other Agreements existing with Working Interest Owner at the time the Unit is created. If there is any conflict between such Unit Agreement, Unit Operating Agreement, or any applicable Other Agreements, the Unit Operating Agreement shall govern.

4.2 Sub-Operator. The Unit Operator may appoint sub-operators as it deems appropriate to operate specific tracts of land within the Unit Area pursuant to agreements entered into prior to the formation of this Unit. It is intended that operations within the Unit will proceed pursuant to those agreements.

## ARTICLE 5

### TRACT PARTICIPATION

5.1 Tract Participation. Tract Participation is the interest share of a Tract in the Unit Area based on the number of acres in each Tract as a percentage of the total acres in the Unit Area (hereinafter referred to as "Tract Participation"). The interests within each Tract are set forth in Exhibit C attached hereto.

## ARTICLE 6

### ALLOCATION OF UNITIZED SUBSTANCES

6.1 Allocation of Production. All Unitized Substances produced and saved on the Unit Lands shall be allocated to each owner based on the following calculations: (1) each Tract's surface acreage divided by the total acres in the Unit Area shall equal the Party's percentage of unitized production in such Tract; then (2) Party's percentage of unitized production in such Tract shall be multiplied by the Tract Participation (defined above) which shall equal the Party's percent of interest in the Unit Area. The total surface acreage of the Unit Area is approximately 640 acres.

6.2 Distribution within Tracts. The Unitized Substances allocated to each Tract shall be distributed in according to the allocation formula set forth in Section 6.1 above.

6.3 Responsibility for Royalty Settlements. Payment of royalties, overriding royalties, production payments and all other payments chargeable against or payable out of Unitized Substances shall be made in accordance with the terms of the Unit Operating Agreement, or any applicable Other Agreement.

6.4 Commingling Codell and Niobrara Benches as the Codell-Niobrara Formation. Working Interest Owner and Royalty Owners shall allow for commingling of production from the Codell and Niobrara benches of the Codell-Niobrara Formation under this Unit Agreement.

## ARTICLE 7

### USE OR LOSS OF UNITIZED SUBSTANCES

7.1 Use of Unitized Substances. Working Interest Owner may use or consume Unitized Substances for Unit Operations, including but not limited to the injection thereof into the Unitized Formation.

7.2 Royalty Payments. No royalty, overriding royalty or other payments shall be payable on account of Unitized Substances used, lost or consumed in Unit Operations.



## ARTICLE 8

### TITLES

8.1 Warranty and Indemnity. Each Person who, by acceptance of produced Unitized Substances or the proceeds thereof, may claim to own a Working Interest or Royalty Interest in and to any tract or in the Unitized Substances allocated thereto, shall be deemed to have warranted its title to such interest, and, upon receipt of the Unitized Substances or the proceeds thereof to the credit of such interest, shall indemnify and hold harmless all other Persons in interest from any loss due to failure, in whole or in part, of its title to any such interest.

8.2 Transfer of Title. Any conveyance of all or any part of any interest owned by a Person with respect to any Tract shall be subject to this Agreement. No change of title shall be binding upon Unit Operator, or upon any Person other than the Person so transferring, until 7:00 A.M. on the first day of the calendar month next succeeding the date of receipt by Unit Operator of a photocopy or a certified copy of the recorded instrument evidencing such change in ownership.

## ARTICLE 9

### USE OF SURFACE

9.1 Surface Use. There are various fee surface owners of the surface of the Unit Area. There is no federal or state surface ownership within the Unit Area. The use of the surface of the Unit Area shall be governed by any surface use agreements executed between the Working Interest Owner or Unit Operator and any surface owner within the Unit Area. For purposes of clarification, Working Interest Owner and Unit Operator have existing surface use agreements with several surface owners within the Unit Area for development and production. Working Interest Owner and Unit Operator intend to utilize the existing or common surface facilities, to the extent reasonable, to develop and produce from the Codell-Niobrara Formation under the Unit Area established by this Kummer Exploratory State Unit Agreement. If Working Interest Owner or Unit Operator utilize new surface locations for the wells drilled in the Unit Area and such areas are not subject to an existing surface use agreement, Working Interest Owner or Unit Operator shall use reasonable efforts to secure a surface use agreement with the respective surface owner.

## ARTICLE 10

### CHANGES AND AMENDMENTS

10.1 Changes and Amendments. Any change of the Unit Area or any amendment to this Agreement or the shall be in accordance with Section 34-60-118, Colorado Revised Statutes.

## ARTICLE 11

### RELATIONSHIP OF PERSONS

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

11.2 No Joint Refining or Marketing. This Agreement is not intended to provide, and shall not be construed to provide, directly or indirectly, for any joint refining or marketing of Unitized Substances.

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





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

## ARTICLE 12

### LAWS AND REGULATIONS

12.1 Laws and Regulations. This Agreement shall be subject to the laws of the state of Colorado, to the valid rules, regulation and orders of any duly constituted regulatory body of said state; and to all applicable federal, state and municipal laws, rules, regulations and orders.

## ARTICLE 13

### EFFECTIVE DATE

13.1 Effective Date. The Unit Agreement shall be effective the first day of the month next following the approval thereof by the Colorado Oil and Gas Conservation Commission pursuant to Title 34, Article 60 of the Colorado Revised Statutes as amended and re-enacted.

13.2 Certificate of Effectiveness. Unit Operator shall file for record in the county or counties in which the affected lands are located a certificate stating the Effective Date.

## ARTICLE 14

### TERM

14.1 Term. The term of this Agreement shall be for the time that Unitized Substances are produced in paying quantities, or other Unit Operations are conducted without a cessation of more than sixty (60) consecutive days, unless sooner terminated by Working Interest Owners in the manner herein provided.

14.2 Termination by Working Interest Owners. This Agreement may be terminated at any time by Working Interest Owner(s) owning a Unit Participation of sixty-five percent (65%) or more whenever such Working Interest Owner(s) determine that Unit Operations will not be or are no longer profitable or feasible.

14.3 Effect of Termination. Upon termination of this Agreement, the further development and operation of the Unitized Formation as a unit shall be abandoned, and Unit Operations shall cease. Each oil and gas lease and other agreement covering lands within the Unit Area shall remain in force for thirty (30) days after the date on which this Agreement terminates, and for such further period as is provided by the lease or other agreement.

14.4 Certificate of Termination. Upon termination of this Agreement, Unit Operator shall file for record in the county or counties in which the land affected is located a certificate that this Agreement has terminated, stating its termination date.

## ARTICLE 15

### APPROVAL

15.1 Original, Counterpart or Other Instrument. An owner of Oil and Gas Rights may approve this Agreement by signing the original of this instrument, a counterpart thereof or other instrument approving this instrument hereto. The signing of any such instrument shall have the same effect as if all Persons had signed the same instrument.

15.2 Joinder in Dual Capacity. Execution as herein provided by any Person as either a Working Interest Owner or a Royalty Owner shall commit all interests owned or controlled by such Person and any additional interest thereafter acquired.



15.3 Approval by the Colorado Oil and Gas Conservation Commission. Notwithstanding anything in this Section to the contrary, all tracts within the Unit Area shall be deemed to be qualified for participation if this Agreement is duly approved as the Plan of Unitization and Operating Plan by Order of Colorado Oil and Gas Conservation Commission pursuant to Section 34-60-118, Colorado Revised Statutes.

## ARTICLE 16

### GENERAL

16.1 Amendments Affecting Working Interest Owner. Amendments hereto relating wholly to Working Interest Owner may be made if signed by the Working Interest Owner.

16.2 Action by Working Interest Owner. Except as otherwise provided in this Agreement, any action or approval required by Working Interest Owner hereunder shall be in accordance with the provisions of the Unit Operating Agreement and any applicable Other Agreement.

16.3 Lien and Security Interest of Unit Operator. Unit Operator shall have a lien upon and a security interest in the interests of Working Interest Owner in the Unit as provided in the Unit Operating Agreement and any applicable Other Agreement.

## ARTICLE 17

### SUCCESSORS AND ASSIGNS

17.1 Successors and Assigns. This Agreement shall extend to, be binding upon, and inure to the benefit of the Persons hereto and their respective heirs, devisees, legal representatives, successors and assigns and shall constitute a covenant running with the lands, leases and interests covered hereby.

IN WITNESS WHEREOF, this Agreement is approved on the dates opposite the respective signatures.



UNIT OPERATOR AND WORKING INTEREST OWNER

Noble Energy, Inc., a Delaware corporation

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

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

Date: \_\_\_\_\_

Noble Energy WyCo, LLC

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

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

Date: \_\_\_\_\_

ROYALTY INTEREST OWNER

Weld County, Colorado

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

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

Date: \_\_\_\_\_



CORPORATION:

STATE OF COLORADO )  
 ) ss.  
COUNTY OF DENVER )

The foregoing instrument was acknowledged before me this \_\_\_\_ day of \_\_\_\_\_ 2012, by \_\_\_\_\_, as Attorney-in-Fact of Noble Energy, Inc., a \_\_\_\_\_ corporation.

SEAL

Notary Public

My Commission expires: \_\_\_\_\_

**INDIVIDUAL:**

STATE OF COLORADO )  
 ) ss.  
COUNTY OF DENVER )

The foregoing instrument was acknowledged before me this \_\_\_\_ day of \_\_\_\_\_ 2012, by \_\_\_\_\_, an individual.

SEAL

Notary Public

My Commission expires: \_\_\_\_\_





# EXHIBIT E

A.A.P.L. FORM 610 - 1989

## MODEL FORM OPERATING AGREEMENT

Horizontal

OPERATING AGREEMENT

DATED

XXXX XX , 20XX ,  
year

OPERATOR Noble Energy, Inc.

CONTRACT AREA Township 8 North, Range 61 West, 6<sup>th</sup> P.M.

Section 23: All

Limited to the Horizontal Wells drilled to the Codell-Niobrara  
formation.

COUNTY OR PARISH OF Weld , STATE OF Colorado

COPYRIGHT 1989 - ALL RIGHTS RESERVED  
AMERICAN ASSOCIATION OF PETROLEUM  
LANDMEN, 4100 FOSSIL CREEK BLVD.  
FORT WORTH, TEXAS, 76137, APPROVED FORM.

A.A.P.L. NO. 610 - 1989

**TABLE OF CONTENTS**

<b>Article</b>	<b>Title</b>	<b>Page</b>
<b>I.</b>	<b>DEFINITIONS</b>	1
<b>II.</b>	<b>EXHIBITS</b>	1
<b>III.</b>	<b>INTERESTS OF PARTIES</b>	2
	A. OIL AND GAS INTERESTS:	2
	B. INTERESTS OF PARTIES IN COSTS AND PRODUCTION:	2
	C. SUBSEQUENTLY CREATED INTERESTS:	2
<b>IV.</b>	<b>TITLES</b>	2
	A. TITLE EXAMINATION:	2
	B. LOSS OR FAILURE OF TITLE:	3
	1. Failure of Title	3
	2. Loss by Non-Payment or Erroneous Payment of Amount Due	3
	3. Other Losses	3
	4. Curing Title	3
<b>V.</b>	<b>OPERATOR</b>	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
	3. Effect of Bankruptcy	4
	C. EMPLOYEES AND CONTRACTORS:	4
	D. RIGHTS AND DUTIES OF OPERATOR:	4
	1. Competitive Rates and Use of Affiliates	4
	2. Discharge of Joint Account Obligations	4
	3. Protection from Liens	4
	4. Custody of Funds	5
	5. Access to Contract Area and Records	5
	6. Filing and Furnishing Governmental Reports	5
	7. Drilling and Testing Operations	5
	8. Cost Estimates	5
	9. Insurance	5
<b>VI.</b>	<b>DRILLING AND DEVELOPMENT</b>	5
	A. INITIAL WELL:	5
	B. SUBSEQUENT OPERATIONS:	5
	1. Proposed Operations	5
	2. Operations by Less Than All Parties	6
	3. Stand-By Costs	7
	4. Deepening	8
	5. Sidetracking	8
	6. Order of Preference of Operations	8
	7. Conformity to Spacing Pattern	9
	8. Paying Wells	9
	C. COMPLETION OF WELLS; REWORKING AND PLUGGING BACK:	9
	1. Completion	9
	2. Rework, Recomplete or Plug Back	9
	D. OTHER OPERATIONS:	9
	E. ABANDONMENT OF WELLS:	9
	1. Abandonment of Dry Holes	9
	2. Abandonment of Wells That Have Produced	10
	3. Abandonment of Non-Consent Operations	10
	F. TERMINATION OF OPERATIONS:	10
	G. TAKING PRODUCTION IN KIND:	10
	(Option 1) Gas Balancing Agreement	10
	(Option 2) No Gas Balancing Agreement	11
<b>VII.</b>	<b>EXPENDITURES AND LIABILITY OF PARTIES</b>	11
	A. LIABILITY OF PARTIES:	11
	B. LIENS AND SECURITY INTERESTS:	12
	C. ADVANCES:	12
	D. DEFAULTS AND REMEDIES:	12
	1. Suspension of Rights	13
	2. Suit for Damages	13
	3. Deemed Non-Consent	13
	4. Advance Payment	13
	5. Costs and Attorneys' Fees	13
	E. RENTALS, SHUT-IN WELL PAYMENTS AND MINIMUM ROYALTIES:	13
	F. TAXES:	13
<b>VIII.</b>	<b>ACQUISITION, MAINTENANCE OR TRANSFER OF INTEREST</b>	14
	A. SURRENDER OF LEASES:	14
	B. RENEWAL OR EXTENSION OF LEASES:	14
	C. ACREAGE OR CASH CONTRIBUTIONS:	14

TABLE OF CONTENTS

	D. ASSIGNMENT; MAINTENANCE OF UNIFORM INTEREST: .....	15
	E. WAIVER OF RIGHTS TO PARTITION: .....	15
	<del>F. PREFERENTIAL RIGHT TO PURCHASE: .....</del>	<del>15</del>
IX.	<u>INTERNAL REVENUE CODE ELECTION</u> .....	15
X.	<u>CLAIMS AND LAWSUITS</u> .....	15
XI.	<u>FORCE MAJEURE</u> .....	16
XII.	<u>NOTICES</u> .....	16
XIII.	<u>TERM OF AGREEMENT</u> .....	16
XIV.	<u>COMPLIANCE WITH LAWS AND REGULATIONS</u> .....	16
	A. LAWS, REGULATIONS AND ORDERS: .....	16
	B. GOVERNING LAW: .....	16
	C. REGULATORY AGENCIES: .....	16
XV.	<u>MISCELLANEOUS</u> .....	17
	A. EXECUTION: .....	17
	B. SUCCESSORS AND ASSIGNS: .....	17
	C. COUNTERPARTS: .....	17
	D. SEVERABILITY .....	17
XVI.	<u>OTHER PROVISIONS</u> .....	17

## OPERATING AGREEMENT

THIS AGREEMENT, entered into by and between Noble Energy, Inc.  
hereinafter designated and referred to as "Operator," and the signatory party or parties other than Operator, sometimes hereinafter referred to individually as "Non-Operator," and collectively as "Non-Operators."

## WITNESSETH:

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

NOW, THEREFORE, it is agreed as follows:

## ARTICLE I.

## DEFINITIONS

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

A. The term "AFE" shall mean an Authority for Expenditure prepared by a party to this agreement for the purpose of estimating the costs to be incurred in conducting an operation hereunder. REVISED \*\* SEE ARTICLE XVI

B. The term "Completion" or "Complete" shall mean a single an operation intended to complete a well as a producer of Oil and Gas in one or more Zones, including, but not limited to, the setting of production casing, perforating, <sup>fracturing,</sup> well stimulation and production testing conducted in such operation.

C. The term "Contract Area" shall mean all of the lands, Oil and Gas Leases and/or Oil and Gas Interests intended to be developed and operated for Oil and Gas purposes under this agreement. Such lands, Oil and Gas Leases and Oil and Gas Interests are described in Exhibit "A."

D. The term "Deepen" shall mean a single operation whereby a well is drilled to an objective Zone below the deepest Zone in which the well was previously drilled, or below the Deepest Zone proposed in the associated AFE, whichever is the lesser. REVISED \*\* SEE ARTICLE XVI

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

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

G. The term "Drill site" shall mean the Oil and Gas Lease or Oil and Gas Interest on which a proposed well is to be located. REVISED \*\* SEE ARTICLE XIV

H. The term "Initial Well" shall mean the well required to be drilled by the parties hereto or any substitute or replacement well defined as well to be drilled in place of or in lieu of the proposed well limited to the terms of this agreement as provided in Article VI.A., and shall be limited to the wellbore of such well. The term "Well" and "well" may be used interchangeably in this Agreement.

I. The term "Non-Consent-Well" shall mean a well in which <sup>operations by</sup> less than all parties have conducted an operation as provided in Article VI.B.2.

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

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

L. The term "Oil and Gas Interests" or "Interests" shall mean unleased fee and mineral interests in Oil and Gas in tracts of land lying within the Contract Area which are owned by parties to this agreement.

M. The terms "Oil and Gas Lease," "Lease" and "Leasehold" shall mean the oil and gas leases or interests therein covering tracts of land lying within the Contract Area which are owned by the parties to this agreement.

N. The term "Plug-Back" shall mean a single operation whereby a deeper Zone is abandoned in order to attempt a Completion in a shallower Zone. REVISED \*\* SEE ARTICLE XVI - OTHER PROVISIONS

O. The term "Recompletion" or "Recomplete" shall mean an operation whereby a Completion <sup>is attempted in another Zone</sup> in one Zone is abandoned in order to attempt a Completion in a different Zone within the existing wellbore.

P. The term "Rework" shall mean an operation conducted in the wellbore of a well after it is Completed to secure, restore, or improve production in a Zone which is currently open to production in the wellbore. Such operations include, but are not limited to, well stimulation operations but exclude any routine repair or maintenance work or drilling, Sidetracking, Deepening, Completing, Recompleting, or Plugging Back of a well.

Q. The term "Sidetrack" shall mean the directional control and intentional deviation of a well from vertical so as to change the bottom hole location unless done to straighten the hole or drill around junk in the hole to overcome other mechanical difficulties. REVISED \*\* SEE ARTICLE XVI - OTHER PROVISIONS FOR ARTICLE IQ THROUGH ARTICLE IV

R. The term "Zone" shall mean a stratum of earth containing or thought to contain a common accumulation of Oil and Gas separately producible from any other common accumulation of Oil and Gas.

Unless the context otherwise clearly indicates, words used in the singular include the plural, the word "person" includes natural and artificial persons, the plural includes the singular, and any gender includes the masculine, feminine, and neuter.

## ARTICLE II.

## EXHIBITS

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

- X A. Exhibit "A," shall include the following information:
  - (1) Description of lands subject to this agreement,
  - (2) Restrictions, if any, as to depths, formation(s), or substances,
  - (3) Parties to agreement with addresses and telephone numbers for notice purposes,
  - (4) Percentages or fractional interests of parties to this agreement,
  - (5) Oil and Gas Leases and/or Oil and Gas Interests subject to this agreement,
  - (6) Burdens on production.
- B. Exhibit "B," Form of Lease.
- X C. Exhibit "C," Accounting Procedure.
- X D. Exhibit "D," Insurance.
- X E. Exhibit "E," Gas Balancing Agreement.
- X F. Exhibit "F," Non-Discrimination and Certification of Non-Segregated Facilities.
- G. Exhibit "G," Tax Partnership.
- X H. Other: Recording Supplement

If any provision of any exhibit, except Exhibits "E",<sup>2</sup> and "F", and "~~G~~"<sup>3</sup> is inconsistent with any provision contained in the body of this agreement, the provisions in the body of this agreement shall prevail.

### ARTICLE III.

#### INTERESTS OF PARTIES

##### A. Oil and Gas Interests:

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

##### B. Interests of Parties in Costs and Production:

Unless changed by other provisions, all costs and liabilities incurred in operations under this agreement shall be borne and paid, and all equipment and materials acquired in operations on the Contract Area shall be owned, by the parties as their interests are set forth in Exhibit "A." In the same manner, the parties shall also own all production of Oil and Gas from the Contract Area subject, however, to the payment of royalties and other burdens on production as described hereafter.

Regardless of which party has contributed any Oil and Gas Lease or Oil and Gas Interest on which royalty or other burdens may be payable, and except as otherwise expressly provided in this agreement, each party shall pay or deliver, or cause to be paid or delivered, all burdens <sup>of record as of the date of this agreement</sup> on its share of the production from the Contract Area up to, but not in excess of,

~~and shall indemnify, defend and hold the other parties free from any liability therefor. Except as otherwise expressly provided in this agreement, if any party has contributed hereto any Lease or Interest which is burdened with any royalty, overriding royalty, production payment or other burden on production in excess of the amounts stipulated above, such party so burdened shall assume and alone bear all such excess obligations and shall indemnify, defend and hold the other parties hereto harmless from any and all claims attributable to such excess burden. However, so long as the Drilling Unit for the productive Zone(s) is identical with the Contract Area, each party shall pay or deliver, or cause to be paid or delivered, all burdens on production from the Contract Area due under the terms of the Oil and Gas Lease(s) which such party has contributed to this agreement, and shall indemnify, defend and hold the other parties free from any liability therefor.~~

No party shall ever be responsible, on a price basis higher than the price received by such party, to any other party's lessor or royalty owner, and if such other party's lessor or royalty owner should demand and receive settlement on a higher price basis, the party contributing the affected Lease shall bear the additional royalty burden attributable to such higher price.

Nothing contained in this Article III.B. shall be deemed an assignment or cross-assignment of interests covered hereby, and in the event two or more parties contribute to this agreement jointly owned Leases, the parties' undivided interests in said Leaseholds shall be deemed separate leasehold interests for the purposes of this agreement.

##### C. Subsequently Created Interests:

If any party has contributed hereto a Lease or Interest that is burdened with an assignment of production given as security for the payment of money, or if, after the date of this agreement, any party creates an overriding royalty, production payment, net profits interest, assignment of production or other burden payable out of production attributable to its working interest hereunder, such burden shall be deemed a "Subsequently Created Interest." Further, if any party has contributed hereto a Lease or Interest burdened with an overriding royalty, production payment, net profits interests, or other burden payable out of production created prior to the date of this agreement, and such burden is not shown on Exhibit "A," such burden also shall be deemed a Subsequently Created Interest to the extent such burden causes the burdens on such party's Lease or Interest to exceed the amount stipulated in Article III.B. above.

The party whose interest is burdened with the Subsequently Created Interest (the "Burdened Party") shall assume and alone bear, pay and discharge the Subsequently Created Interest and shall indemnify, defend and hold harmless the other parties from and against any liability therefor. Further, if the Burdened Party fails to pay, when due, its share of expenses chargeable hereunder, all provisions of Article VII.B. shall be enforceable against the Subsequently Created Interest in the same manner as they are enforceable against the working interest of the Burdened Party. If the Burdened Party is required under this agreement to assign or relinquish to any other party, or parties, all or a portion of its working interest and/or the production attributable thereto, said other party, or parties, shall receive said assignment and/or production free and clear of said Subsequently Created Interest, and the Burdened Party shall indemnify, defend and hold harmless said other party, or parties, from any and all claims and demands for payment asserted by owners of the Subsequently Created Interest.

### ARTICLE IV.

#### TITLES

##### A. Title Examination:

~~Title examination shall be made on the Drilling Unit of the~~  
~~if a majority in interest of the Drilling Parties so request or Operator so elects, title examination shall be made on the entire Drilling Unit, or maximum anticipated Drilling Unit, of the well. The opinion will include the ownership of the working interest, minerals, royalty, overriding royalty and production payments under the applicable Leases. Each party contributing Leases and/or Oil and Gas Interests to be included in the Drilling Unit, if appropriate, shall furnish to Operator all abstracts (including federal lease status reports), title opinions, title papers and curative material in its possession free of charge. All such information not in the possession of or made available to Operator by the parties, but necessary for the examination of the title, shall be obtained by Operator. Operator shall cause title to be examined by attorneys on its staff or by outside attorneys. Copies of all title opinions shall be furnished to each Drilling Party. Costs incurred by Operator in procuring abstracts, fees paid outside attorneys and other land consultants for title examination (including preliminary, supplemental, shut-in royalty opinions and division order title opinions) and other direct charges as provided in Exhibit "C" shall be borne by the Drilling Parties in the proportion that the interest of each Drilling Party bears to the total interest of all Drilling Parties as such interests appear in Exhibit "A." Operator shall make no charge for services rendered by its staff attorneys or other personnel in the performance of the above functions.~~

Each party shall be responsible for securing curative matter and pooling amendments or agreements required in connection with Leases or Oil and Gas Interests contributed by such party. Operator shall be responsible for the preparation and recording of pooling designations or declarations and communitization agreements as well as the conduct of hearings before governmental agencies for the securing of spacing or pooling orders or any other orders necessary or appropriate to the conduct of operations hereunder. This shall not prevent any party from appearing on its own behalf at such hearings. Costs incurred by Operator, including fees paid to outside attorneys, which are associated with hearings before governmental agencies, and which costs are necessary and proper for the activities contemplated under this agreement, shall be direct charges to the joint account and shall not be covered by the administrative overhead charges as provided in Exhibit "C."



Operator shall make no charge for services rendered by its staff attorneys or other personnel in the performance of the above functions.

No well shall be drilled on the Contract Area until after (1) the title to the Drillsite or Drilling Unit, if appropriate, has been examined as above provided, and (2) the title has been approved by the operator. ~~The operator, examining-attorney-or-title-has-been-accepted-by all-of-the-Drilling-Parties-in-such-well.~~

#### B. Loss or Failure of Title:

1. Failure of Title: Should any Oil and Gas interest or Oil and Gas Lease be lost through failure of title, which results in a reduction of interest from that shown on Exhibit "A," the party credited with contributing the affected Lease or Interest (including, if applicable, a successor in interest to such party) shall have ninety (90) days from final determination of title failure to acquire a new lease or other instrument during the entirety of the title failure, which acquisition will not be subject to Article VIII.B., and failing to do so, this agreement, nevertheless, shall continue in force as to all remaining Oil and Gas Leases and Interests; and,

(a) The party credited with contributing the Oil and Gas Lease or Interest affected by the title failure (including, if applicable, a successor in interest to such party) shall bear alone the entire loss and it shall not be entitled to recover from Operator or the other parties any development or operating costs which it may have previously paid or incurred, but there shall be no additional liability on its part to the other parties hereto by reason of such title failure;

(b) There shall be no retroactive adjustment of expenses incurred or revenues received from the operation of the Lease or Interest which has failed, but the interests of the parties contained on Exhibit "A" shall be revised on an acreage basis, as of the time it is determined finally that title failure has occurred, so that the interest of the party whose Lease or Interest is affected by the title failure will thereafter be reduced in the Contract Area by the amount of the Lease or Interest failed;

(c) If the proportionate interest of the other parties hereto in any producing well previously drilled on the Contract Area is increased by reason of the title failure, the party who bore the costs incurred in connection with such well attributable to the Lease or Interest which has failed shall receive the proceeds attributable to the increase in such interest (less costs and burdens attributable thereto) until it has been reimbursed for unrecovered costs paid by it in connection with such well attributable to such failed Lease or Interest;

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

(e) Any liability to account to a person not a party to this agreement for prior production of Oil and Gas which arises by reason of title failure shall be borne severally by each party (including a predecessor to a current party) who received production for which such accounting is required based on the amount of such production received, and each such party shall severally indemnify, defend and hold harmless all other parties hereto for any such liability to account;

(f) No charge shall be made to the joint account for legal expenses, fees or salaries in connection with the defense of the Lease or Interest claimed to have failed, but if the party contributing such Lease or Interest hereto elects to defend its title it shall bear all expenses in connection therewith; and

(g) If any party is given credit on Exhibit "A" to a Lease or Interest which is limited solely to ownership of an interest in the wellbore of any well or wells and the production therefrom, such party's absence of interest in the remainder of the Contract Area shall be considered a Failure of Title as to such remaining Contract Area unless that absence of interest is reflected on Exhibit "A."

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

(a) Proceeds of Oil and Gas produced prior to termination of the Lease or Interest, less operating expenses and lease burdens chargeable hereunder to the person who failed to make payment, previously accrued to the credit of the lost Lease or Interest, on an acreage basis, up to the amount of unrecovered costs;

(b) Proceeds of Oil and Gas, less operating expenses and lease burdens chargeable hereunder to the person who failed to make payment, up to the amount of unrecovered costs attributable to that portion of Oil and Gas thereafter produced and marketed (excluding production from any wells thereafter drilled) which, in the absence of such Lease or Interest termination, would be attributable to the lost Lease or Interest on an acreage basis and which as a result of such Lease or Interest termination is credited to other parties, the proceeds of said portion of the Oil and Gas to be contributed by the other parties in proportion to their respective interests reflected on Exhibit "A"; and,

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

3. Other Losses: All losses of Leases or Interests committed to this agreement, other than those set forth in Articles IV.B.1. and IV.B.2. above, shall be joint losses and shall be borne by all parties in proportion to their interests shown on Exhibit "A." This shall include but not be limited to the loss of any Lease or Interest through failure to develop or because express or implied covenants have not been performed (other than performance which requires only the payment of money), and the loss of any Lease by expiration at the end of its primary term if it is not renewed or extended. There shall be no readjustment of interests in the remaining portion of the Contract Area on account of any joint loss.

4. Curing Title: In the event of a Failure of Title under Article IV.B.1. or a loss of title under Article IV.B.2. above, any Lease or Interest acquired by any party hereto (other than the party whose interest has failed or was lost) during the ninety (90) day period provided by Article IV.B.1. and Article IV.B.2. above covering all or a portion of the interest that has failed or was lost shall be offered at cost to the party whose interest has failed or was lost, and the provisions of Article VIII.B. shall not apply to such acquisition.

ARTICLE V.  
OPERATOR

## A. Designation and Responsibilities of Operator:

Noble Energy, Inc. shall be the Operator of the Contract Area, and shall conduct and direct and have full control of all operations on the Contract Area as permitted and required by, and within the limits of this agreement. In its performance of services hereunder for the Non-Operators, Operator shall be an independent contractor not subject to the control or direction of the Non-Operators except as to the type of operation to be undertaken in accordance with the election procedures contained in this agreement. Operator shall not be deemed, or hold itself out as, the agent of the Non-Operators with authority to bind them to any obligation or liability assumed or incurred by Operator as to any third party. Operator shall conduct its activities under this agreement as a reasonable prudent operator, in a good and workmanlike manner, with due diligence and dispatch, in accordance with good oilfield practice, and in compliance with applicable law and regulation, but in no event shall it have any liability as Operator to the other parties for losses sustained or liabilities incurred except such as may result from gross negligence or willful misconduct. REVISED \*\* SEE ARTICLE XVI - OTHER PROVISIONS

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

1. Resignation or Removal of Operator: Operator may resign at any time by giving written notice thereof to Non-Operators.

If Operator terminates its legal existence, no longer owns an interest hereunder in the Contract Area, or is no longer capable of serving as Operator, Operator shall be deemed to have resigned without any action by Non-Operators, except the selection of a successor. Operator may be removed only for good cause by the affirmative vote of Non-Operators owning a majority interest based on ownership as shown on Exhibit "A" remaining after excluding the voting interest of Operator; such vote shall not be deemed effective until a written notice has been delivered to the Operator by a Non-Operator detailing the alleged default and Operator has failed to cure the default within thirty (30) days from its receipt of the notice or, if the default concerns an operation then being conducted, within forty-eight (48) hours of its receipt of the notice. For purposes hereof, "good cause" shall mean not only gross negligence or willful misconduct but also the material breach of or inability to meet the standards of operation contained in Article V.A. or material failure or inability to perform its obligations under this agreement.

Subject to Article VII.D.1., such resignation or removal shall not become effective until 7:00 o'clock A.M. on the first day of the calendar month following the expiration of ninety (90) days after the giving of notice of resignation by Operator or action by the Non-Operators to remove Operator, unless a successor Operator has been selected and assumes the duties of Operator at an earlier date. Operator, after effective date of resignation or removal, shall be bound by the terms hereof as a Non-Operator. A change of a corporate name or structure of Operator or transfer of Operator's interest to any single subsidiary, parent or successor corporation shall not be the basis for removal of Operator.

2. Selection of Successor Operator: Upon the resignation or removal of Operator under any provision of this agreement, a successor Operator shall be selected by the parties. The successor Operator shall be selected from the parties owning an interest in the Contract Area at the time such successor Operator is selected. The successor Operator shall be selected by the affirmative vote of two (2) or more parties owning a majority interest based on ownership as shown on Exhibit "A"; provided, however, if an Operator which has been removed or is deemed to have resigned fails to vote or votes only to succeed itself, the successor Operator shall be selected by the affirmative vote of the party or parties owning a majority interest based on ownership as shown on Exhibit "A" remaining after excluding the voting interest of the Operator that was removed or resigned. The former Operator shall promptly deliver to the successor Operator all records and data relating to the operations conducted by the former Operator to the extent such records and data are not already in the possession of the successor operator. Any cost of obtaining or copying the former Operator's records and data shall be charged to the joint account.

3. Effect of Bankruptcy: If Operator becomes insolvent, bankrupt or is placed in receivership, it shall be deemed to have resigned without any action by Non-Operators, except the selection of a successor. If a petition for relief under the federal bankruptcy laws is filed by or against Operator, and the removal of Operator is prevented by the federal bankruptcy court, all Non-Operators and Operator shall comprise an interim operating committee to serve until Operator has elected to reject or assume this agreement pursuant to the Bankruptcy Code, and an election to reject this agreement by Operator as a debtor in possession, or by a trustee in bankruptcy, shall be deemed a resignation as Operator without any action by Non-Operators, except the selection of a successor. During the period of time the operating committee controls operations, all actions shall require the approval of two (2) or more parties owning a majority interest based on ownership as shown on Exhibit "A." In the event there are only two (2) parties to this agreement, during the period of time the operating committee controls operations, a third party acceptable to Operator, Non-Operator and the federal bankruptcy court shall be selected as a member of the operating committee, and all actions shall require the approval of two (2) members of the operating committee without regard for their interest in the Contract Area based on Exhibit "A."

## C. Employees and Contractors:

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

## D. Rights and Duties of Operator:

1. Competitive Rates and Use of Affiliates: All wells drilled on the Contract Area shall be drilled on a competitive contract basis at the usual rates prevailing in the area. If it so desires, Operator may employ its own tools and equipment in the drilling of wells, but its charges therefor shall not exceed the prevailing rates in the area and the rate of such charges shall be agreed upon by the parties in writing before drilling operations are commenced, and such work shall be performed by Operator under the same terms and conditions as are customary and usual in the area in contracts of independent contractors who are doing work of a similar nature. All work performed or materials supplied by affiliates or related parties of Operator shall be performed or supplied at competitive rates, pursuant to written agreement, and in accordance with customs and standards prevailing in the industry.

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

3. Protection from Liens: Operator shall pay, or cause to be paid, as and when they become due and payable, all accounts of contractors and suppliers and wages and salaries for services rendered or performed, and for materials supplied on, to or in respect of the Contract Area or any operations for the joint account thereof, and shall keep the Contract Area free from

liens and encumbrances resulting therefrom except for those resulting from a bona fide dispute as to services rendered or materials supplied.

4. Custody of Funds: Operator shall hold for the account of the Non-Operators any funds of the Non-Operators advanced or paid to the Operator, either for the conduct of operations hereunder or as a result of the sale of production from the Contract Area, and such funds shall remain the funds of the Non-Operators on whose account they are advanced or paid until used for their intended purpose or otherwise delivered to the Non-Operators or applied toward the payment of debts as provided in Article VII.B. Nothing in this paragraph shall be construed to establish a fiduciary relationship between Operator and Non-Operators for any purpose other than to account for Non-Operator funds as herein specifically provided. Nothing in this paragraph shall require the maintenance by Operator of separate accounts for the funds of Non-Operators unless the parties otherwise specifically agree.

5. Access to Contract Area and Records: Operator shall, except as otherwise provided herein, permit each participating Non-Operator or its duly authorized representative, at the participating Non-Operator's sole risk and cost, full and free access at all reasonable times to all operations of every kind and character being conducted for the joint account on the Contract Area and to the records of operations conducted thereon or production therefrom, including Operator's books and records relating thereto. Such access rights shall not be exercised in a manner interfering with Operator's conduct of an operation hereunder and shall not obligate Operator to furnish any geologic or geophysical data of an interpretive nature unless the cost of preparation of such interpretive data was charged to the joint account. Operator will furnish to each participating Non-Operator upon request copies of any and all reports and information obtained by Operator in connection with production and related items, including, without limitation, meter and chart reports, production purchaser statements, run tickets and monthly gauge reports, but excluding purchase contracts and pricing information to the extent not applicable to the production of the participating Non-Operator seeking the information. Any audit of Operator's records relating to amounts expended and the appropriateness of such expenditures shall be conducted in accordance with the audit protocol specified in Exhibit "C."

6. Filing and Furnishing Governmental Reports: Operator will file, and upon written request promptly furnish copies to each requesting participating Non-Operator not in default of its payment obligations, all operational notices, reports or applications required to be filed by local, State, Federal or Indian agencies or authorities having jurisdiction over operations hereunder. Each participating Non-Operator shall provide to Operator on a timely basis all information necessary to Operator to make such filings.

7. Drilling and Testing Operations: The following provisions shall apply to each well drilled hereunder, including but not limited to the Initial Well:

(a) Operator will promptly advise participating Non-Operators of the date on which the well is spudded, or the date on which drilling operations are commenced.

(b) Upon request, the participating Non-Operator will send to participating Non-Operators such reports, test results and notices regarding the progress of operations on the well as the participating Non-Operators shall reasonably request, including, but not limited to, daily drilling reports, completion reports, and well logs.

(c) Operator shall adequately test all Zones encountered which may reasonably be expected to be capable of producing Oil and Gas in paying quantities as a result of examination of the electric log or any other logs or cores or tests conducted hereunder. **ADDITION \*\* SEE ARTICLE XVI**

8. Cost Estimates: Upon request of any Consenting Party, Operator shall furnish estimates of current and cumulative costs incurred for the joint account at reasonable intervals during the conduct of any operation pursuant to this agreement. Operator shall not be held liable for errors in such estimates so long as the estimates are made in good faith.

9. Insurance: At all times while operations are conducted hereunder, Operator shall comply with the workers compensation law of the state where the operations are being conducted; 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 as provided in Exhibit "C." Operator shall also carry or provide insurance for the benefit of the joint account of the parties as outlined in Exhibit "D" attached hereto and made a part hereof. Operator shall require all contractors engaged in work on or for the Contract Area to comply with the workers compensation law of the state where the operations are being conducted and to maintain such other insurance as Operator may require.

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

## ARTICLE VI DRILLING AND DEVELOPMENT

### A. Initial Well:

On or before the xx day of xxxx, xxxx, Operator shall commence the drilling of the Initial Well at the following location:

To be determined under the Provisions of that certain Unit Agreement dated xxxx xx, xxxx

The drilling of the Initial Well and the participation therein by all parties is obligatory, subject to Article VI.C.1. as to participation in Completion operations and Article VI.F. as to termination of operations and Article XI as to occurrences of force majeure, and Article 7 VI.B.2 as to operations by less than all parties.

### B. Subsequent Operations:

1. Proposed Operations: If any party hereto should desire to drill any well on the Contract Area other than the Initial Well, or if any party should desire to Rework, Sidetrack, Deepen, Recomplete or Plug Back a dry hole or a well no longer capable of producing in paying quantities in which such party has not otherwise relinquished its interest in the proposed objective Zone under this agreement, the party desiring to drill, Rework, Sidetrack, Deepen, Recomplete or Plug Back such a well shall give written notice of the proposed operation to the parties who have not otherwise relinquished their interest in such objective Zone



under this agreement and to all other parties in the case of a proposal for Sidetracking or Deepening, specifying the work to be performed, the location, proposed depth, objective Zone and the estimated cost of the operation. The parties to whom such notice is delivered shall have thirty (30) days after receipt of the notice within which to notify the party proposing to do the work whether they elect to participate in the cost of the proposed operation. If a drilling rig is on location, notice of a proposal to Rework, Sidetrack, Recomplete, Plug Back or Deepen may be given by telephone and the response period shall be limited to twenty-four (24) hours, exclusive of Saturday, Sunday and legal holidays. Failure of a party to whom such notice is delivered to reply within the period above fixed shall constitute an election by that party not to participate in the cost of the proposed operation. Any proposal by a party to conduct an operation conflicting with the operation initially proposed shall be delivered to all parties within the time and in the manner provided in Article VI.B.6.

If all parties to whom such notice is delivered elect to participate in such a proposed operation, the parties shall be contractually committed to participate therein provided such operations are commenced within the time period hereafter set forth, and Operator shall, no later than one hundred eighty (180) days after expiration of the notice period of thirty (30) days (or as promptly as practicable after the expiration of the twenty-four (24) hour period when a drilling rig is on location, as the case may be), actually commence the proposed operation and thereafter complete it with due diligence at the risk and expense of the parties participating therein; provided, however, said commencement date may be extended upon written notice of same by Operator to the other parties, for a period of up to thirty (30) additional days if, in the sole opinion of Operator, such additional time is reasonably necessary to obtain permits from governmental authorities, surface rights (including rights-of-way) or appropriate drilling equipment, or to complete title examination or curative matter required for title approval or acceptance. If the actual operation has not been commenced within the time provided (including any extension thereof as specifically permitted herein or in the force majeure provisions of Article XI) and if any party hereto still desires to conduct said operation, written notice proposing same must be resubmitted to the other parties in accordance herewith as if no prior proposal had been made. Those parties that did not participate in the drilling of a well for which a proposal to Deepen or Sidetrack is made hereunder shall, if such parties desire to participate in the proposed Deepening or Sidetracking operation, reimburse the Drilling Parties in accordance with Article VI.B.4. In the event of a Deepening operation and in accordance with Article VI.B.5. in the event of a Sidetracking operation.

## 2. Operations by Less Than All Parties:

(a) Determination of Participation. If any party to whom such notice is delivered as provided in Article VI.B.1. or who did not participate in the initial drilling operations of the Well as provided in Article VI.A. elects not to participate in the proposed operation, then, in order to be entitled to the benefits of this Article, the party or parties giving the notice and such other parties as shall elect to participate in the operation shall, no later than ninety (90) days after the expiration of the notice period of thirty (30) days (or as promptly as practicable after the expiration of the twenty-four (24) hour period when a drilling rig is on location, as the case may be) actually commence the proposed operation and complete it with due diligence. Commencement of drilling operations of the Well shall be in accordance with Article VI.A. Operator shall perform all work for the account of the Consenting Parties; provided, however, if no drilling rig or other equipment is on location, and if Operator is a Non-Consenting Party, the Consenting Parties shall either: (i) request Operator to perform the work required by such proposed operation for the account of the Consenting Parties, or (ii) designate one of the Consenting Parties as Operator to perform such work. The rights and duties granted to and imposed upon the Operator under this agreement are granted to and imposed upon the party designated as Operator for an operation in which the original Operator is a Non-Consenting Party. Consenting Parties, when conducting operations on the Contract Area pursuant to this Article VI.B.2., shall comply with all terms and conditions of this agreement.

### including the initial drilling operations of the Well

If less than all parties approve any proposed operation, the proposing party, immediately after the expiration of the applicable notice period, shall advise all Parties of the total interest of the parties approving such operation and its recommendation as to whether the Consenting Parties should proceed with the operation as proposed. Each Consenting Party, within twenty-four (24) hours (exclusive of Saturday, Sunday, and legal holidays) after delivery of such notice, shall advise the proposing party of its desire to (i) limit participation to such party's interest as shown on Exhibit "A" or (ii) carry only its proportionate part (determined by dividing such party's interest in the Contract Area by the interests of all Consenting Parties in the Contract Area) of Non-Consenting Parties' interests, or (iii) carry its proportionate part (determined as provided in (ii)) of Non-Consenting Parties' interests together with all or a portion of its proportionate part of any Non-Consenting Parties' interests that any Consenting Party did not elect to take. Any interest of Non-Consenting Parties that is not carried by a Consenting Party shall be deemed to be carried by the party proposing the operation if such party does not withdraw its proposal. Failure to advise the proposing party within the time required shall be deemed an election under (i). In the event a drilling rig is on location, notice may be given by telephone, and the time permitted for such a response shall not exceed a total of twenty-four (24) hours (exclusive of Saturday, Sunday and legal holidays). The proposing party, at its election, may withdraw such proposal if there is less than 100% participation and shall notify all parties of such decision within ten (10) days, or within twenty-four (24) hours if a drilling rig is on location, following expiration of the applicable response period. If 100% subscription to the proposed operation is obtained, the proposing party shall promptly notify the Consenting Parties of their proportionate interests in the operation and the party serving as Operator shall commence such operation within the period provided in Article VI.B.1., (commencement of operations to drill the Well shall be governed by Article VI.A.) subject to the same extension right as provided therein.

(b) Relinquishment of Interest for Non-Participation. The entire cost and risk of conducting such operations shall be borne by the Consenting Parties in the proportions they have elected to bear same under the terms of the preceding paragraph. Consenting Parties shall keep the leasehold estates involved in such operations free and clear of all liens and encumbrances of every kind created by or arising from the operations of the Consenting Parties. If such an operation results in a dry hole, then subject to Articles VI.B.6. and VI.E.3., the Consenting Parties shall plug and abandon the well and restore the surface location at their sole cost, risk and expense; provided, however, that those Non-Consenting Parties that participated in the drilling, Deepening or Sidetracking of the well shall remain liable for, and shall pay, their proportionate shares of the cost of plugging and abandoning the well and restoring the surface location insofar only as those costs were not increased by the subsequent operations of the Consenting Parties. If any well drilled, Reworked, Sidetracked, Deepened, Recompleted or Plugged Back under the provisions of this Article results in a well capable of producing Oil and/or Gas in paying quantities, the Consenting Parties shall Complete and equip the well to produce at their sole cost and risk, and the well shall then be turned over to Operator (if the Operator did not conduct the operation) and shall be operated by it at the expense and for the account of the Consenting Parties. Upon commencement of operations for the drilling, Reworking, Sidetracking, Recompleting, Deepening or Plugging Back of any such well by Consenting Parties in accordance with the provisions of this Article, each Non-Consenting Party shall be deemed to have relinquished to Consenting Parties, and the Consenting Parties shall own and be entitled to receive, in proportion to their respective interests, all of such Non-Consenting Party's interest in the well and share of production therefrom or, in the case of a Reworking, Sidetracking,

1 Deepening, Recompleting or Plugging Back, or a Completion pursuant to Article VI.C.1. Option No. 2, all of such Non-  
 2 Consenting Party's interest in the production obtained from the operation in which the Non-Consenting Party did not elect  
 3 to participate. Such relinquishment shall be effective until the proceeds of the sale of such share, calculated at the well, or  
 4 market value thereof if such share is not sold (after deducting applicable ad valorem, production, severance, and excise taxes,  
 5 royalty, overriding royalty and other interests not excepted by Article III.C. payable out of or measured by the production  
 6 from such well accruing with respect to such interest until it reverts), shall equal the total of the following:

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

14 (ii) 300 % of (a) that portion of the costs and expenses of drilling, Reworking, Sidetracking, Deepening,  
 15 Plugging Back, testing, Completing, and Recompleting, after deducting any cash contributions received under Article VIII.C.,  
 16 and of (b) that portion of the cost of newly acquired equipment in the well (to and including the wellhead connections),  
 17 which would have been chargeable to such Non-Consenting Party if it had participated therein.

18 Notwithstanding anything to the contrary in this Article VI.B., if the well does not reach the deepest objective Zone  
 19 described in the notice proposing the well for reasons other than the encountering of granite or practically impenetrable  
 20 substance or other condition in the hole rendering further operations impracticable, Operator shall give notice thereof to each  
 21 Non-Consenting Party who submitted or voted for an alternative proposal under Article VI.B.6. to drill the well to a  
 22 shallower Zone than the deepest objective Zone proposed in the notice under which the well was drilled, and each such Non-  
 23 Consenting Party shall have the option to participate in the initial proposed Completion of the well by paying its share of the  
 24 cost of drilling the well to its actual depth, calculated in the manner provided in Article VI.B.4. (a). If any such Non-  
 25 Consenting Party does not elect to participate in the first Completion proposed for such well, the relinquishment provisions  
 26 of this Article VI.B.2. (b) shall apply to such party's interest.

27 (c) Reworking, Recompleting or Plugging Back. An election not to participate in the drilling, Sidetracking or  
 28 Deepening of a well shall be deemed an election not to participate in any Reworking or Plugging Back operation proposed in  
 29 such a well, or portion thereof, to which the initial non-consent election applied that is conducted at any time prior to full  
 30 recovery by the Consenting Parties of the Non-Consenting Party's recoupment amount. Similarly, an election not to  
 31 participate in the Completing or Recompleting of a well shall be deemed an election not to participate in any Reworking  
 32 operation proposed in such a well, or portion thereof, to which the initial non-consent election applied that is conducted at  
 33 any time prior to full recovery by the Consenting Parties of the Non-Consenting Party's recoupment amount. Any such  
 34 Reworking, Recompleting or Plugging Back operation conducted during the recoupment period shall be deemed part of the  
 35 cost of operation of said well and there shall be added to the sums to be recouped by the Consenting Parties 300 % of  
 36 that portion of the costs of the Reworking, Recompleting or Plugging Back operation which would have been chargeable to  
 37 such Non-Consenting Party had it participated therein. If such a Reworking, Recompleting or Plugging Back operation is  
 38 proposed during such recoupment period, the provisions of this Article VI.B. shall be applicable as between said Consenting  
 39 Parties in said well, or portion thereof.

40 (d) Recoupment Matters. During the period of time Consenting Parties are entitled to receive Non-Consenting Party's  
 41 share of production, or the proceeds therefrom, Consenting Parties shall be responsible for the payment of all ad valorem,  
 42 production, severance, excise, gathering and other taxes, and all royalty, overriding royalty and other burdens applicable to  
 43 Non-Consenting Party's share of production not excepted by Article III.C.

44 In the case of any Reworking, Sidetracking, Plugging Back, Recompleting or Deepening operation, the Consenting  
 45 Parties shall be permitted to use, free of cost, all casing, tubing and other equipment in the well, but the ownership of all  
 46 such equipment shall remain unchanged; and upon abandonment of a well after such Reworking, Sidetracking, Plugging Back,  
 47 Recompleting or Deepening, the Consenting Parties shall account for all such equipment to the owners thereof, with each  
 48 party receiving its proportionate part in kind or in value, less cost of salvage.

49 Within ninety (90) days after the completion of any operation under this Article, the party conducting the operations  
 50 for the Consenting Parties shall furnish each Non-Consenting Party with an inventory of the equipment in and connected to  
 51 the well, and an itemized statement of the cost of drilling, Sidetracking, Deepening, Plugging Back, testing, Completing,  
 52 Recompleting, and equipping the well for production; or, at its option, the operating party, in lieu of an itemized statement  
 53 of such costs of operation, may submit a detailed statement of monthly billings. Each month <sup>quarter</sup> thereafter, during the time the  
 54 Consenting Parties are being reimbursed as provided above, the party conducting the operations for the Consenting Parties  
 55 shall furnish the Non-Consenting Parties with an itemized statement of all costs and liabilities incurred in the operation of  
 56 the well, together with a statement of the quantity of Oil and Gas produced from it and the amount of proceeds realized from  
 57 the sale of the well's working interest production during the preceding month. In determining the quantity of Oil and Gas  
 58 produced during any month, Consenting Parties shall use industry accepted methods such as but not limited to metering or  
 59 periodic well tests. Any amount realized from the sale or other disposition of equipment newly acquired in connection with  
 60 any such operation which would have been owned by a Non-Consenting Party had it participated therein shall be credited  
 61 against the total unrecovered costs of the work done and of the equipment purchased in determining when the interest of such  
 62 Non-Consenting Party shall revert to it as above provided; and if there is a credit balance, it shall be paid to such Non-  
 63 Consenting Party.

64 If and when the Consenting Parties recover from a Non-Consenting Party's relinquished interest, the amounts provided  
 65 for above, the relinquished interests of such Non-Consenting Party shall automatically revert to it as of 7:00 a.m. on the <sup>day of the month</sup> / day  
 66 following the day on which such recoupment occurs, and, from and after such reversion, such Non-Consenting Party shall  
 67 own the same interest in such well, the material and equipment in or pertaining thereto, and the production therefrom as  
 68 such Non-Consenting Party would have been entitled to had it participated in the drilling, Sidetracking, Reworking,  
 69 Deepening, Recompleting or Plugging Back of said well. Thereafter, such Non-Consenting Party shall be charged with and  
 70 shall pay its proportionate part of the further costs of the operation of said well in accordance with the terms of this  
 71 agreement and Exhibit "C" attached hereto.

72 3. Stand-By Costs: When a well which has been drilled or Deepened has reached its authorized depth and all tests have  
 73 been completed and the results thereof furnished to the parties, or when operations on the well have been otherwise  
 74 terminated pursuant to Article VI.F., stand-by costs incurred pending response to a party's notice proposing a Reworking,

Sidetracking, Deepening, Re-completing, Plugging Back or Completing operation in such a well (including the period required under Article VI.B.6. to resolve competing proposals) shall be charged and borne as part of the drilling or Deepening operation just completed. Stand-by costs subsequent to all parties responding, or expiration of the response time permitted, whichever first occurs, and prior to agreement as to the participating interests of all Consenting Parties pursuant to the terms of the second grammatical paragraph of Article VI.B.2. (a), shall be charged to and borne as part of the proposed operation, but if the proposal is subsequently withdrawn because of insufficient participation, such stand-by costs shall be allocated between the Consenting Parties in the proportion each Consenting Party's interest as shown on Exhibit "A" bears to the total interest as shown on Exhibit "A" of all Consenting Parties.

In the event that notice for a Sidetracking operation is given while the drilling rig to be utilized is on location, any party may request and receive up to five (5) additional days after expiration of the ~~party's~~ <sup>(twenty-four)</sup> hour response period specified in Article VI.B.1. within which to respond by paying for all stand-by costs and other costs incurred during such extended response period; Operator may require such party to pay the estimated stand-by time in advance as a condition to extending the response period. If more than one party elects to take such additional time to respond to the notice, standby costs shall be allocated between the parties taking additional time to respond on a day-to-day basis in the proportion each electing party's interest as shown on Exhibit "A" bears to the total interest as shown on Exhibit "A" of all the electing parties.

4. Deepening: If less than all parties elect to participate in a drilling, Sidetracking, or Deepening operation proposed pursuant to Article VI.B.1., the interest relinquished by the Non-Consenting Parties to the Consenting Parties under Article VI.B.2. shall relate only and be limited to the lesser of (i) the total depth actually drilled or (ii) the objective depth or Zone of which the parties were given notice under Article VI.B.1. ("Initial Objective"). Such well shall not be Deepened beyond the Initial Objective without first complying with this Article to afford the Non-Consenting Parties the opportunity to participate in the Deepening operation.

In the event any Consenting Party desires to drill or Deepen a Non-Consent Well to a depth below the Initial Objective, such party shall give notice thereof, complying with the requirements of Article VI.B.1., to all parties (including Non-Consenting Parties). Thereupon, Articles VI.B.1. and 2. shall apply and all parties receiving such notice shall have the right to participate or not participate in the Deepening of such well pursuant to said Articles VI.B.1. and 2. If a Deepening operation is approved pursuant to such provisions, and if any Non-Consenting Party elects to participate in the Deepening operation, such Non-Consenting party shall pay or make reimbursement (as the case may be) of the following costs and expenses.

(a) If the proposal to Deepen is made prior to the Completion of such well as a well capable of producing in paying quantities, such Non-Consenting Party shall pay (or reimburse Consenting Parties for, as the case may be) that share of costs and expenses incurred in connection with the drilling of said well from the surface to the Initial Objective which Non-Consenting Party would have paid had such Non-Consenting Party agreed to participate therein, plus the Non-Consenting Party's share of the cost of Deepening and of participating in any further operations on the well in accordance with the other provisions of this Agreement; provided, however, all costs for testing and Completion or attempted Completion of the well incurred by Consenting Parties prior to the point of actual operations to Deepen beyond the Initial Objective shall be for the sole account of Consenting Parties.

(b) If the proposal is made for a Non-Consent Well <sup>Operation</sup> ~~that has been previously Completed as a well~~ <sup>and is</sup> capable of producing in paying quantities, ~~but is no longer capable of producing in paying quantities,~~ such Non-Consenting Party shall pay (or reimburse Consenting Parties for, as the case may be) its proportionate share of all costs of drilling, Completing, and equipping said well from the surface to the Initial Objective, calculated in the manner provided in paragraph (a) above, less those costs recouped by the Consenting Parties from the sale of production from the well. The Non-Consenting Party shall also pay its proportionate share of all costs of re-entering said well. The Non-Consenting Parties' proportionate part (based on the percentage of such well Non-Consenting Party would have owned had it previously participated in such Non-Consent Well) / of the costs of salvable materials and equipment remaining in the hole and salvable surface equipment used in connection with such well shall be determined in accordance with Exhibit "C." If the Consenting Parties have recouped the cost of drilling, Completing, and equipping the well at the time such Deepening operation is conducted, then a Non-Consenting Party may participate in the Deepening of the well with no payment for costs incurred prior to re-entering the well for Deepening.

The foregoing shall not imply a right of any Consenting Party to propose any Deepening for a Non-Consent Well <sup>Operation</sup> prior to the drilling of such well to its Initial Objective without the consent of the other Consenting Parties as provided in Article VI.B.4. ~~this article VI.B.4. shall not apply to Deepening operations within an existing Lateral or a Horizontal or Multi-lateral Well.~~

5. Sidetracking: Any party having the right to participate in a proposed Sidetracking operation that does not own an interest in the affected wellbore at the time of the notice shall, upon electing to participate, tender to the wellbore owners its proportionate share (equal to its interest in the Sidetracking operation) of the value of that portion of the existing wellbore to be utilized as follows:

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

(b) If the proposal is for Sidetracking a well which has previously produced, reimbursement shall be on the basis of such party's proportionate share of drilling and equipping costs incurred in the initial drilling of the well down to the depth at which the Sidetracking operation is conducted, calculated in the manner described in Article VI.B.4(b) above. Such party's proportionate share of the cost of the well's salvable materials and equipment down to the depth at which the Sidetracking operation is initiated shall be determined in accordance with the provisions of Exhibit "C." **ADDITION \*\* SEE ARTICLE XVI.**

6. Order of Precedence of Operations. Except as otherwise specifically provided in this agreement, if any party desires to propose the conduct of an operation that conflicts with a proposal that has been made by a party under this Article VI, such party shall have fifteen (15) days from delivery of the initial proposal, in the case of a proposal to drill a well or to perform an operation on a well where no drilling rig is on location, or (twenty-four (24) hours, exclusive of Saturday, Sunday and legal holidays, from delivery of the initial proposal, if a drilling rig is on location for the well on which such operation is to be conducted, to deliver to all parties entitled to participate in the proposed operation such party's alternative proposal, such alternate proposal to contain the same information required to be included in the initial proposal. Each party receiving such proposals shall elect by delivery of notice to Operator within five (5) days after expiration of the proposal period, or within (twenty-four (24) hours (exclusive of Saturday, Sunday and legal holidays) if a drilling rig is on location for the well that is the subject of the proposals, to participate in one of the competing proposals. Any party not electing within the time required shall be deemed not to have voted. The proposal receiving the vote of parties owning the largest aggregate percentage interest of the parties voting shall have priority over all other competing proposals; in the case of a tie vote, the



initial proposal shall prevail. Operator shall deliver notice of such result to all parties entitled to participate in the operation within five (5) days after expiration of the election period (or within twenty-four (24) hours, exclusive of Saturday, Sunday and legal holidays, if a drilling rig is on location). Each party shall then have two (2) days (or twenty-four (24) hours if a rig is on location) from receipt of such notice to elect by delivery of notice to Operator to participate in such operation or to relinquish interest in the affected well pursuant to the provisions of Article VI.B.2; failure by a party to deliver notice within such period shall be deemed an election not to participate in the prevailing proposal.

7. Conformity to Spacing Pattern. Notwithstanding the provisions of this Article VI.B.2., it is agreed that no wells shall be proposed to be drilled to or Completed in or produced from a Zone from which a well located elsewhere on the Contract Area is producing, unless such well conforms to the then-existing well spacing pattern for such Zone.

8. Paving Wells. No party shall conduct any Reworking, Deepening, Plugging Back, Completion, Recompletion, or Sidetracking operation under this agreement with respect to any well then capable of producing in paying quantities except with the consent of all parties that have not relinquished interests in the well at the time of such operation.

#### C. Completion of Wells; Reworking and Plugging Back:

1. Completion: Without the consent of all parties, no well shall be drilled, Deepened or Sidetracked, except any well drilled, Deepened or Sidetracked pursuant to the provisions of Article VI.B.2. / of this agreement. Consent to the drilling, Deepening or Sidetracking shall include:

☒ Option No. 1: All necessary expenditures for the drilling, Deepening or Sidetracking, testing, Completing and equipping of the well, including necessary tankage and/or surface facilities.

~~☐ Option No. 2: All necessary expenditures for the drilling, Deepening or Sidetracking and testing of the well. When such well has reached its authorized depth, and all logs, cores and other tests have been completed, and the results thereof furnished to the parties, Operator shall give immediate notice to the Non-Operators having the right to participate in a Completion attempt whether or not Operator recommends attempting to Complete the well, together with Operator's AFE for Completion costs if not previously provided. The parties receiving such notice shall have forty-eight (48) hours (exclusive of Saturday, Sunday and legal holidays) in which to elect by delivery of notice to Operator to participate in a recommended Completion attempt or to make a Completion proposal with an accompanying AFE. Operator shall deliver any such Completion proposal, or any Completion proposal conflicting with Operator's proposal, to the other parties entitled to participate in such Completion in accordance with the procedures specified in Article VI.B.6. Election to participate in a Completion attempt shall include consent to all necessary expenditures for the Completing and equipping of such well, including necessary tankage and/or surface facilities but excluding any stimulation operation not contained on the Completion AFE. Failure of any party receiving such notice to reply within the period above fixed shall constitute an election by that party not to participate in the cost of the Completion attempt; provided, that Article VI.B.6. shall control in the case of conflicting Completion proposals. If one or more, but less than all of the parties, elect to attempt a Completion, the provision of Article VI.B.2. hereof (the phrase "Reworking, Sidetracking, Deepening, Recompleting or Plugging Back" as contained in Article VI.B.2. shall be deemed to include "Completing") shall apply to the operations hereunder conducted by less than all parties; provided, however, that Article VI.B.2. shall apply separately to each separate Completion or Recompletion attempt undertaken hereunder, and an election to become a Non-Consenting Party as to one Completion or Recompletion attempt shall not prevent a party from becoming a Consenting Party in subsequent Completion or Recompletion attempts regardless whether the Consenting Parties as to earlier Completions or Recompletion have recouped their costs pursuant to Article VI.B.2. provided further, that any recoupment of costs by a Consenting Party shall be made solely from the production attributable to the Zone in which the Completion attempt is made. Election by a previous Non-Consenting party to participate in a subsequent Completion or Recompletion attempt shall require such party to pay its proportionate share of the cost of salvage materials and equipment installed in the well pursuant to the previous Completion or Recompletion attempt, insofar and only insofar as such materials and equipment benefit the Zone in which such party participates in a Completion attempt.~~

2. Rework, Recomplete or Plug Back: No well shall be Reworked, Recompleted or Plugged Back except a well Reworked, Recompleted, or Plugged Back pursuant to the provisions of Article VI.B.2. of this agreement. Consent to the Reworking, Recompleting or Plugging Back of a well shall include all necessary expenditures in conducting such operations and Completing and equipping of said well, including necessary tankage and/or surface facilities.

#### D. Other Operations:

Operator shall not undertake any single project reasonably estimated to require an expenditure in excess of Fifty Thousand Dollars (\$ 50,000.00 ) except in connection with the drilling, Sidetracking, Reworking, Deepening, Completing, Recompleting or Plugging Back of a well that has been previously authorized by or pursuant to this agreement; provided, however, that, in case of explosion, fire, flood or other sudden emergency, whether of the same or different nature, Operator may take such steps and incur such expenses as in its opinion are required to deal with the emergency to safeguard life and property but Operator, as promptly as possible, shall report the emergency to the other parties. If Operator prepares an AFE for its own use, Operator shall furnish any Non-Operator so requesting an information copy thereof for any single project costing in excess of Fifty Thousand Dollars (\$ 50,000.00 ); Any party who has not relinquished its interest in a well shall have the right to propose that Operator perform repair work or undertake the installation of artificial lift equipment or ancillary production facilities such as salt water disposal wells or to conduct additional work with respect to a well drilled hereunder or other similar project (but not including the installation of gathering lines or other transportation or marketing facilities, the installation of which shall be governed by separate agreement between the parties) reasonably estimated to require an expenditure in excess of the amount first set forth above in this Article VI.D. (except in connection with an operation required to be proposed under Articles VI.B.1. or VI.C.1. Option No. 2, which shall be governed exclusively by those Articles). Operator shall deliver such proposal to all parties entitled to participate therein. If within (thirty (30) days thereof Operator secures the written consent of any party or parties owning at least 50 % of the interests of the parties entitled to participate in such operation, each party having the right to participate in such project shall be bound by the terms of such proposal and shall be obligated to pay its proportionate share of the costs of the proposed project as if it had consented to such project pursuant to the terms of the proposal.

#### E. Abandonment of Wells:

1. Abandonment of Dry Holes: Except for any well drilled or Deepened pursuant to Article VI.B.2., any well which has been drilled or Deepened under the terms of this agreement and is proposed to be completed as a dry hole shall not be

plugged and abandoned without the consent of all parties. Should Operator, after diligent effort, be unable to contact any party, or should any party fail to reply within ~~forty-eight (48)~~ <sup>twenty-four (24)</sup> hours (exclusive of Saturday, Sunday and legal holidays) after delivery of notice of the proposal to plug and abandon such well, such party shall be deemed to have consented to the proposed abandonment. All such wells shall be plugged and abandoned in accordance with applicable regulations and at the cost, risk and expense of the parties who participated in the cost of drilling or Deepening such well. Any party who objects to plugging and abandoning such well by notice delivered to Operator within ~~forty-eight (48)~~ <sup>twenty-four (24)</sup> hours (exclusive of Saturday, Sunday and legal holidays) after delivery of notice of the proposed plugging shall take over the well as of the end of such ~~forty-eight (48)~~ <sup>twenty-four (24)</sup> hour notice period and conduct further operations in search of Oil and/or Gas subject to the provisions of Article VI.B.; failure of such party to provide proof reasonably satisfactory to Operator of its financial capability to conduct such operations or to take over the well within such period or thereafter to conduct operations on such well or plug and abandon such well shall entitle Operator to retain or take possession of the well and plug and abandon the well. The party taking over the well shall indemnify Operator (if Operator is an abandoning party) and the other abandoning parties against liability for any further operations conducted on such well except for the costs of plugging and abandoning the well and restoring the surface, for which the abandoning parties shall remain proportionately liable.

2. Abandonment of Wells That Have Produced: Except for any well in which a Non-Consent operation has been conducted hereunder for which the Consenting Parties have not been fully reimbursed as herein provided, any well which has been completed as a producer shall not be plugged and abandoned without the consent of all parties. If all parties consent to such abandonment, the well shall be plugged and abandoned in accordance with applicable regulations and at the cost, risk and expense of all the parties hereto. Failure of a party to reply within sixty (60) days of delivery of notice of proposed abandonment shall be deemed an election to consent to the proposal. If, within sixty (60) days after delivery of notice of the proposed abandonment of any well, all parties do not agree to the abandonment of such well, those wishing to continue its operation from the Zone then open to production shall be obligated to take over the well as of the expiration of the applicable notice period and shall indemnify Operator (if Operator is an abandoning party) and the other abandoning parties against liability for any further operations on the well conducted by such parties. Failure of such party or parties to provide proof reasonably satisfactory to Operator of their financial capability to conduct such operations or to take over the well within the required period or thereafter to conduct operations on such well shall entitle operator to retain or take possession of such well and plug and abandon the well.

Parties taking over a well as provided herein shall tender to each of the other parties its proportionate share of the value of the well's salvageable material and equipment, determined in accordance with the provisions of Exhibit "C," less the estimated cost of salvaging and the estimated cost of plugging and abandoning and restoring the surface; provided, however, that in the event the estimated plugging and abandoning and surface restoration costs and the estimated cost of salvaging are higher than the value of the well's salvageable material and equipment, each of the abandoning parties shall tender to the parties continuing operations their proportionate shares of the estimated excess cost. Each abandoning party shall assign to the non-abandoning parties, without warranty, express or implied, as to title or as to quantity, or fitness for use of the equipment and material, all of its interest in the wellbore of the well and related equipment, together with its interest in the Leasehold insofar and only insofar as such Leasehold covers the right to obtain production from that wellbore in the Zone then open to production. If the interest of the abandoning party is or includes and <sup>oil</sup> / Oil and Gas interest, such party shall execute and deliver to the non-abandoning party or parties <sup>a mutually acceptable</sup> / an oil and gas lease, <sup>providing for a one-eighth (1/8) proportionately reduced royalty interest</sup> limited to the wellbore and the Zone then open to production, for a term of one (1) year and so long thereafter as Oil and/or Gas is produced from the Zone covered thereby, such lease to be on the form attached as Exhibit "B." The assignments or leases so limited shall encompass the Drilling Unit upon which the well is located. The payments by, and the assignments or leases to, the assignees shall be in a ratio based upon the relationship of their respective percentage of participation in the Contract Area to the aggregate of the percentages of participation in the Contract Area of all assignees. There shall be no readjustment of interests in the remaining portions of the Contract Area.

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

3. Abandonment of Non-Consent Operations: The provisions of Article VI.E.1. or VI.E.2. above shall be applicable as between Consenting Parties in the event of the proposed abandonment of any well excepted from said Articles; provided, however, no well shall <sup>not</sup> be permanently plugged and abandoned unless and until all parties having the right to conduct further operations therein have been notified of the proposed abandonment and afforded the opportunity to elect to take over the well in accordance with the provisions of this Article VI.E.; and provided further, that Non-Consenting Parties who own an interest in a portion of the well shall pay their proportionate shares of abandonment and surface restoration cost for such well as provided in Article VI.B.2.(b).

#### F. Termination of Operations:

Upon the commencement of an operations for the drilling, Rewrking, Sidetracking, Plugging Back, Deepening, testing, Completion or plugging of a well, including-but-not-limited-to-the-Initial-Well-such operation shall not be terminated without consent of parties bearing 50 % of the costs of such operation; provided, however, that in the event granite or other practically impenetrable substance or condition in the hole is encountered which renders further operations impractical, Operator may discontinue operations and give notice of such condition in the manner provided in Article VI.B.1, and the provisions of Article VI.B. or VI.E. shall thereafter apply to such operation, as appropriate.

#### G. Taking Production in Kind:

##### ☒ Option No. 1: Gas Balancing Agreement Attached

Each party shall take in kind or separately dispose of its proportionate share of all Oil and Gas produced from the Contract Area, exclusive of production which may be used in development and producing operations and in preparing and treating Oil and Gas for marketing purposes and production unavoidably lost. Any extra expenditure incurred in the taking in kind or separate disposition by any party of its proportionate share of the production shall be borne by such party. Any party taking its share of production in kind shall be required to pay for only its proportionate share of such part of Operator's surface facilities which it uses.

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

directly from the purchaser thereof for its share of all production.

If any party fails to make the arrangements necessary to take in kind or separately dispose of its proportionate share of the Oil produced from the Contract Area, Operator shall have the right, subject to the revocation at will by the party owning it, but not the obligation, to purchase such Oil or sell it to others at any time and from time to time, for the account of the non-taking party. Any such purchase or sale by Operator may be terminated by Operator upon at least ten (10) days written notice to the owner of said production and shall be subject always to the right of the owner of the production upon at least ten (10) days written notice to Operator to exercise at any time its right to take in kind, or separately dispose of, its share of all Oil not previously delivered to a purchaser. Any purchase or sale by Operator of any other party's share of Oil shall be only for such reasonable periods of time as are consistent with the minimum needs of the industry under the particular circumstances, but in no event for a period in excess of one (1) year.

Any such sale by Operator shall be in a manner commercially reasonable under the circumstances but Operator shall have no duty to share any existing market or to obtain a price equal to that received under any existing market. The sale or delivery by Operator of a non-taking party's share of Oil under the terms of any existing contract of Operator shall not give the non-taking party any interest in or make the non-taking party a party to said contract. No purchase shall be made by Operator without first giving the non-taking party at least ten (10) days written notice of such intended purchase and the price to be paid or the pricing basis to be used.

All parties shall give timely written notice to Operator of their Gas marketing arrangements for the following month, excluding price, and shall notify Operator immediately in the event of a change in such arrangements. Operator shall maintain records of all marketing arrangements, and of volumes actually sold or transported, which records shall be made available to Non-Operators upon reasonable request.

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

#### ~~E - Option No. 3: No Gas Balancing Agreements~~

~~Each party shall take in kind or separately dispose of its proportionate share of all Oil and Gas produced from the Contract Area, exclusive of production which may be used in development and producing operations and in preparing and treating Oil and Gas for marketing purposes and production unavoidably lost. Any extra expenditures incurred in the taking in kind or separate disposition by any party of its proportionate share of the production shall be borne by such party. Any party taking its share of production in kind shall be required to pay for only its proportionate share of such part of Operator's surface facilities which it uses.~~

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

~~If any party fails to make the arrangements necessary to take in kind or separately dispose of its proportionate share of the Oil and/or Gas produced from the Contract Area, Operator shall have the right, subject to the revocation at will by the party owning it, but not the obligation, to purchase such Oil and/or Gas or sell it to others at any time and from time to time, for the account of the non-taking party. Any such purchase or sale by Operator may be terminated by Operator upon at least ten (10) days written notice to the owner of said production and shall be subject always to the right of the owner of the production upon at least ten (10) days written notice to Operator to exercise its right to take in kind or separately dispose of its share of all Oil and/or Gas not previously delivered to a purchaser, provided, however, that the effective date of any such revocation may be deferred at Operator's election for a period not to exceed ninety (90) days if Operator has committed such production to a purchase contract having a term extending beyond such ten (10) day period. Any purchase or sale by Operator of any other party's share of Oil and/or Gas shall be only for such reasonable periods of time as are consistent with the minimum needs of the industry under the particular circumstances, but in no event for a period in excess of one (1) year.~~

~~Any such sale by Operator shall be in a manner commercially reasonable under the circumstances, but Operator shall have no duty to share any existing market or transportation arrangement or to obtain a price or transportation fee equal to that received under any existing market or transportation arrangement. The sale or delivery by Operator of a non-taking party's share of production under the terms of any existing contract of Operator shall not give the non-taking party any interest in or make the non-taking party a party to said contract. No purchase of Oil and Gas and no sale of Gas shall be made by Operator without first giving the non-taking party ten days written notice of such intended purchase or sale and the price to be paid or the pricing basis to be used. Operator shall give notice to all parties of the first sale of Gas from any well under this Agreement.~~

~~All parties shall give timely written notice to Operator of their Gas marketing arrangements for the following month, excluding price, and shall notify Operator immediately in the event of a change in such arrangements. Operator shall maintain records of all marketing arrangements, and of volumes actually sold or transported, which records shall be made available to Non-Operators upon reasonable request.~~

#### ARTICLE VII.

##### EXPENDITURES AND LIABILITY OF PARTIES

###### A. Liability of Parties:

The liability of the parties shall be several, not joint or collective. Each party shall be responsible only for its obligations, and shall be liable only for its proportionate share of the costs of developing and operating the Contract Area. Accordingly, the liens granted among the parties in Article VII.B. are given to secure only the debts of each severally, and no party shall have any liability to third parties hereunder to satisfy the default of any other party in the payment of any expense or obligation hereunder. It is not the intention of the parties to create, nor shall this agreement be construed as creating, a mining or other partnership, joint venture, agency relationship or association, or to render the parties liable as partners, co-venturers, or principals. In their relations with each other under this agreement, the parties shall not be considered fiduciaries or to have established a confidential relationship but rather shall be free to act on an arm's-length basis in accordance with their own respective self-interest, subject, however, to the obligation of the parties to act in good faith in their dealings with each other with respect to activities hereunder.



## B. Liens and Security Interests:

Each party grants to the other parties hereto a lien upon any interest it now owns or hereafter acquires in Oil and Gas Leases and Oil and Gas Interests in the Contract Area, and a security interest and/or purchase money security interest in any interest it now owns or hereafter acquires in the personal property and fixtures on or used or obtained for use in connection therewith, to secure performance of all of its obligations under this agreement including but not limited to payment of expense, interest and fees, the proper disbursement of all monies paid hereunder, the assignment or relinquishment of interest in Oil and Gas Leases as required hereunder, and the proper performance of operations hereunder. Such lien and security interest granted by each party hereto shall include such party's leasehold interests, working interests, operating rights, and royalty and overriding royalty interests in the Contract Area now owned or hereafter acquired and in lands pooled or unitized therewith or otherwise becoming subject to this agreement, the Oil and Gas when extracted therefrom and equipment situated thereon or used or obtained for use in connection therewith (including, without limitation, all wells, tools, and tubular goods), and accounts (including, without limitation, accounts arising from gas imbalances or from the sale of Oil and/or Gas at the wellhead), contract rights, inventory and general intangibles relating thereto or arising therefrom, and all proceeds and products of the foregoing.

To perfect the lien and security agreement provided herein, each party hereto shall execute and acknowledge the recording supplement and/or any financing statement prepared and submitted by any party hereto in conjunction herewith or at any time following execution hereof, and Operator is authorized to file this agreement or the recording supplement executed herewith as a lien or mortgage in the applicable real estate records and as a financing statement with the proper officer under the Uniform Commercial Code in the state in which the Contract Area is situated and such other states as Operator shall deem appropriate to perfect the security interest granted hereunder. Any party may file this agreement, the recording supplement executed herewith, or such other documents as it deems necessary as a lien or mortgage in the applicable real estate records and/or a financing statement with the proper officer under the Uniform Commercial Code.

Each party represents and warrants to the other parties hereto that the lien and security interest granted by such party to the other parties shall be a first and prior lien, and each party hereby agrees to maintain the priority of said lien and security interest against all persons acquiring an interest in Oil and Gas Leases and Interests covered by this agreement by, through or under such party. All parties acquiring an interest in Oil and Gas Leases and Oil and Gas Interests covered by this agreement, whether by assignment, merger, mortgage, operation of law, or otherwise, shall be deemed to have taken subject to the lien and security interest granted by this Article VII.B. as to all obligations attributable to such interest hereunder whether or not such obligations arise before or after such interest is acquired.

To the extent that parties have a security interest under the Uniform Commercial Code of the state in which the Contract Area is situated, they shall be entitled to exercise the rights and remedies of a secured party under the Code. The bringing of a suit and the obtaining of judgment by a party for the secured indebtedness shall not be deemed an election of remedies or otherwise affect the lien rights or security interest as security for the payment thereof. In addition, upon default by any party in the payment of its share of expenses, interests or fees, or upon the improper use of funds by the Operator, the other parties shall have the right, without prejudice to other rights or remedies, to collect from the purchaser the proceeds from the sale of such defaulting party's share of Oil and Gas until the amount owed by such party, plus interest as provided in "Exhibit C," has been received, and shall have the right to offset the amount owed against the proceeds from the sale of such defaulting party's share of Oil and Gas. All purchasers of production may rely on a notification of default from the non-defaulting party or parties stating the amount due as a result of the default, and all parties waive any recourse available against purchasers for releasing production proceeds as provided in this paragraph.

If any party fails to pay its share of cost within one hundred twenty (120) days after rendition of a statement therefor by Operator, the non-defaulting parties, including Operator, shall upon request by Operator, pay the unpaid amount in the proportion that the interest of each such party bears to the interest of all such parties. The amount paid by each party so paying its share of the unpaid amount shall be secured by the liens and security rights described in Article VII.B., and each paying party may independently pursue any remedy available hereunder or otherwise.

If any party does not perform all of its obligations hereunder, and the failure to perform subjects such party to foreclosure or execution proceedings pursuant to the provisions of this agreement, to the extent allowed by governing law, the defaulting party waives any available right of redemption from and after the date of judgment, any required valuation or appraisal of the mortgaged or secured property prior to sale, any available right to stay execution or to require a marshaling of assets and any required bond in the event a receiver is appointed. In addition, to the extent permitted by applicable law, each party hereby grants to the other parties a power of sale as to any property that is subject to the lien and security rights granted hereunder, such power to be exercised in the manner provided by applicable law or otherwise in a commercially reasonable manner and upon reasonable notice.

Each party agrees that the other parties shall be entitled to utilize the provisions of Oil and Gas lien law or other lien law of any state in which the Contract Area is situated to enforce the obligations of each party hereunder. Without limiting the generality of the foregoing, to the extent permitted by applicable law, Non-Operators agree that Operator may invoke or utilize the mechanics' or materialmen's lien law of the state in which the Contract Area is situated in order to secure the payment to Operator of any sum due hereunder for services performed or materials supplied by Operator.

## C. Advances:

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

## D. Defaults and Remedies:

If any party fails to discharge any financial obligation under this agreement, including without limitation the failure to make any advance under the preceding Article VII.C. or any other provision of this agreement, within the period required for such payment hereunder, then in addition to the remedies provided in Article VII.B. or elsewhere in this agreement, the remedies specified below shall be applicable. For purposes of this Article VII.D., all notices and elections shall be delivered

only by Operator, except that Operator shall deliver any such notice and election requested by a non-defaulting Non-Operator, and when Operator is the party in default, the applicable notices and elections can be delivered by any Non-Operator. Election of any one or more of the following remedies shall not preclude the subsequent use of any other remedy specified below or otherwise available to a non-defaulting party.

1. Suspension of Rights: Any party may deliver to the party in default a Notice of Default, which shall specify the default, specify the action to be taken to cure the default, and specify that failure to take such action will result in the exercise of one or more of the remedies provided in this Article. If the default is not cured within thirty (30) days of the delivery of such Notice of Default, all of the rights of the defaulting party granted by this agreement may upon notice be suspended until the default is cured, without prejudice to the right of the non-defaulting party or parties to continue to enforce the obligations of the defaulting party previously accrued or thereafter accruing under this agreement. If Operator is the party in default, the Non-Operators shall have in addition the right, by vote of Non-Operators owning a majority in interest in the Contract Area after excluding the voting interest of Operator, to appoint a new Operator effective immediately. The rights of a defaulting party that may be suspended hereunder at the election of the non-defaulting parties shall include, without limitation, the right to receive information as to any operation conducted hereunder during the period of such default, the right to elect to participate in an operation proposed under Article VI.B. of this agreement, the right to participate in an operation being conducted under this agreement even if the party has previously elected to participate in such operation, and the right to receive proceeds of production from any well subject to this agreement.

2. Suit for Damages: Non-defaulting parties or Operator for the benefit of non-defaulting parties may sue (at joint account expense) to collect the amounts in default, plus interest accruing on the amounts recovered from the date of default until the date of collection at the rate specified in Exhibit "C" attached hereto. Nothing herein shall prevent any party from suing any defaulting party to collect consequential damages accruing to such party as a result of the default.

3. Deemed Non-Consent: The non-defaulting party may deliver a written Notice of Non-Consent Election to the defaulting party at any time after the expiration of the thirty-day cure period following delivery of the Notice of Default, in which event if the billing is for the drilling a new well or the Plugging Back, Sidetracking, Reworking or Deepening of a well which is to be or has been plugged as a dry hole, or for the Completion or Recompletion of any well, the defaulting party will be conclusively deemed to have elected not to participate in the operation and to be a Non-Consenting Party with respect thereto under Article VI.B. or VI.C., as the case may be, to the extent of the costs unpaid by such party, notwithstanding any election to participate theretofore made. If election is made to proceed under this provision, then the non-defaulting parties may not elect to sue for the unpaid amount pursuant to Article VII.D.2.

Until the delivery of such Notice of Non-Consent Election to the defaulting party, such party shall have the right to cure its default by paying its unpaid share of costs plus interest at the rate set forth in Exhibit "C," provided, however, such payment shall not prejudice the rights of the non-defaulting parties to pursue remedies for damages incurred by the non-defaulting parties as a result of the default. Any interest relinquished pursuant to this Article VII.D.3. shall be offered to the non-defaulting parties in proportion to their interests, and the non-defaulting parties electing to participate in the ownership of such interest shall be required to contribute their shares of the defaulted amount upon their election to participate therein.

4. Advance Payment: If a default is not cured within thirty (30) days of the delivery of a Notice of Default, Operator, or Non-Operators if Operator is the defaulting party, may thereafter require advance payment from the defaulting party of such defaulting party's anticipated share of any item of expense for which Operator, or Non-Operators, as the case may be, would be entitled to reimbursement under any provision of this agreement, whether or not such expense was the subject of the previous default. Such right includes, but is not limited to, the right to require advance payment for the estimated costs of drilling a well or Completion of a well as to which an election to participate in drilling or Completion has been made. If the defaulting party fails to pay the required advance payment, the non-defaulting parties may pursue any of the remedies provided in the Article VII.D. or any other default remedy provided elsewhere in this agreement. Any excess of funds advanced remaining when the operation is completed and all costs have been paid shall be promptly returned to the advancing party.

5. Costs and Attorneys' Fees: In the event any party is required to bring legal proceedings to enforce any financial obligation of a party hereunder, the prevailing party in such action shall be entitled to recover all court costs, costs of collection, and a reasonable attorney's fee, which the lien provided for herein shall also secure.

#### E. Rentals, Shut-In Well Payments and Minimum Royalties:

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

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

#### F. Taxes:

Beginning with the first calendar year after the effective date hereof, Operator shall render for ad valorem taxation all property subject to this agreement which by law should be rendered for such taxes, and it shall pay all such taxes assessed thereon before they become delinquent. Prior to the rendition date, each Non-Operator shall furnish Operator information as to burdens (to include, but not be limited to, royalties, overriding royalties and production payments) on Leases and Oil and Gas Interests contributed by such Non-Operator. If the assessed valuation of any Lease is reduced by reason of its being subject to outstanding excess royalties, overriding royalties or production payments, the reduction in ad valorem taxes resulting therefrom shall inure to the benefit of the owner or owners of such Lease, and Operator shall adjust the charge to such owner or owners so as to reflect the benefit of such reduction. If the ad valorem taxes are based in whole or in part upon separate valuations of each party's working interest, then notwithstanding anything to the contrary herein, charges to the joint account shall be made and paid by the parties hereto in accordance with the tax value generated by each party's working interest. Operator shall bill the other parties for their proportionate shares of all tax payments in the manner provided in Exhibit "C." If at any time any party pays its share of production in kind, or separately disposes of it, such party shall pay or cause to be paid any and all taxes to such production except for any and all ad valorem taxes which shall be paid in accordance with this Article VII.F.



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

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

#### ARTICLE VIII.

#### ACQUISITION, MAINTENANCE OR TRANSFER OF INTEREST

##### A. Surrender of Leases:

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

However, should any party desire to surrender its interest in any Lease or in any portion thereof, such party shall give written notice of the proposed surrender to all parties, and the parties to whom such notice is delivered shall have thirty (30) days after delivery of the notice within which to notify the party proposing the surrender whether they elect to consent thereto. Failure of a party to whom such notice is delivered to reply within said 30-day period shall constitute a consent to the surrender of the Leases described in the notice. If all parties do not agree or consent thereto, the party desiring to surrender shall assign, without express or implied warranty of title, all of its interest in such Lease, or portion thereof, and any well, material and equipment which may be located thereon and any rights in production thereafter secured, to the parties not consenting to such surrender. If the interest of the assigning party is or includes an Oil and Gas Interest, the assigning party shall execute and deliver to the party or parties not consenting to such surrender an oil and gas lease covering such Oil and Gas Interest for a term of one (1) year and so long thereafter as Oil and/or Gas is produced from the land covered thereby, such lease to be on the form attached hereto as Exhibit "B." Upon such assignment or lease, the assigning party shall be relieved from all obligations thereafter accruing, but not theretofore accrued, with respect to the interest assigned or leased and the operation of any well attributable thereto, and the assigning party shall have no further interest in the assigned or leased premises and its equipment and production other than the royalties retained in any lease made under the terms of this Article. The party assignee or lessee shall pay to the party assignor or lessor the reasonable salvage value of the latter's interest in any well's salvable materials and equipment attributable to the assigned or leased acreage. The value of all salvable materials and equipment shall be determined in accordance with the provisions of Exhibit "C," less the estimated cost of salvaging and the estimated cost of plugging and abandoning and restoring the surface. If such value is less than such costs, then the party assignor or lessor shall pay to the party assignee or lessee the amount of such deficit. If the assignment or lease is in favor of more than one party, the interest shall be shared by such parties in the proportions that the interest of each bears to the total interest of all such parties. If the interest of the parties to whom the assignment is to be made varies according to depth, then the interest assigned shall similarly reflect such variances.

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

##### B. Renewal or Extension of Leases:

~~If any party secures a renewal or replacement of an Oil and Gas Lease or interest subject to this agreement, then all other parties shall be notified promptly upon such acquisition or in the case of a replacement Lease taken before expiration of an existing Lease, promptly upon expiration of the existing Lease. The parties notified shall have the right for a period of thirty (30) days following delivery of such notice in which to elect to participate in the ownership of the renewal or replacement Lease, insofar as such Lease affects lands within the Contract Area, by paying to the party who acquired it their proportionate shares of the acquisition cost allocated to that part of such Lease within the Contract Area, which shall be in proportion to the interest held at that time by the parties in the Contract Area. Each party who participates in the purchase of a renewal or replacement Lease shall be given an assignment of its proportionate interest therein by the acquiring party.~~

~~If some, but less than all, of the parties elect to participate in the purchase of a renewal or replacement Lease, it shall be owned by the parties who elect to participate therein, in a ratio based upon the relationship of their respective percentage of participation in the Contract Area to the aggregate of the percentages of participation in the Contract Area of all parties participating in the purchase of such renewal or replacement Lease. The acquisition of a renewal or replacement Lease by any or all of the parties hereto shall not cause a readjustment of the interests of the parties stated in Exhibit "A," but any renewal or replacement Lease in which less than all parties elect to participate shall not be subject to this agreement but shall be deemed subject to a separate Operating Agreement in the form of this agreement.~~

~~If the interests of the parties in the Contract Area vary according to depth, then their right to participate proportionately in renewal or replacement Leases and their right to receive an assignment of interest shall also reflect such depth variances.~~

~~The provisions of this Article shall apply to renewal or replacement Leases whether they are for the entire interest covered by the expiring Lease or cover only a portion of its area or an interest therein. Any renewal or replacement Lease taken before the expiration of its predecessor Lease, or taken or contracted for or becoming effective within six (6) months after the expiration of the existing Lease, shall be subject to this provision so long as this agreement is in effect at the time of such acquisition or at the time the renewal or replacement Lease becomes effective; but any Lease taken or contracted for more than six (6) months after the expiration of an existing Lease shall not be deemed a renewal or replacement Lease and shall not be subject to the provisions of this agreement.~~

~~The provisions in this Article shall also be applicable to extensions of Oil and Gas Leases.~~

##### C. Acreage or Cash Contributions:

While this agreement is in force, if any party contracts for a contribution of cash towards the drilling of a well or any other operation on the Contract Area, such contribution shall be paid to the party who conducted the drilling or other operation and shall be applied by it against the cost of such drilling or other operation. If the contribution be in the form of acreage, the party to whom the contribution is made shall promptly tender an assignment of the acreage, without warranty of title, to the Drilling Parties in the proportions said Drilling Parties shared the cost of drilling the well. Such acreage shall become a separate Contract Area and, to the extent possible, be governed by provisions identical to this agreement. Each party shall promptly notify all other parties of any acreage or cash contributions it may obtain in support of any well or any other operation on the Contract Area. The above provisions shall also be applicable to optional rights to earn acreage outside the Contract Area which are in support of well drilled inside Contract Area.

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

#### D. Assignment; Maintenance of Uniform Interest:

~~For the purpose of maintaining uniformity of ownership in the Contract Area in the Oil and Gas Leases, Oil and Gas Interests, wells, equipment and production covered by this agreement no party shall sell, encumber, transfer or make other disposition of its interest in the Oil and Gas Leases and Oil and Gas Interests embraced within the Contract Area or in wells, equipment and production unless such disposition covers either:~~

- ~~1. the entire interest of the party in all Oil and Gas Leases, Oil and Gas Interests, wells, equipment and production; or~~
- ~~2. an equal undivided percent of the party's present interest in all Oil and Gas Leases, Oil and Gas Interests, wells, equipment and production in the Contract Area.~~

Every sale, encumbrance, transfer or other disposition made by any party shall be made expressly subject to this agreement and shall be made without prejudice to the right of the other parties, and any transferee of an ownership interest in any Oil and Gas Lease or Interest shall be deemed a party to this agreement as to the interest conveyed from and after the effective date of the transfer of ownership; provided, however, that the other parties shall not be required to recognize any such sale, encumbrance, transfer or other disposition for any purpose hereunder until thirty (30) days after they have received a copy of the instrument of transfer or other satisfactory evidence thereof in writing from the transferor or transferee. No assignment or other disposition of interest by a party shall relieve such party of obligations previously incurred by such party hereunder with respect to the interest transferred, including without limitation the obligation of a party to pay all costs attributable to an operation conducted hereunder in which such party has agreed to participate prior to making such assignment, and the lien and security interest granted by Article VII.B. shall continue to burden the interest transferred to secure payment of any such obligations.

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

#### E. Waiver of Rights to Partition:

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

#### F. Preferential Right to Purchases

~~(Optional; Check if applicable)~~

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

### ARTICLE IX.

#### INTERNAL REVENUE CODE ELECTION

If, for federal income tax purposes, this agreement and the operations hereunder are regarded as a partnership, and if the parties have not otherwise agreed to form a tax partnership pursuant to Exhibit "C" or other agreement between them, each party hereby affected elects to be excluded from the application of all of the provisions of Subchapter "K," Chapter 1, Subtitle "A," of the Internal Revenue Code of 1986, as amended ("Code"), as permitted and authorized by Section 761 of the Code and the regulations promulgated thereunder. Operator is authorized and directed to execute on behalf of each party hereby affected such evidence of this election as may be required by the Secretary of the Treasury of the United States or the Federal Internal Revenue Service, including specifically, but not by way of limitation, all of the returns, statements, and the data required by Treasury Regulation §1.761. Should there be any requirement that each party hereby affected give further evidence of this election, each such party shall execute such documents and furnish such other evidence as may be required by the Federal Internal Revenue Service or as may be necessary to evidence this election. No such party shall give any notices or take any other action inconsistent with the election made hereby. If any present or future income tax laws of the state or states in which the Contract Area is located or any future income tax laws of the United States contain provisions similar to those in Subchapter "K," Chapter 1, Subtitle "A," of the Code, under which an election similar to that provided by Section 761 of the Code is permitted, each party hereby affected shall make such election as may be permitted or required by such laws. In making the foregoing election, each such party states that the income derived by such party from operations hereunder can be adequately determined without the computation of partnership taxable income.

### ARTICLE X.

#### CLAIMS AND LAWSUITS

Operator may settle any single uninsured third party damage claim or suit arising from operations hereunder if the expenditure does not exceed Fifty Thousand Dollars (\$ 50,000.00 ) and if the payment is in complete settlement of such claim or suit. If the amount required for settlement exceeds the above amount, the parties hereto shall assume and take over the further handling of the claim or suit, unless such authority is delegated to Operator. All costs and expenses of handling settling, or otherwise discharging such claim or suit shall be at the joint expense of the parties participating in the operation from which the claim or suit arises. If a claim is made against any party or if any party is sued on account of any matter arising from operations hereunder over which such individual has no control because of the rights given Operator by this agreement, such party shall immediately notify all other parties, and the claim or suit shall be treated as any other claim or suit involving operations hereunder.

ARTICLE XI.  
FORCE MAJEURE

If any party is rendered unable, wholly or in part, by force majeure to carry out its obligations under this agreement, other than the obligation to indemnify or make money payments or furnish security, that party shall give to all other parties prompt written notice of the force majeure with reasonably full particulars concerning it; thereupon, the obligations of the party giving the notice, so far as they are affected by the force majeure, shall be suspended during, but no longer than, the continuance of the force majeure. The term "force majeure," as here employed, shall mean an act of God, strike, lockout, or other industrial disturbance, act of the public enemy, war, blockade, public riot, lightning, fire, storm, flood or other act of nature, explosion, governmental action, governmental delay, restraint or inaction, unavailability of equipment, and any other cause, whether of the kind specifically enumerated above or otherwise, which is not reasonably within the control of the party claiming suspension.

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

ARTICLE XII.  
NOTICES

All notices authorized or required between the parties by any of the provisions of this agreement, unless otherwise specifically provided, shall be in writing and delivered in person or by United States mail, courier service, telegram, telex, email or any other form of facsimile or electronic communication, telecopy or any other form of facsimile, postage or charges prepaid, and addressed to such parties at the addresses listed on Exhibit "A." All telephone or oral notices permitted by this agreement shall be confirmed immediately thereafter by written notice. The originating notice given under any provision hereof shall be deemed delivered only when received by the party to whom such notice is directed, and the time for such party to deliver any notice in response thereto shall run from the date the originating notice is received. "Receipt" for purposes of this agreement with respect to written notice delivered hereunder shall be actual delivery of the notice to the address of the party to be notified specified in accordance with this agreement, or to the telecopy, facsimile or telex machine of such party. The second or any responsive notice shall be deemed delivered when deposited in the United States mail or at the office of the courier or telegraph service, or upon transmittal by telex, telecopy or facsimile, or when personally delivered to the party to be notified, provided, that when response is required within 24 or 48 hours, such response shall be given orally or by telephone, telex, telecopy or other facsimile within such period. Each party shall have the right to change its address at any time, and from time to time, by giving written notice thereof to all other parties. If a party is not available to receive notice orally or by telephone when a party attempts to deliver a notice required to be delivered within 24 or 48 hours, the notice may be delivered in writing by any other method specified herein and shall be deemed delivered in the same manner provided above for any responsive notice.

ARTICLE XIII.  
TERM OF AGREEMENT

This agreement shall remain in full force and effect as to the Oil and Gas Leases and/or Oil and Gas Interests subject hereto for the period of time selected below; provided, however, no party hereto shall ever be construed as having any right, title or interest in or to any Lease or Oil and Gas Interest contributed by any other party beyond the term of this agreement.

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

☒ ~~Option No. 2:~~ In the event the well described in Article VI.A., or any subsequent well <sup>is</sup> drilled under any provision of this agreement, results in the completion of a well as a well capable of production of Oil and/or Gas in paying quantities, this agreement shall continue in force so long as any such well is capable of production, and for an additional period of 180 days thereafter; provided, however, if, prior to the expiration of such additional period, one or more of the parties hereto are engaged in drilling, Reworking, Deepening, Sidetracking, Plugging Back, testing or attempting to Complete or Re-complete a well or wells hereunder, this agreement shall continue in force until such operations have been completed and if production results therefrom, this agreement shall continue in force as provided herein. In the event the well described in Article VI.A., or any subsequent well drilled hereunder, results in a dry hole, and no other well is capable of producing Oil and/or Gas from the Contract Area, this agreement shall terminate unless drilling, Deepening, Sidetracking, Completing, Re-completing, Plugging Back or Reworking operations are commenced within One Hundred and Eighty (180) days from the date of abandonment of said well. "Abandonment" for such purposes shall mean either (i) a decision by all parties not to conduct any further operations on the well or (ii) the elapse of 180 days from the conduct of any operations on the well, whichever first occurs.

The termination of this agreement shall not relieve any party hereto from any expense, liability or other obligation or any remedy therefor which has accrued or attached prior to the date of such termination.

Upon termination of this agreement and the satisfaction of all obligations hereunder, in the event a memorandum of this Operating Agreement has been filed of record, Operator is authorized to file of record in all necessary recording offices a notice of termination, and each party hereto agrees to execute such a notice of termination as to Operator's interest, upon request of Operator, if Operator has satisfied all its financial obligations.

ARTICLE XIV.  
COMPLIANCE WITH LAWS AND REGULATIONS

A. Laws, Regulations and Orders:

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

B. Governing Law:

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

C. Regulatory Agencies:

Nothing herein contained shall grant, or be construed to grant, Operator the right or authority to waive or release any rights, privileges, or obligations which Non-Operators may have under federal or state laws or under rules, regulations or

orders promulgated under such laws in reference to oil, gas and mineral operations, including the location, operation, or production of wells, on tracts offsetting or adjacent to the Contract Area.

With respect to the operations hereunder, Non-Operators agree to release Operator from any and all losses, damages, injuries, claims and causes of action arising out of, incident to or resulting directly or indirectly from Operator's interpretation or application of rules, rulings, regulations or orders of the Department of Energy or Federal Energy Regulatory Commission or predecessor or successor agencies to the extent such interpretation or application was made in good faith and does not constitute gross negligence. Each Non-Operator further agrees to reimburse Operator for such Non-Operator's share of production or any refund, fine, levy or other governmental sanction that Operator may be required to pay as a result of such an incorrect interpretation or application, together with interest and penalties thereon owing by Operator as a result of such incorrect interpretation or application.

#### ARTICLE XV.

##### MISCELLANEOUS

###### A. Execution:

This agreement shall be binding upon each Non-Operator when this agreement or a counterpart thereof has been executed by such Non-Operator and Operator notwithstanding that this agreement is not then or thereafter executed by all of the parties to which it is tendered or which are listed on Exhibit "A" as owning an interest in the Contract Area or which own, in fact, an interest in the Contract Area. Operator may, however, by written notice to all Non-Operators who have become bound by this agreement as aforesaid, given at any time prior to the actual spud date of the Initial Well but in no event later than five days prior to the date specified in Article VI.A. for commencement of the Initial Well, terminate this agreement if Operator in its sole discretion determines that there is insufficient participation to justify commencement of drilling operations. In the event of such a termination by Operator, all further obligations of the parties hereunder shall cease as of such termination. In the event any Non-Operator has advanced or prepaid any share of drilling or other costs hereunder, all sums so advanced shall be returned to such Non-Operator without interest. In the event Operator proceeds with drilling operations for the Initial Well without the execution hereof by all persons listed on Exhibit "A" as having a current working interest in such well, Operator shall indemnify Non-Operators with respect to all costs incurred for the Initial Well which would have been charged to such person under this agreement if such person had executed the same and Operator shall receive all revenues which would have been received by such person under this agreement if such person had executed the same.

###### B. Successors and Assigns:

This agreement shall be binding upon and shall inure to the benefit of the parties hereto and their respective heirs, devisees, legal representatives, successors and assigns, and the terms hereof shall be deemed to run with the Leases or Interests included within the Contract Area.

###### C. Counterparts:

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

###### D. Severability:

For the purposes of assuming or rejecting this agreement as an executory contract pursuant to Federal bankruptcy laws, this agreement shall not be severable, but rather must be assumed or rejected in its entirety, and the failure of any party to this agreement to comply with all of its financial obligations provided herein shall be a material default.

#### ARTICLE XVI.

##### OTHER PROVISIONS

Other Provisions attached hereto and by reference made a part hereof.



**ARTICLE XVI  
OTHER PROVISIONS**

**ARTICLE I. DEFINITIONS CONTINUED**

A. The term "AFE" shall mean an Authority for Expenditure prepared by a party to this agreement for the purpose of estimating the costs to be incurred in conducting an operation hereunder, including any directional drilling costs. An AFE for a Horizontal or Multi-lateral Well shall clearly stipulate that the well being proposed is a Horizontal or Multi-lateral Well and shall include all Completion operations for the proposed Horizontal or Multi-lateral Well.

D. The term "Deepen" shall mean a single operation whereby the well is drilled to an objective Zone below the deepest Zone in which the well was previously drilled, or below the Deepest Zone proposed in the associated AFE, whichever is the lesser. When used in connection with a Horizontal or Multi-lateral Well, the term "Deepen" shall mean an operation whereby a Lateral is drilled to a horizontal distance greater than the distance set out in the well proposal approved by the Consenting Parties, or to a horizontal distance greater than the horizontal distance to which the Lateral was previously drilled.

G. The term "Drillsite" shall mean the Oil and Gas Lease or Oil and Gas Interest on which a proposed well is to be located. The term shall include both the surface location and bottomhole location, unless a contrary intent is indicated. When used in connection with a Horizontal or Multi-lateral Well, the term "Drillsite" shall mean the surface location and the Oil and Gas Leases or Oil and Gas Interests within the spacing unit on which the wellbore, including all Laterals, is located.

H. The term "Well" shall mean the well to be drilled by the parties hereto or any substitute or replacement well defined as well to be drilled in place of or in lieu of the proposed well limited to the terms of this agreement) as provided in Article VI.A., and shall be limited to the wellbore of such well. The term "Well" and "well" may be used interchangeably in this Agreement.

N. The term "Plug Back" shall mean a single operation whereby a deeper Zone is abandoned in order to attempt a Completion in a shallower Zone. When used in connection with a Horizontal or Multi-lateral Well, the term "Plug Back" shall mean an operation to test or Complete the well at a stratigraphically shallower Zone in which an operation has been or is being Completed and which is not within an existing Lateral.

Q. The term "Sidetrack" shall mean the directional control and intentional deviation of the well from vertical so as to change the bottom hole location unless done to straighten the hole or drill around junk in the hole to overcome other mechanical difficulties. The term shall not include initial operations in the Well which may be drilled as a directional well. When used in connection with a Horizontal or Multi-lateral Well, the term "Sidetrack" shall mean the directional control and intentional deviation of a well outside the existing Lateral(s) so as to change the Zone or the direction of a Lateral as originally proposed, unless done to straighten the hole or drill around junk in the hole or to overcome other mechanical difficulties.

R. The term "Zone" shall mean a stratum of earth containing or thought to contain a common accumulation of Oil and Gas separately producible from any other common accumulation of Oil and Gas.

S. The term "Lateral" shall mean that portion of a wellbore that deviates from approximate vertical orientation to approximate horizontal orientation and all wellbore beyond such deviation, and within the objective formation, to Total Measured Depth.

T. The term "Horizontal Well" shall mean a well containing a single Lateral which is drilled, Completed or Recompleted in a manner in which the horizontal component of the complete interval (1) extends at least one hundred (100') feet in the objective formation and (2) exceeds the vertical component of the completion interval in the objective formation.

U. The term "Multi-lateral Well" shall mean a well which contains more than one Lateral which is drilled, Completed or Recompleted in a manner in which the horizontal component of the completion interval of each Lateral (1) extends at least one hundred (100') feet in the objective formation(s) and (2) exceeds the vertical component of the completion interval in the objective formation(s).

V. The term "Total Measured Depth", when used in connection with a Horizontal or Multi-lateral Well, shall mean the distance from the surface of the earth to the terminus of the wellbore, as measured along the wellbore. Each Lateral taken together with the common vertical wellbore shall be considered a single wellbore and shall have a corresponding Total Measured Depth. Notwithstanding the foregoing, in the case of a Multi-lateral Well, if the production from each Lateral is to be commingled in the common vertical wellbore then the Laterals and vertical wellbore shall be considered collectively as one wellbore.

When the proposed operation(s) is the drilling of, or operation on, a Horizontal or Multi-lateral Well, the terms "depth" or "total depth" wherever used in the Agreement shall be deemed to read "Total Measured Depth" insofar as it applies to such well.

W. The term "Vertical Well" shall mean a well drilled, Completed or Recompleted other than a Horizontal or Multi-lateral Well.

## ARTICLE V.

### OPERATOR CONTINUED

#### **A. Designation and Responsibilities of Operator - Additional language added:**

Notwithstanding the foregoing, under no circumstances shall any party be liable to another party for punitive damages, consequential damages, loss of profit, penalty damages or other indirect or unforeseen damages, either in law or in equity, arising from performance or operations under this Agreement. However, nothing herein shall eliminate the right of a party to collect consequential damages accruing to such party as a result of another party's default of the financial obligations under Article VII.D.2 of this Agreement.

D.(7).(d). Any information furnished to or obtained by a Non-Operator pursuant to Articles V.D.5., V.D.6, and V.D.7. shall be maintained as confidential by the Non-Operator and shall not be disclosed by the Non-Operator without the prior written consent of the Operator unless such disclosure is required by law. Notwithstanding anything in this Agreement to the contrary, the rights of a Non-Operator as set forth in Articles V.D.5., V.D.6. and V.D.7. shall only apply in favor of those Non-Operator parties who are Consenting Parties with respect to a proposed operation, until such time as the Consenting Parties are no longer entitled to the Non-Consenting Party's share of production, or the proceeds therefrom, attributable to the proposed operation in which the Non-Consenting Parties did not participate.

## ARTICLE VI.

### DRILLING AND DEVELOPMENT

VI.(B).(5).(c). This Article VI.B.5. not shall apply to operations in an existing Lateral of a Horizontal or Multi-lateral Well. Drilling operations which are intended to recover penetration of the objective formation(s) which are conducted in a Horizontal or Multi-lateral Well shall be considered as included in the original proposed drilling operations.

### OTHER PROVISIONS ADDED

**A. Subrogation Clause:** In Addition to the other rights and remedies, the parties may be subrogated to the rights of any party under any lien or encumbrance and be entitled to an assignment of the subrogor's interest in the Contract Area.

**B. Subordination Agreement:** Prior to any party encumbering its interest, the party proposing to encumber its interest shall give notice to all other parties, and at the request of any other party, as a condition precedent to any encumbrance the mortgagee, grantee or beneficiary, shall execute and place of record a subordination agreement which recognizes the priority of the lien(s) created by the Operating Agreement.

**C. Conflict of Provision:** In the event of a conflict between the provisions of this Article XVI and the other provisions of this Operating Agreement, the provisions of this Article XVI shall control.

**D. Intent of Agreement; Wellbore Specific:** It is the intent of the parties hereto that this Agreement be limited to the wellbore of the Well identified in Article VI.A. For that purpose this Agreement was modified in part. To the extent any provision of this Agreement was not modified, and would conflict with or otherwise be contrary to the parties' intentions, the same shall be read and interpreted in light of the intent of the parties hereto and in a manner necessary to give full effect to the wellbore specific limitations of this Agreement. Furthermore, notwithstanding anything contained herein to the contrary, an election rights and/or participation rights of any party hereto shall be limited to the Zone or Zones in which such party owns a working interest and has a right to participate under the terms of the Agreement.

**E. Drilling and Spacing Unit; Pooling Authority:** The Drilling and Spacing Unit for the Well shall consist of the lands set forth on Exhibit "A" to this Agreement. To the extent any lease contributed by a party may not authorize pooling/ unitization into the Unit described on Exhibit "A", such party will make

reasonable efforts to obtain an amendment to the Lease(s) which will permit such pooling/unitization. Each party hereto shall indemnify and hold harmless all other parties to this Agreement if any Lease it contributes cannot be pooled/unitized.

**F. Prior Operating Agreement(s):** The parties hereto agree that this Joint Operating Agreement shall replace, supersede and be in lieu of any existing Operating Agreement covering the lands, depths and drilling unit covered by this Agreement, limited however to the wellbore of the Well identified in Article VI.A. This Agreement shall not alter or amend any existing Operating Agreement for any other well located or to be located on the lands covered by this Agreement.

**G. Rights Suspended:** For so long as the affected Party remains in default, after notice and opportunity to cure has been provided in accordance with Article VII.D.1., it shall have no other access to the Contract Area or information obtained in connection with the operations hereunder and shall not be entitled to vote on any matter hereunder. As to any proposed operation in which such party otherwise would have the right to participate, and has not otherwise been deemed a Non-Consenting Party to that operation, such Party shall have the right to be a Consenting Party therein only if it pays the amount it is in default before the operation is commenced; otherwise, it automatically shall be deemed a Non-Consenting Party to this operation.

**H. Priority of Operations – Horizontal Wells:** Notwithstanding Article VI.B.6 or anything else in this Agreement to the contrary, it is agreed that where a Horizontal or Multi-lateral Well subject to this Agreement has been drilled to the objective formation and the Consenting Parties cannot agree upon the sequence and timing of further operations regarding such Horizontal or Multi-lateral Well, the following elections shall control in the order of priority enumerated hereafter:

1. An election to do additional logging, coring, or testing;
2. An election to attempt to Complete drilling operations of all proposed Laterals;
3. An election to extend or Deepen a Lateral;
4. An election to kick out and drill an additional Lateral in the same formation;
5. An election to Sidetrack; and
6. An election to plug and abandon the Well as provided for in Article VI.E.

It is provided, however, that if at the time the Consenting Parties are considering any of the above elections, the hole is in such a condition that a reasonably prudent Operator would not conduct the operations contemplated by the particular election involved for fear of placing the hole in jeopardy or losing the hole prior to Completing the Horizontal or Multi-lateral Well in the objective formation, such election shall be eliminated from priorities hereinabove set forth.

**I. Media/News Releases:** No party hereto shall, at any time, issue to the press or other media any news release, or distribute any information or photographs, concerning the Contract Area, without the prior approval of all of the other parties hereto. When all of the parties have reviewed such material and all parties have approved the issuance of the material, the party desiring such release shall have the principal responsibility for its issuance. The only other exception to the foregoing shall be that in the event of any emergency involving extensive property damage, operations failure, loss of human life or other clear emergency, the party designated as Operator hereunder is authorized to furnish such minimum, strictly factual information as shall be necessary to satisfy the legitimate public interest on the part of the press and duly constituted authorities, if time does not permit obtaining prior approval by the other parties. Said Operator shall thereupon promptly advise parties of the information so furnished.

**J. Plugging and Abandoning:** It is understood and agreed that where the terms "plugging and abandoning" or "plugged and abandoned" are used in this agreement such terms shall be deemed to include all costs associated with plugging and abandoning a well including, but not limited to, any costs of remediating contamination and/or surface restoration, to the extent that such remediation and/or surface restoration is required by the lease(s), applicable laws or regulation or by prevailing oil field practices.

**K. Headings:** The descriptive headings used in this Operating Agreement are for convenience only and will not be deemed to affect the meaning of the Operating Agreement.

**L. Construction:** Each party has had the opportunity to contribute to the drafting of this Agreement and/or the opportunity to have it reviewed by its legal counsel; therefore, the parties agree that in the event of a dispute over the meaning or application of this Agreement, it shall be construed as if drafted equally by the parties and no presumption shall arise favoring or disfavoring any party by virtue of the authorship of any provisions of this Agreement.

**M. Special Seismic/Science AFE:** In the event Operator conducts a specialized analysis of seismic or other scientific data, the costs of which are not otherwise charged to the Joint Account, Operator may elect to send a separate AFE covering the costs of such analysis to each Non-Operator, whereupon each Non-Operator that is also a Consenting Party, may elect, within 30 days of receipt of the AFE, to have access to review such analysis or interpretations, by paying its proportionate share of the costs thereof, as set forth in the AFE. Any analysis or interpretations contemplated under this Paragraph M shall not be subject to the provisions of Articles V.D.5., V.D.6. or V.D.7. An election made to participate or not participate in an activity for which an AFE is created under this Paragraph M shall not be subject to Article VI. B. 2. Such an election shall be independent of, and shall not affect in any way, any other election made under the Joint Operating Agreement. Provided, however, that only those Non-Operators who are Consenting parties in all operations governed by this Joint Operating Agreement shall have the opportunity to participate in an activity for which and AFE is created under this Paragraph M.

**N. Damage to Reservoir/Loss of Reserves:** Notwithstanding any contrary provision of this Agreement, no party shall be liable to any other party for damage to a reservoir or loss of hydrocarbons that may result from any operation(s) conducted under this Agreement, except if that damage or loss arises from a party's gross negligence or willful misconduct.



1 IN WITNESS WHEREOF, this agreement shall be effective as of the xx day of xxxx, xxxx.

2 \_\_\_\_\_, who has prepared and circulated this form for execution, represents and warrants  
3 that the form was printed from and, with the exception(s) listed below, is identical to the A.A.P.L. Form 610-1989 Model Form  
4 Operating Agreement, as published in computerized form by Forms On A Disk, Inc. No changes, alterations, or  
modifications, other than those made by strikethrough and/or insertion and that are clearly recognizable as changes in  
Articles \_\_\_\_\_, have been made to the form.

5

6 ATTEST OR WITNESS:

OPERATOR

7

Noble Energy, Inc.

8

By \_\_\_\_\_

9

Joseph H. Lorenzo

10

Type or print name

11

Title Attorney-in-Fact

12

Date \_\_\_\_\_

13

Tax ID or S.S. No. \_\_\_\_\_

14

NON-OPERATORS

15

16

Noble Energy WyCo, LLC

17

By \_\_\_\_\_

18

Joseph H. Lorenzo

19

Type or print name

20

Title Attorney-in-Fact

21

Date \_\_\_\_\_

22

Tax ID or S.S. No. \_\_\_\_\_

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

ACKNOWLEDGMENTS

Note: The following forms of acknowledgment are the short forms approved by the Uniform Law on Notarial Acts. The validity and effect of these forms in any state will depend upon the statutes of that state.

Acknowledgment in representative capacity:

State of Colorado )

City and ) ss.

County of Denver )

This instrument was acknowledged before me on

\_\_\_\_\_ by Joseph H. Lorenzo as

Attorney-In-Fact of Noble Energy, Inc.

(Seal, if any)

\_\_\_\_\_  
Title (and Rank) Notary Public

My commission expires: \_\_\_\_\_

Acknowledgment in representative capacity:

State of \_\_\_\_\_ )

) ss.

County of \_\_\_\_\_ )

This instrument was acknowledged before me on

\_\_\_\_\_ by \_\_\_\_\_ as

\_\_\_\_\_ of \_\_\_\_\_

(Seal, if any)

\_\_\_\_\_  
Title (and Rank) \_\_\_\_\_

My commission expires: \_\_\_\_\_



Exhibit "A"

Attached to and made a part of that certain Joint Operating Agreement dated xxxx xx, xxxx, by and between Noble Energy, Inc., as Operator, and Noble Energy WyCo, LLC, as Non-Operator.

1. Lands Subject to this Agreement:

Township 8 North, Range 61 West, 6<sup>th</sup> P.M.  
Section 23: All  
Weld County, Colorado

Containing 640.00 acres±

2. Restrictions as to Depths, Formation(s) and Wells:

Limited to the Horizontal wells drilled to the Codell-Niobrara formation.

3. Parties to Agreement and Percentage of Working Interest Ownership:

Noble Energy, Inc. (Operator)	00.000000%
1625 Broadway, Suite 2200	
Denver, CO 80202	
Phone No. 303-228-4000	
Fax No. 303-228-4285	

Noble Energy WyCo, LLC	100.000000%
1625 Broadway, Suite 2200	
Denver, CO 80202	
Phone No. 303-228-4000	
Fax No. 303-228-4285	

---

100.000000%

4. Oil and Gas Lease(s) Subject to this Agreement

NEI Lease:

Lessor:

Lessee:

Lease Date:

Recorded: Book , Reception No.

Description: Insofar and only insofar as lease covers the following:

Township North, Range West, 6<sup>th</sup> P.M.  
Section :

NEI Lease:

Lessor:

Lessee:

Lease Date:

Recorded: Book , Reception No.

Description: Insofar and only insofar as lease covers the following:

Township North, Range West, 6<sup>th</sup> P.M.  
Section :

NEI Lease:

Lessor:

Lessee:

Lease Date:

Recorded: Book , Reception No.

Description: Insofar and only insofar as lease covers the following:

Township North, Range West, 6<sup>th</sup> PM  
Section :

END OF EXHIBIT "A"

## EXHIBIT "C"

### ACCOUNTING PROCEDURE JOINT OPERATIONS

Attached to and made part of, that certain Joint Operating Agreement dated xxxx xx, xxxx, by and between Noble Energy, Inc., as  
Operator, and Noble Energy WyoCo, LLC, as Non-Operator.

#### I. GENERAL PROVISIONS

IF THE PARTIES FAIL TO SELECT EITHER ONE OF COMPETING "ALTERNATIVE" PROVISIONS, OR SELECT ALL THE COMPETING "ALTERNATIVE" PROVISIONS, ALTERNATIVE 1 IN EACH SUCH INSTANCE SHALL BE DEEMED TO HAVE BEEN ADOPTED BY THE PARTIES AS A RESULT OF ANY SUCH OMISSION OR DUPLICATE NOTATION.

IN THE EVENT THAT ANY "OPTIONAL" PROVISION OF THIS ACCOUNTING PROCEDURE IS NOT ADOPTED BY THE PARTIES TO THE AGREEMENT BY A TYPED, PRINTED OR HANDWRITTEN INDICATION, SUCH PROVISION SHALL NOT FORM A PART OF THIS ACCOUNTING PROCEDURE, AND NO INFERENCE SHALL BE MADE CONCERNING THE INTENT OF THE PARTIES IN SUCH EVENT.

#### 1. DEFINITIONS

All terms used in this Accounting Procedure shall have the following meaning, unless otherwise expressly defined in the Agreement:

"Affiliate" means for a person, another person that controls, is controlled by, or is under common control with that person. In this definition, (a) control means the ownership by one person, directly or indirectly, of more than fifty percent (50%) of the voting securities of a corporation or, for other persons, the equivalent ownership interest (such as partnership interests), and (b) "person" means an individual, corporation, partnership, trust, estate, unincorporated organization, association, or other legal entity.

"Agreement" means the operating agreement, farmout agreement, or other contract between the Parties to which this Accounting Procedure is attached.

"Controllable Material" means Material that, at the time of acquisition or disposition by the Joint Account, as applicable, is so classified in the Material Classification Manual most recently recommended by the Council of Petroleum Accountants Societies (COPAS).

"Equalized Freight" means the procedure of charging transportation cost to the Joint Account based upon the distance from the nearest Railway Receiving Point to the property.

"Excluded Amount" means a specified excluded trucking amount most recently recommended by COPAS.

"Field Office" means a structure, or portion of a structure, whether a temporary or permanent installation, the primary function of which is to directly serve daily operation and maintenance activities of the Joint Property and which serves as a staging area for directly chargeable field personnel.

"First Level Supervision" means those employees whose primary function in Joint Operations is the direct oversight of the Operator's field employees and/or contract labor directly employed On-site in a field operating capacity. First Level Supervision functions may include, but are not limited to:

- Responsibility for field employees and contract labor engaged in activities that can include field operations, maintenance, construction, well remedial work, equipment movement and drilling
- Responsibility for day-to-day direct oversight of rig operations
- Responsibility for day-to-day direct oversight of construction operations
- Coordination of job priorities and approval of work procedures
- Responsibility for optimal resource utilization (equipment, Materials, personnel)
- Responsibility for meeting production and field operating expense targets
- Representation of the Parties in local matters involving community, vendors, regulatory agents and landowners, as an incidental part of the supervisor's operating responsibilities
- Responsibility for all emergency responses with field staff
- Responsibility for implementing safety and environmental practices
- Responsibility for field adherence to company policy
- Responsibility for employment decisions and performance appraisals for field personnel
- Oversight of sub-groups for field functions such as electrical, safety, environmental, telecommunications, which may have group or team leaders.

"Joint Account" means the account showing the charges paid and credits received in the conduct of the Joint Operations that are to be shared by the Parties, but does not include proceeds attributable to hydrocarbons and by-products produced under the Agreement.

"Joint Operations" means all operations necessary or proper for the exploration, appraisal, development, production, protection, maintenance, repair, abandonment, and restoration of the Joint Property.

"Joint Property" means the real and personal property subject to the Agreement.

"Laws" means any laws, rules, regulations, decrees, and orders of the United States of America or any state thereof and all other governmental bodies, agencies, and other authorities having jurisdiction over or affecting the provisions contained in or the transactions contemplated by the Agreement or the Parties and their operations, whether such laws now exist or are hereafter amended, enacted, promulgated or issued.

"Material" means personal property, equipment, supplies, or consumables acquired or held for use by the Joint Property.

"Non-Operators" means the Parties to the Agreement other than the Operator.

"Offshore-Facilities" means platforms, surface and subsea development and production systems, and other support systems such as oil and gas handling facilities, living quarters, offices, shops, cranes, electrical supply equipment and systems, fuel and water storage and piping, heliport, marine docking installations, communication facilities, navigation aids, and other similar facilities necessary in the conduct of offshore operations, all of which are located offshore.

"Off-site" means any location that is not considered On-site as defined in this Accounting Procedure.

"On-site" means on the Joint Property when in direct conduct of Joint Operations. The term "On-site" shall also include that portion of Offshore-Facilities, Shore-Base-Facilities, fabrication yards, and staging areas from which Joint Operations are conducted, or other facilities that directly control equipment on the Joint Property, regardless of whether such facilities are owned by the Joint Account.

"Operator" means the Party designated pursuant to the Agreement to conduct the Joint Operations.

"Parties" means legal entities signatory to the Agreement or their successors and assigns. Parties shall be referred to individually as "Party."

"Participating Interest" means the percentage of the costs and risks of conducting an operation under the Agreement that a Party agrees, or is otherwise obligated, to pay and bear.

"Participating Party" means a Party that approves a proposed operation or otherwise agrees, or becomes liable, to pay and bear a share of the costs and risks of conducting an operation under the Agreement.

"Personal Expenses" means reimbursed costs for travel and temporary living expenses.

"Railway Receiving Point" means the railhead nearest the Joint Property for which freight rates are published, even though an actual railhead may not exist.

"Shore-Base-Facilities" means onshore support facilities that during Joint Operations provide such services to the Joint Property as a receiving and transshipment point for Materials; debarkation point for drilling and production personnel and services; communication; scheduling and dispatching center; and other associated functions serving the Joint Property.

"Supply Store" means a recognized source or common stock point for a given Material item.

"Technical Services" means services providing specific engineering, geoscience, or other professional skills, such as those performed by engineers, geologists, geophysicists, and technicians, required to handle specific operating conditions and problems for the benefit of Joint Operations; provided, however, Technical Services shall not include those functions specifically identified as overhead under the second paragraph of the introduction of Section III (*Overhead*). Technical Services may be provided by the Operator, Operator's Affiliate, Non-Operator, Non-Operator Affiliates, and/or third parties.

## 2. STATEMENTS AND BILLINGS

The Operator shall bill Non-Operators on or before the last day of the month for their proportionate share of the Joint Account for the preceding month. Such bills shall be accompanied by statements that identify the AFE (authority for expenditure), lease or facility, and all charges and credits summarized by appropriate categories of investment and expense. Controllable Material shall be separately identified and fully described in detail, or at the Operator's option, Controllable Material may be summarized by major Material classifications. Intangible drilling costs, audit adjustments, and unusual charges and credits shall be separately and clearly identified.

The Operator may make available to Non-Operators any statements and bills required under Section 1.2 and/or Section 1.3.A (*Advances and Payments by the Parties*) via email, electronic data interchange, internet websites or other equivalent electronic media in lieu of paper copies. The Operator shall provide the Non-Operators instructions and any necessary information to access and receive the statements and bills within the timeframes specified herein. A statement or billing shall be deemed as delivered twenty-four (24) hours (exclusive of weekends and holidays) after the Operator notifies the Non-Operator that the statement or billing is available on the website and/or sent via email or electronic data interchange transmission. Each Non-Operator individually shall elect to receive statements and billings electronically, if available from the Operator, or request paper copies. Such election may be changed upon thirty (30) days prior written notice to the Operator.

### 3. ADVANCES AND PAYMENTS BY THE PARTIES

- A. Unless otherwise provided for in the Agreement, the Operator may require the Non-Operators to advance their share of the estimated cash outlay for the succeeding month's operations within ~~fifteen (15)~~ <sup>thirty (30)</sup> days after receipt of the advance request or by the first day of the month for which the advance is required, whichever is later. The Operator shall adjust each monthly billing to reflect advances received from the Non-Operators for such month. If a refund is due, the Operator shall apply the amount to be refunded to the subsequent month's billing or advance, unless the Non-Operator sends the Operator a written request for a cash refund. The Operator shall remit the refund to the Non-Operator within ~~fifteen (15)~~ <sup>thirty (30)</sup> days of receipt of such written request.
- B. Except as provided below, each Party shall pay its proportionate share of all bills in full within ~~fifteen (15)~~ <sup>thirty (30)</sup> days of receipt date. If payment is not made within such time, the unpaid balance shall bear interest compounded monthly at the prime rate published by the *Wall Street Journal* on the first day of each month the payment is delinquent, plus three percent (3%), per annum, or the maximum contract rate permitted by the applicable usury Laws governing the Joint Property, whichever is the lesser, plus attorney's fees, court costs, and other costs in connection with the collection of unpaid amounts. If the *Wall Street Journal* ceases to be published or discontinues publishing a prime rate, the unpaid balance shall bear interest compounded monthly at the prime rate published by the Federal Reserve plus three percent (3%), per annum. Interest shall begin accruing on the first day of the month in which the payment was due. Payment shall not be reduced or delayed as a result of inquiries or anticipated credits unless the Operator has agreed. Notwithstanding the foregoing, the Non-Operator may reduce payment, provided it furnishes documentation and explanation to the Operator at the time payment is made, to the extent such reduction is caused by:
- (1) being billed at an incorrect working interest or Participating Interest that is higher than such Non-Operator's actual working interest or Participating Interest, as applicable; or
  - (2) being billed for a project or AFE requiring approval of the Parties under the Agreement that the Non-Operator has not approved or is not otherwise obligated to pay under the Agreement; or
  - (3) being billed for a property in which the Non-Operator no longer owns a working interest, provided the Non-Operator has furnished the Operator a copy of the recorded assignment or letter in-lieu. Notwithstanding the foregoing, the Non-Operator shall remain responsible for paying bills attributable to the interest it sold or transferred for any bills rendered during the thirty (30) day period following the Operator's receipt of such written notice; or
  - (4) charges outside the adjustment period, as provided in Section 1.4 (*Adjustments*).

### 4. ADJUSTMENTS

- A. Payment of any such bills shall not prejudice the right of any Party to protest or question the correctness thereof; however, all bills and statements, including payout statements, rendered during any calendar year shall conclusively be presumed to be true and correct, with respect only to expenditures, after twenty-four (24) months following the end of any such calendar year, unless within said period a Party takes specific detailed written exception thereto making a claim for adjustment. The Operator shall provide a response to all written exceptions, whether or not contained in an audit report, within the time periods prescribed in Section 1.5 (*Expenditure Audits*).
- B. All adjustments initiated by the Operator, except those described in items (1) through (4) of this Section 1.4.B, are limited to the twenty-four (24) month period following the end of the calendar year in which the original charge appeared or should have appeared on the Operator's Joint Account statement or payout statement. Adjustments that may be made beyond the twenty-four (24) month period are limited to adjustments resulting from the following:
- (1) a physical inventory of Controllable Material as provided for in Section V (*Inventories of Controllable Material*), or
  - (2) an offsetting entry (whether in whole or in part) that is the direct result of a specific joint interest audit exception granted by the Operator relating to another property, or
  - (3) a government/regulatory audit, or
  - (4) a working interest ownership or Participating Interest adjustment.

### 5. EXPENDITURE AUDITS

- A. A Non-Operator, upon written notice to the Operator and all other Non-Operators, shall have the right to audit the Operator's accounts and records relating to the Joint Account within the twenty-four (24) month period following the end of such calendar year in which such bill was rendered; however, conducting an audit shall not extend the time for the taking of written exception to and the adjustment of accounts as provided for in Section 1.4 (*Adjustments*). Any Party that is subject to payout accounting under the Agreement shall have the right to audit the accounts and records of the Party responsible for preparing the payout statements, or of the Party furnishing information to the Party responsible for preparing payout statements. Audits of payout accounts may include the volumes of hydrocarbons produced and saved and proceeds received for such hydrocarbons as they pertain to payout accounting required under the Agreement. Unless otherwise provided in the Agreement, audits of a payout account shall be conducted within the twenty-four (24) month period following the end of the calendar year in which the payout statement was rendered.

Where there are two or more Non-Operators, the Non-Operators shall make every reasonable effort to conduct a joint audit in a manner that will result in a minimum of inconvenience to the Operator. The Operator shall bear no portion of the Non-Operators' audit cost incurred under this paragraph unless agreed to by the Operator. The audits shall not be conducted more than once each year without prior approval of the Operator, except upon the resignation or removal of the Operator, and shall be made at the expense of



those Non-Operators approving such audit.

The Non-Operator leading the audit (hereinafter "lead audit company") shall issue the audit report within ninety (90) days after completion of the audit testing and analysis; however, the ninety (90) day time period shall not extend the twenty-four (24) month requirement for taking specific detailed written exception as required in Section 1.4.A (*Adjustments*) above. All claims shall be supported with sufficient documentation.

A timely filed written exception or audit report containing written exceptions (hereinafter "written exceptions") shall, with respect to the claims made therein, preclude the Operator from asserting a statute of limitations defense against such claims, and the Operator hereby waives its right to assert any statute of limitations defense against such claims for so long as any Non-Operator continues to comply with the deadlines for resolving exceptions provided in this Accounting Procedure. If the Non-Operators fail to comply with the additional deadlines in Section 1.5.B or 1.5.C, the Operator's waiver of its rights to assert a statute of limitations defense against the claims brought by the Non-Operators shall lapse, and such claims shall then be subject to the applicable statute of limitations, provided that such waiver shall not lapse in the event that the Operator has failed to comply with the deadlines in Section 1.5.B or 1.5.C.

B. The Operator shall provide a written response to all exceptions in an audit report within one hundred eighty (180) days after Operator receives such report. Denied exceptions should be accompanied by a substantive response. If the Operator fails to provide substantive response to an exception within this one hundred eighty (180) day period, the Operator will owe interest on that exception or portion thereof, if ultimately granted, from the date it received the audit report. Interest shall be calculated using the rate set forth in Section 1.3.B (*Advances and Payments by the Parties*).

C. The lead audit company shall reply to the Operator's response to an audit report within ninety (90) days of receipt, and the Operator shall reply to the lead audit company's follow-up response within ninety (90) days of receipt; provided, however, each Non-Operator shall have the right to represent itself if it disagrees with the lead audit company's position or believes the lead audit company is not adequately fulfilling its duties. Unless otherwise provided for in Section 1.5.E, if the Operator fails to provide substantive response to an exception within this ninety (90) day period, the Operator will owe interest on that exception or portion thereof, if ultimately granted, from the date it received the audit report. Interest shall be calculated using the rate set forth in Section 1.3.B (*Advances and Payments by the Parties*).

D. If any Party fails to meet the deadlines in Sections 1.5.B or 1.5.C or if any audit issues are outstanding fifteen (15) months after Operator receives the audit report, the Operator or any Non-Operator participating in the audit has the right to call a resolution meeting, as set forth in this Section 1.5.D or it may invoke the dispute resolution procedures included in the Agreement, if applicable. The meeting will require one month's written notice to the Operator and all Non-Operators participating in the audit. The meeting shall be held at the Operator's office or mutually agreed location, and shall be attended by representatives of the Parties with authority to resolve such outstanding issues. Any Party who fails to attend the resolution meeting shall be bound by any resolution reached at the meeting. The lead audit company will make good faith efforts to coordinate the response and positions of the Non-Operator participants throughout the resolution process; however, each Non-Operator shall have the right to represent itself. Attendees will make good faith efforts to resolve outstanding issues, and each Party will be required to present substantive information supporting its position. A resolution meeting may be held as often as agreed to by the Parties. Issues unresolved at one meeting may be discussed at subsequent meetings until each such issue is resolved.

If the Agreement contains no dispute resolution procedures and the audit issues cannot be resolved by negotiation, the dispute shall be submitted to mediation. In such event, promptly following one Party's written request for mediation, the Parties to the dispute shall choose a mutually acceptable mediator and share the costs of mediation services equally. The Parties shall each have present at the mediation at least one individual who has the authority to settle the dispute. The Parties shall make reasonable efforts to ensure that the mediation commences within sixty (60) days of the date of the mediation request. Notwithstanding the above, any Party may file a lawsuit or complaint (1) if the Parties are unable after reasonable efforts, to commence mediation within sixty (60) days of the date of the mediation request, (2) for statute of limitations reasons, or (3) to seek a preliminary injunction or other provisional judicial relief, if in its sole judgment an injunction or other provisional relief is necessary to avoid irreparable damage or to preserve the status quo. Despite such action, the Parties shall continue to try to resolve the dispute by mediation.

E. ☐ (*Optional Provision – Forfeiture Penalties*)

If the Non-Operators fail to meet the deadline in Section 1.5.C, any unresolved exceptions that were not addressed by the Non-Operators within one (1) year following receipt of the last substantive response of the Operator shall be deemed to have been withdrawn by the Non-Operators. If the Operator fails to meet the deadlines in Section 1.5.B or 1.5.C, any unresolved exceptions that were not addressed by the Operator within one (1) year following receipt of the audit report or receipt of the last substantive response of the Non-Operators, whichever is later, shall be deemed to have been granted by the Operator and adjustments shall be made, without interest, to the Joint Account.

## 6. APPROVAL BY PARTIES

### A. GENERAL MATTERS

Where an approval or other agreement of the Parties or Non-Operators is expressly required under other Sections of this Accounting Procedure and if the Agreement to which this Accounting Procedure is attached contains no contrary provisions in regard thereto, the

Operator shall notify all Non-Operators of the Operator's proposal and the agreement or approval of a majority in interest of the Non-Operators shall be controlling on all Non-Operators.

This Section 1.6.A applies to specific situations of limited duration where a Party proposes to change the accounting for charges from that prescribed in this Accounting Procedure. This provision does not apply to amendments to this Accounting Procedure, which are covered by Section 1.6.B.

#### B. AMENDMENTS

If the Agreement to which this Accounting Procedure is attached contains no contrary provisions in regard thereto, this Accounting Procedure can be amended by an affirmative vote of all <sup>of all</sup> ( 100% ) or more Parties, one of which is the Operator, having a combined working interest of at least        percent (        % ), which approval shall be binding on all Parties, provided, however, approval of at least one (1) Non-Operator shall be required.

#### C. AFFILIATES

For the purpose of administering the voting procedures of Sections 1.6.A and 1.6.B, if Parties to this Agreement are Affiliates of each other, then such Affiliates shall be combined and treated as a single Party having the combined working interest or Participating Interest of such Affiliates.

For the purposes of administering the voting procedures in Section 1.6.A, if a Non-Operator is an Affiliate of the Operator, votes under Section 1.6.A shall require the majority in interest of the Non-Operator(s) after excluding the interest of the Operator's Affiliate.

### II. DIRECT CHARGES

The Operator shall charge the Joint Account with the following items:

#### 1. RENTALS AND ROYALTIES

Lease rentals and royalties paid by the Operator, on behalf of all Parties, for the Joint Operations.

#### 2. LABOR

A. Salaries and wages, including incentive compensation programs as set forth in COPAS MFI-37 ("Chargeability of Incentive Compensation Programs"), for:

- (1) Operator's field employees directly employed On-site in the conduct of Joint Operations,
- (2) Operator's employees directly employed on-Shore-Base-Facilities, Offshore-Facilities, or other facilities serving the Joint Property if such costs are not charged under Section II.6 (Equipment and Facilities Furnished by Operator) or are not a function covered under Section III (Overhead),
- (3) Operator's employees providing First Level Supervision,
- (4) Operator's employees providing On-site Technical Services for the Joint Property if such charges are excluded from the overhead rates in Section III (Overhead),
- (5) Operator's employees providing Off-site Technical Services for the Joint Property if such charges are excluded from the overhead rates in Section III (Overhead).

Charges for the Operator's employees identified in Section II.2.A may be made based on the employee's actual salaries and wages, or in lieu thereof, a day-rate representing the Operator's average salaries and wages of the employee's specific job category.

Charges for personnel chargeable under this Section II.2.A who are foreign nationals shall not exceed comparable compensation paid to an equivalent U.S. employee pursuant to this Section II.2, unless otherwise approved by the Parties pursuant to Section 1.6.A (General Matters).

B. Operator's cost of holiday, vacation, sickness, and disability benefits, and other customary allowances paid to employees whose salaries and wages are chargeable to the Joint Account under Section II.2.A, excluding severance payments or other termination allowances. Such costs under this Section II.2.B may be charged on a "when and as-paid basis" or by "percentage assessment" on the amount of salaries and wages chargeable to the Joint Account under Section II.2.A. If percentage assessment is used, the rate shall be based on the Operator's cost experience.

C. Expenditures or contributions made pursuant to assessments imposed by governmental authority that are applicable to costs chargeable to the Joint Account under Sections II.2.A and B.



- D. Personal Expenses of personnel whose salaries and wages are chargeable to the Joint Account under Section II.2.A when the expenses are incurred in connection with directly chargeable activities.
- E. Reasonable relocation costs incurred in transferring to the Joint Property personnel whose salaries and wages are chargeable to the Joint Account under Section II.2.A. Notwithstanding the foregoing, relocation costs that result from reorganization or merger of a Party, or that are for the primary benefit of the Operator, shall not be chargeable to the Joint Account. Extraordinary relocation costs, such as those incurred as a result of transfers from remote locations, such as Alaska or overseas, shall not be charged to the Joint Account unless approved by the Parties pursuant to Section I.6.A (*General Matters*).
- F. Training costs as specified in COPAS MFI-35 ("Charging of Training Costs to the Joint Account") for personnel whose salaries and wages are chargeable under Section II.2.A. This training charge shall include the wages, salaries, training course cost, and Personal Expenses incurred during the training session. The training cost shall be charged or allocated to the property or properties directly benefiting from the training. The cost of the training course shall not exceed prevailing commercial rates, where such rates are available.
- G. Operator's current cost of established plans for employee benefits, as described in COPAS MFI-27 ("Employee Benefits Chargeable to Joint Operations and Subject to Percentage Limitation"), applicable to the Operator's labor costs chargeable to the Joint Account under Sections II.2.A and B based on the Operator's actual cost not to exceed the employee benefits limitation percentage most recently recommended by COPAS.
- H. Award payments to employees, in accordance with COPAS MFI-49 ("Awards to Employees and Contractors") for personnel whose salaries and wages are chargeable under Section II.2.A.

### 3. MATERIAL

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

### 4. TRANSPORTATION

- A. Transportation of the Operator's, Operator's Affiliate's, or contractor's personnel necessary for Joint Operations.
- B. Transportation of Material between the Joint Property and another property, or from the Operator's warehouse or other storage point to the Joint Property, shall be charged to the receiving property using one of the methods listed below. Transportation of Material from the Joint Property to the Operator's warehouse or other storage point shall be paid for by the Joint Property using one of the methods listed below:
  - (1) If the actual trucking charge is less than or equal to the Excluded Amount the Operator may charge actual trucking cost or a theoretical charge from the Railway Receiving Point to the Joint Property. The basis for the theoretical charge is the per hundred weight charge plus fuel surcharges from the Railway Receiving Point to the Joint Property. The Operator shall consistently apply the selected alternative.
  - (2) If the actual trucking charge is greater than the Excluded Amount, the Operator shall charge Equalized Freight. Accessorial charges such as loading and unloading costs, split pick-up costs, detention, call out charges, and permit fees shall be charged directly to the Joint Property and shall not be included when calculating the Equalized Freight.

### 5. SERVICES

The cost of contract services, equipment, and utilities used in the conduct of Joint Operations, except for contract services, equipment, and utilities covered by Section III (*Overhead*), or Section II.7 (*Affiliates*), or excluded under Section II.9 (*Legal Expense*). Awards paid to contractors shall be chargeable pursuant to COPAS MFI-49 ("Awards to Employees and Contractors").

The costs of third party Technical Services are chargeable to the extent excluded from the overhead rates under Section III (*Overhead*).

### 6. EQUIPMENT AND FACILITIES FURNISHED BY OPERATOR

In the absence of a separately negotiated agreement, equipment and facilities furnished by the Operator will be charged as follows:

- A. The Operator shall charge the Joint Account for use of Operator-owned equipment and facilities, including but not limited to production facilities, Shore-Base-Facilities, Offshore-Facilities, and Field Offices, at rates commensurate with the costs of ownership and operation. The cost of Field Offices shall be chargeable to the extent the Field Offices provide direct service to personnel who are chargeable pursuant to Section II.2.A (*Labor*). Such rates may include labor, maintenance, repairs, other operating expense, insurance, taxes, depreciation using straight line depreciation method, and interest on gross investment less accumulated depreciation not to exceed twelve percent (12 %) per annum; provided, however, depreciation shall not be charged when the

equipment and facilities investment have been fully depreciated. The rate may include an element of the estimated cost for abandonment, reclamation, and dismantlement. Such rates shall not exceed the average commercial rates currently prevailing in the immediate area of the Joint Property.

B. In lieu of charges in Section II.6.A above, the Operator may elect to use average commercial rates prevailing in the immediate area of the Joint Property, less twenty percent (20%). If equipment and facilities are charged under this Section II.6.B, the Operator shall adequately document and support commercial rates and shall periodically review and update the rate and the supporting documentation. For automotive equipment, the Operator may elect to use rates published by the Petroleum Motor Transport Association (PMTA) or such other organization recognized by COPAS as the official source of rates.

## 7. AFFILIATES

A. Charges for an Affiliate's goods and/or services used in operations requiring an AFE or other authorization from the Non-Operators may be made without the approval of the Parties provided (i) the Affiliate is identified and the Affiliate goods and services are specifically detailed in the approved AFE or other authorization, and (ii) the total costs for such Affiliate's goods and services billed to such individual project do not exceed \$ 50,000.00. If the total costs for an Affiliate's goods and services charged to such individual project are not specifically detailed in the approved AFE or authorization or exceed such amount, charges for such Affiliate shall require approval of the Parties, pursuant to Section I.6.A (General Matters).

B. For an Affiliate's goods and/or services used in operations not requiring an AFE or other authorization from the Non-Operators, charges for such Affiliate's goods and services shall require approval of the Parties, pursuant to Section I.6.A (General Matters), if the charges exceed \$ 50,000.00 in a given calendar year.

C. The cost of the Affiliate's goods or services shall not exceed average commercial rates prevailing in the area of the Joint Property, unless the Operator obtains the Non-Operators' approval of such rates. The Operator shall adequately document and support commercial rates and shall periodically review and update the rate and the supporting documentation; provided, however, documentation of commercial rates shall not be required if the Operator obtains Non-Operator approval of its Affiliate's rates or charges prior to billing Non-Operators for such Affiliate's goods and services. Notwithstanding the foregoing, direct charges for Affiliate-owned communication facilities or systems shall be made pursuant to Section II.12 (Communications).

If the Parties fail to designate an amount in Sections II.7.A or II.7.B, in each instance the amount deemed adopted by the Parties as a result of such omission shall be the amount established as the Operator's expenditure limitation in the Agreement. If the Agreement does not contain an Operator's expenditure limitation, the amount deemed adopted by the Parties as a result of such omission shall be zero dollars (\$ 0.00).

## 8. DAMAGES AND LOSSES TO JOINT PROPERTY

All costs or expenses necessary for the repair or replacement of Joint Property resulting from damages or losses incurred, except to the extent such damages or losses result from a Party's or Parties' gross negligence or willful misconduct, in which case such Party or Parties shall be solely liable.

The Operator shall furnish the Non-Operator written notice of damages or losses incurred as soon as practicable after a report has been received by the Operator.

## 9. LEGAL EXPENSE

Recording fees and costs of handling, settling, or otherwise discharging litigation, claims, and liens incurred in or resulting from operations under the Agreement, or necessary to protect or recover the Joint Property, to the extent permitted under the Agreement. Costs of the Operator's or Affiliate's legal staff or outside attorneys, including fees and expenses, are not chargeable unless approved by the Parties pursuant to Section I.6.A (General Matters) or otherwise provided for in the Agreement.

Notwithstanding the foregoing paragraph, costs for procuring abstracts, fees paid to outside attorneys <sup>and contract brokers</sup> for title examinations (including preliminary, supplemental, shut-in royalty opinions, division order title opinions), and curative work shall be chargeable to the <sup>joint account,</sup> ~~extent permitted as a direct charge in the Agreement.~~

## 10. TAXES AND PERMITS

All taxes and permitting fees of every kind and nature, assessed or levied upon or in connection with the Joint Property, or the production therefrom, and which have been paid by the Operator for the benefit of the Parties, including penalties and interest, except to the extent the penalties and interest result from the Operator's gross negligence or willful misconduct.

If ad valorem taxes paid by the Operator are based in whole or in part upon separate valuations of each Party's working interest, then notwithstanding any contrary provisions, the charges to the Parties will be made in accordance with the tax value generated by each Party's working interest.

Costs of tax consultants or advisors, the Operator's employees, or Operator's Affiliate employees in matters regarding ad valorem or other tax matters, are not permitted as direct charges unless approved by the Parties pursuant to Section I.6.A (General Matters) to the extent Operator handles such tax matters on behalf of the Joint Account.

Charges to the Joint Account resulting from sales/use tax audits, including extrapolated amounts and penalties and interest, are permitted, provided the Non-Operator shall be allowed to review the invoices and other underlying source documents which served as the basis for tax charges and to determine that the correct amount of taxes were charged to the Joint Account. If the Non-Operator is not permitted to review such documentation, the sales/use tax amount shall not be directly charged unless the Operator can conclusively document the amount owed by the Joint Account.

## 11. INSURANCE

Net premiums paid for insurance required to be carried for Joint Operations for the protection of the Parties. If Joint Operations are conducted at locations where the Operator acts as self-insurer in regard to its worker's compensation and employer's liability insurance obligation, the Operator shall charge the Joint Account manual rates for the risk assumed in its self-insurance program as regulated by the jurisdiction governing the Joint Property. ~~In the case of offshore operations in federal waters, the manual rates of the adjacent state shall be used for personnel performing work on-site, and such rates shall be adjusted for offshore operations by the U.S. Longshoremen and Harbor Workers (U.S.L. & H.) or Jones Act surcharge, as appropriate.~~

## 12. COMMUNICATIONS

Costs of acquiring, leasing, installing, operating, repairing, and maintaining communication facilities or systems, including satellite, radio and microwave facilities, between the Joint Property and the Operator's office(s) directly responsible for field operations in accordance with the provisions of COPAS MFI-44 ("Field Computer and Communication Systems"). If the communications facilities or systems serving the Joint Property are Operator-owned, charges to the Joint Account shall be made as provided in Section II.6 (*Equipment and Facilities Furnished by Operator*). If the communication facilities or systems serving the Joint Property are owned by the Operator's Affiliate, charges to the Joint Account shall not exceed average commercial rates prevailing in the area of the Joint Property. The Operator shall adequately document and support commercial rates and shall periodically review and update the rate and the supporting documentation.

## 13. ECOLOGICAL, ENVIRONMENTAL, AND SAFETY

Costs incurred for Technical Services and drafting to comply with ecological, environmental and safety Laws or standards recommended by Occupational Safety and Health Administration (OSHA) or other regulatory authorities. All other labor and functions incurred for ecological, environmental and safety matters, including management, administration, and permitting, shall be covered by Sections II.2 (*Labor*), II.5 (*Services*), or Section III (*Overhead*), as applicable.

Costs to provide or have available pollution containment and removal equipment plus actual costs of control and cleanup and resulting responsibilities of oil and other spills as well as discharges from permitted outfalls as required by applicable Laws, or other pollution containment and removal equipment deemed appropriate by the Operator for prudent operations, are directly chargeable.

## 14. ABANDONMENT AND RECLAMATION

Costs incurred for abandonment and reclamation of the Joint Property, including costs required by lease agreements or by Laws.

## 15. OTHER EXPENDITURES

Any other expenditure not covered or dealt with in the foregoing provisions of this Section II (*Direct Charges*), or in Section III (*Overhead*) and which is of direct benefit to the Joint Property and is incurred by the Operator in the necessary and proper conduct of the Joint Operations. Charges made under this Section II.15 shall require approval of the Parties, pursuant to Section I.6.A (*General Matters*).

## III. OVERHEAD

As compensation for costs not specifically identified as chargeable to the Joint Account pursuant to Section II (*Direct Charges*), the Operator shall charge the Joint Account in accordance with this Section III.

Functions included in the overhead rates regardless of whether performed by the Operator, Operator's Affiliates or third parties and regardless of location, shall include, but not be limited to, costs and expenses of:

- warehousing, other than for warehouses that are jointly owned under this Agreement
- design and drafting (except when allowed as a direct charge under Sections II.13, III.1 A(ii), and III.2, Option B)
- inventory costs not chargeable under Section V (*Inventories of Controllable Material*)
- procurement
- administration
- accounting and auditing
- gas dispatching and gas chart integration

- human resources
- management
- supervision not directly charged under Section II.2 (*Labor*)
- legal services not directly chargeable under Section II.9 (*Legal Expense*)
- taxation, other than those costs identified as directly chargeable under Section II.10 (*Taxes and Permits*)
- preparation and monitoring of permits and certifications; preparing regulatory reports; appearances before or meetings with governmental agencies or other authorities having jurisdiction over the Joint Property, other than On-site inspections; reviewing, interpreting, or submitting comments on or lobbying with respect to Laws or proposed Laws.

Overhead charges shall include the salaries or wages plus applicable payroll burdens, benefits, and Personal Expenses of personnel performing overhead functions, as well as office and other related expenses of overhead functions.

#### I. OVERHEAD—DRILLING AND PRODUCING OPERATIONS

As compensation for costs incurred but not chargeable under Section II (*Direct Charges*) and not covered by other provisions of this Section III, the Operator shall charge on either:

- ☒ (Alternative 1) Fixed Rate Basis, Section III.1.B.
- ☐ (Alternative 2) Percentage Basis, Section III.1.C.

##### A. TECHNICAL SERVICES

(i) Except as otherwise provided in Section II.13 (*Ecological, Environmental, and Safety*) and Section III.2 (*Overhead - Major Construction and Catastrophe*), or by approval of the Parties pursuant to Section I.6.A (*General Matters*), the salaries, wages, related payroll burdens and benefits, and Personal Expenses for On-site Technical Services, including third party Technical Services:

- ☒ (Alternative 1 - Direct) shall be charged direct to the Joint Account.
- ☐ (Alternative 2 - Overhead) shall be covered by the overhead rates.

(ii) Except as otherwise provided in Section II.13 (*Ecological, Environmental, and Safety*) and Section III.2 (*Overhead - Major Construction and Catastrophe*), or by approval of the Parties pursuant to Section I.6.A (*General Matters*), the salaries, wages, related payroll burdens and benefits, and Personal Expenses for Off-site Technical Services, including third party Technical Services:

- ☐ (Alternative 1 - All Overhead) shall be covered by the overhead rates.
- ☐ (Alternative 2 - All Direct) shall be charged direct to the Joint Account.
- ☒ (Alternative 3 - Drilling Direct) shall be charged direct to the Joint Account, only to the extent such Technical Services are directly attributable to drilling, re-drilling, deepening, or sidetracking operations, through completion, temporary abandonment, or abandonment if a dry hole. Off-site Technical Services for all other operations, including workover, recompletion, abandonment of producing wells, and the construction or expansion of fixed assets not covered by Section III.2 (*Overhead - Major Construction and Catastrophe*) shall be covered by the overhead rates.

Notwithstanding anything to the contrary in this Section III, Technical Services provided by Operator's Affiliates are subject to limitations set forth in Section II.7 (*Affiliates*). Charges for Technical personnel performing non-technical work shall not be governed by this Section III.1.A, but instead governed by other provisions of this Accounting Procedure relating to the type of work being performed.

##### B. OVERHEAD—FIXED RATE BASIS

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

Drilling Well Rate per month \$ 10,000.00 (prorated for less than a full month)

Producing Well Rate per month \$ 1,000.00

(2) Application of Overhead—Drilling Well Rate shall be as follows:

(a) Charges for onshore drilling wells shall begin on the spud date and terminate on the date the drilling and/or completion equipment used on the well is released, whichever occurs later. Charges for offshore and inland waters drilling wells shall begin on the date the drilling or completion equipment arrives on location and terminate on the date the drilling or completion equipment moves off location, or is released, whichever occurs first. No charge shall be made during suspension of drilling and/or completion operations for fifteen (15) or more consecutive calendar days.



- (b) Charges for any well undergoing any type of workover, recompletion, and/or abandonment for a period of five (5) or more consecutive work-days shall be made at the Drilling Well Rate. Such charges shall be applied for the period from date operations, with rig or other units used in operations, commence through date of rig or other unit release, except that no charges shall be made during suspension of operations for fifteen (15) or more consecutive calendar days.
- (3) Application of Overhead—Producing Well Rate shall be as follows:
- (a) An active well that is produced, injected into for recovery or disposal, or used to obtain water supply to support operations for any portion of the month shall be considered as a one-well charge for the entire month.
- (b) Each active completion in a multi-completed well shall be considered as a one-well charge provided each completion is considered a separate well by the governing regulatory authority.
- (c) A one-well charge shall be made for the month in which plugging and abandonment operations are completed on any well, unless the Drilling Well Rate applies, as provided in Sections III.1.B.(2)(a) or (b). This one-well charge shall be made whether or not the well has produced.
- (d) An active gas well shut in because of overproduction or failure of a purchaser, processor, or transporter to take production shall be considered as a one-well charge provided the gas well is directly connected to a permanent sales outlet.
- (e) Any well not meeting the criteria set forth in Sections III.1.B.(3) (a), (b), (c), or (d) shall not qualify for a producing overhead charge.
- (4) The well rates shall be adjusted on the first day of April each year following the effective date of the Agreement; provided, however, if this Accounting Procedure is attached to or otherwise governing the payout accounting under a farmout agreement, the rates shall be adjusted on the first day of April each year following the effective date of such farmout agreement. The adjustment shall be computed by applying the adjustment factor most recently published by COPAS. The adjusted rates shall be the initial or amended rates agreed to by the Parties increased or decreased by the adjustment factor described herein, for each year from the effective date of such rates, in accordance with COPAS MFI-47 ("Adjustment of Overhead Rates").

#### ~~C—OVERHEAD—PERCENTAGE-BASIS~~

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

- (a) ~~Development Rate \_\_\_\_\_ percent (\_\_\_\_%) of the cost of development of the Joint Property, exclusive of costs provided under Section II.9 (Legal Expense) and all Material salvage credits.~~
- (b) ~~Operating Rate \_\_\_\_\_ percent (\_\_\_\_%) of the cost of operating the Joint Property, exclusive of costs provided under Sections II.1 (Rentals and Royalties) and II.9 (Legal Expense); all Material salvage credits; the value of substances purchased for enhanced recovery; all property and ad valorem taxes, and any other taxes and assessments that are levied, assessed, and paid upon the mineral interest in and to the Joint Property.~~

##### ~~(2)—Application of Overhead—Percentage Basis shall be as follows:~~

###### ~~(a)—The Development Rate shall be applied to all costs in connection with:~~

- ~~[i]—drilling, redrilling, sidetracking, or deepening of a well~~  
~~[ii]—a well undergoing plugback or workover operations for a period of five (5) or more consecutive work-days~~  
~~[iii]—preliminary expenditures necessary in preparation for drilling~~  
~~[iv]—expenditures incurred in abandoning when the well is not completed as a producer~~  
~~[v]—construction or installation of fixed assets, the expansion of fixed assets and any other project clearly discernible as a fixed asset, other than Major Construction or Catastrophe as defined in Section III.2 (Overhead—Major Construction and Catastrophe).~~

###### ~~(b)—The Operating Rate shall be applied to all other costs in connection with Joint Operations, except those subject to Section III.2 (Overhead—Major Construction and Catastrophe).~~

#### 2. OVERHEAD—MAJOR CONSTRUCTION AND CATASTROPHE

To compensate the Operator for overhead costs incurred in connection with a Major Construction project or Catastrophe, the Operator shall either negotiate a rate prior to the beginning of the project, or shall charge the Joint Account for overhead based on the following rates for any Major Construction project in excess of the Operator's expenditure limit under the Agreement, or for any Catastrophe regardless of the amount. If the Agreement to which this Accounting Procedure is attached does not contain an expenditure limit, Major Construction Overhead shall be assessed for any single Major Construction project costing in excess of \$100,000 gross.

Major Construction shall mean the construction and installation of fixed assets, the expansion of fixed assets, and any other project clearly discernible as a fixed asset required for the development and operation of the Joint Property, or in the dismantlement, abandonment, removal, and restoration of platforms, production equipment, and other operating facilities.

Catastrophe is defined as a sudden calamitous event bringing damage, loss, or destruction to property or the environment, such as an oil spill, blowout, explosion, fire, storm, hurricane, or other disaster. The overhead rate shall be applied to those costs necessary to restore the Joint Property to the equivalent condition that existed prior to the event.

A. If the Operator absorbs the engineering, design and drafting costs related to the project:

- (1) 5 % of total costs if such costs are less than \$100,000; plus
- (2) 3 % of total costs in excess of \$100,000 but less than \$1,000,000; plus
- (3) 2 % of total costs in excess of \$1,000,000.

B. If the Operator charges engineering, design and drafting costs related to the project directly to the Joint Account:

- (1) 5 % of total costs if such costs are less than \$100,000; plus
- (2) 3 % of total costs in excess of \$100,000 but less than \$1,000,000; plus
- (3) 2 % of total costs in excess of \$1,000,000.

Total cost shall mean the gross cost of any one project. For the purpose of this paragraph, the component parts of a single Major Construction project shall not be treated separately, and the cost of drilling and workover wells and purchasing and installing pumping units and downhole artificial lift equipment shall be excluded. For Catastrophes, the rates shall be applied to all costs associated with each single occurrence or event.

On each project, the Operator shall advise the Non-Operator(s) in advance which of the above options shall apply.

For the purposes of calculating Catastrophe Overhead, the cost of drilling relief wells, substitute wells, or conducting other well operations directly resulting from the catastrophic event shall be included. Expenditures to which these rates apply shall not be reduced by salvage or insurance recoveries. Expenditures that qualify for Major Construction or Catastrophe Overhead shall not qualify for overhead under any other overhead provisions.

In the event of any conflict between the provisions of this Section III.2 and the provisions of Sections II.2 (*Labor*), II.5 (*Services*), or II.7 (*Affiliates*), the provisions of this Section III.2 shall govern.

### 3. AMENDMENT OF OVERHEAD RATES

The overhead rates provided for in this Section III may be amended from time to time if, in practice, the rates are found to be insufficient or excessive, in accordance with the provisions of Section I.6.B (*Amendments*).

## IV. MATERIAL PURCHASES, TRANSFERS, AND DISPOSITIONS

The Operator is responsible for Joint Account Material and shall make proper and timely charges and credits for direct purchases, transfers, and dispositions. The Operator shall provide all Material for use in the conduct of Joint Operations; however, Material may be supplied by the Non-Operators, at the Operator's option. Material furnished by any Party shall be furnished without any express or implied warranties as to quality, fitness for use, or any other matter.

### 1. DIRECT PURCHASES

Direct purchases shall be charged to the Joint Account at the price paid by the Operator after deduction of all discounts received. The Operator shall make good faith efforts to take discounts offered by suppliers, but shall not be liable for failure to take discounts except to the extent such failure was the result of the Operator's gross negligence or willful misconduct. A direct purchase shall be deemed to occur when an agreement is made between an Operator and a third party for the acquisition of Material for a specific well site or location. Material provided by the Operator under "vendor stocking programs," where the initial use is for a Joint Property and title of the Material does not pass from the manufacturer, distributor, or agent until usage, is considered a direct purchase. If Material is found to be defective or is returned to the manufacturer, distributor, or agent for any other reason, credit shall be passed to the Joint Account within sixty (60) days after the Operator has received adjustment from the manufacturer, distributor, or agent.



## 2. TRANSFERS

A transfer is determined to occur when the Operator (i) furnishes Material from a storage facility or from another operated property, (ii) has assumed liability for the storage costs and changes in value, and (iii) has previously secured and held title to the transferred Material. Similarly, the removal of Material from the Joint Property to a storage facility or to another operated property is also considered a transfer; provided, however, Material that is moved from the Joint Property to a storage location for safe-keeping pending disposition may remain charged to the Joint Account and is not considered a transfer. Material shall be disposed of in accordance with Section IV.3 (*Disposition of Surplus*) and the Agreement to which this Accounting Procedure is attached.

### A. PRICING

The value of Material transferred to/from the Joint Property should generally reflect the market value on the date of physical transfer. Regardless of the pricing method used, the Operator shall make available to the Non-Operators sufficient documentation to verify the Material valuation. When higher than specification grade or size tubulars are used in the conduct of Joint Operations, the Operator shall charge the Joint Account at the equivalent price for well design specification tubulars, unless such higher specification grade or sized tubulars are approved by the Parties pursuant to Section I.6.A (*General Matters*). Transfers of new Material will be priced using one of the following pricing methods; provided, however, the Operator shall use consistent pricing methods, and not alternate between methods for the purpose of choosing the method most favorable to the Operator for a specific transfer:

- (1) Using published prices in effect on date of movement as adjusted by the appropriate COPAS Historical Price Multiplier (HPM) or prices provided by the COPAS Computerized Equipment Pricing System (CEPS).
  - (a) For oil country tubulars and line pipe, the published price shall be based upon eastern mill carload base prices (Houston, Texas, for special end) adjusted as of date of movement, plus transportation cost as defined in Section IV.2.B (*Freight*).
  - (b) For other Material, the published price shall be the published list price in effect at date of movement, as listed by a Supply Store nearest the Joint Property where like Material is normally available, or point of manufacture plus transportation costs as defined in Section IV.2.B (*Freight*).
- (2) Based on a price quotation from a vendor that reflects a current realistic acquisition cost.
- (3) Based on the amount paid by the Operator for like Material in the vicinity of the Joint Property within the previous twelve (12) months from the date of physical transfer.
- (4) As agreed to by the Participating Parties for Material being transferred to the Joint Property, and by the Parties owning the Material for Material being transferred from the Joint Property.

### B. FREIGHT

Transportation costs shall be added to the Material transfer price using the method prescribed by the COPAS Computerized Equipment Pricing System (CEPS). If not using CEPS, transportation costs shall be calculated as follows:

- (1) Transportation costs for oil country tubulars and line pipe shall be calculated using the distance from eastern mill to the Railway Receiving Point based on the carload weight basis as recommended by the COPAS MFI-38 ("Material Pricing Manual") and other COPAS MFIs in effect at the time of the transfer.
- (2) Transportation costs for special mill items shall be calculated from that mill's shipping point to the Railway Receiving Point. For transportation costs from other than eastern mills, the 30,000-pound interstate truck rate shall be used. Transportation costs for macaroni tubing shall be calculated based on the interstate truck rate per weight of tubing transferred to the Railway Receiving Point.
- (3) Transportation costs for special end tubular goods shall be calculated using the interstate truck rate from Houston, Texas, to the Railway Receiving Point.
- (4) Transportation costs for Material other than that described in Sections IV.2.B.(1) through (3), shall be calculated from the Supply Store or point of manufacture, whichever is appropriate, to the Railway Receiving Point.

Regardless of whether using CEPS or manually calculating transportation costs, transportation costs from the Railway Receiving Point to the Joint Property are in addition to the foregoing, and may be charged to the Joint Account based on actual costs incurred. All transportation costs are subject to Equalized Freight as provided in Section II.4 (*Transportation*) of this Accounting Procedure.

### C. TAXES

Sales and use taxes shall be added to the Material transfer price using either the method contained in the COPAS Computerized Equipment Pricing System (CEPS) or the applicable tax rate in effect for the Joint Property at the time and place of transfer. In either case, the Joint Account shall be charged or credited at the rate that would have governed had the Material been a direct purchase.

#### D. CONDITION

(1) Condition "A" – New and unused Material in sound and serviceable condition shall be charged at one hundred percent (100%) of the price as determined in Sections IV.2.A (*Pricing*), IV.2.B (*Freight*), and IV.2.C (*Taxes*). Material transferred from the Joint Property that was not placed in service shall be credited as charged without gain or loss; provided, however, any unused Material that was charged to the Joint Account through a direct purchase will be credited to the Joint Account at the original cost paid less restocking fees charged by the vendor. New and unused Material transferred from the Joint Property may be credited at a price other than the price originally charged to the Joint Account provided such price is approved by the Parties owning such Material, pursuant to Section I.6.A (*General Matters*). All refurbishing costs required or necessary to return the Material to original condition or to correct handling, transportation, or other damages will be borne by the divesting property. The Joint Account is responsible for Material preparation, handling, and transportation costs for new and unused Material charged to the Joint Property either through a direct purchase or transfer. Any preparation costs incurred, including any internal or external coating and wrapping, will be credited on new Material provided these services were not repented for such Material for the receiving property.

(2) Condition "B" – Used Material in sound and serviceable condition and suitable for reuse without reconditioning shall be priced by multiplying the price determined in Sections IV.2.A (*Pricing*), IV.2.B (*Freight*), and IV.2.C (*Taxes*) by seventy-five percent (75%).

Except as provided in Section IV.2.D(3), all reconditioning costs required to return the Material to Condition "B" or to correct handling, transportation or other damages will be borne by the divesting property.

If the Material was originally charged to the Joint Account as used Material and placed in service for the Joint Property, the Material will be credited at the price determined in Sections IV.2.A (*Pricing*), IV.2.B (*Freight*), and IV.2.C (*Taxes*) multiplied by sixty-five percent (65%).

Unless otherwise agreed to by the Parties that paid for such Material, used Material transferred from the Joint Property that was not placed in service on the property shall be credited as charged without gain or loss.

(3) Condition "C" – Material that is not in sound and serviceable condition and not suitable for its original function until after reconditioning shall be priced by multiplying the price determined in Sections IV.2.A (*Pricing*), IV.2.B (*Freight*), and IV.2.C (*Taxes*) by fifty percent (50%).

The cost of reconditioning may be charged to the receiving property to the extent Condition "C" value, plus cost of reconditioning, does not exceed Condition "B" value.

(4) Condition "D" – Material that (i) is no longer suitable for its original purpose but useable for some other purpose, (ii) is obsolete, or (iii) does not meet original specifications but still has value and can be used in other applications as a substitute for items with different specifications, is considered Condition "D" Material. Casing, tubing, or drill pipe used as line pipe shall be priced as Grade A and B seamless line pipe of comparable size and weight. Used casing, tubing, or drill pipe utilized as line pipe shall be priced at used line pipe prices. Casing, tubing, or drill pipe used as higher pressure service lines than standard line pipe, e.g., power oil lines, shall be priced under normal pricing procedures for casing, tubing, or drill pipe. Upset tubular goods shall be priced on a non-upset basis. For other items, the price used should result in the Joint Account being charged or credited with the value of the service rendered or use of the Material, or as agreed to by the Parties pursuant to Section I.6.A (*General Matters*).

(5) Condition "E" – Junk shall be priced at prevailing scrap value prices.

#### E. OTHER PRICING PROVISIONS

##### (1) Preparation Costs

Subject to Section II (*Direct Charges*) and Section III (*Overhead*) of this Accounting Procedure, costs incurred by the Operator in making Material serviceable including inspection, third party surveillance services, and other similar services will be charged to the Joint Account at prices which reflect the Operator's actual costs of the services. Documentation must be provided to the Non-Operators upon request to support the cost of service. New coating and/or wrapping shall be considered a component of the Materials and priced in accordance with Sections IV.1 (*Direct Purchases*) or IV.2.A (*Pricing*), as applicable. No charges or credits shall be made for used coating or wrapping. Charges and credits for inspections shall be made in accordance with COPAS MFI-38 ("Material Pricing Manual").

##### (2) Loading and Unloading Costs

Loading and unloading costs related to the movement of the Material to the Joint Property shall be charged in accordance with the methods specified in COPAS MFI-38 ("Material Pricing Manual").

### 3. DISPOSITION OF SURPLUS

Surplus Material is that Material, whether new or used, that is no longer required for Joint Operations. The Operator may purchase, but shall be under no obligation to purchase, the interest of the Non-Operators in surplus Material.

Dispositions for the purpose of this procedure are considered to be the relinquishment of title of the Material from the Joint Property to either a third party, a Non-Operator, or to the Operator. To avoid the accumulation of surplus Material, the Operator should make good faith efforts to dispose of surplus within twelve (12) months through buy/sale agreements, trade, sale to a third party, division in kind, or other dispositions as agreed to by the Parties.

Disposal of surplus Materials shall be made in accordance with the terms of the Agreement to which this Accounting Procedure is attached. If the Agreement contains no provisions governing disposal of surplus Material, the following terms shall apply:

- \* The Operator may, through a sale to an unrelated third party or entity, dispose of surplus Material having a gross sale value that is less than or equal to the Operator's expenditure limit as set forth in the Agreement to which this Accounting Procedure is attached without the prior approval of the Parties owning such Material.
- \* If the gross sale value exceeds the Agreement expenditure limit, the disposal must be agreed to by the Parties owning such Material.
- \* Operator may purchase surplus Condition "A" or "B" Material without approval of the Parties owning such Material, based on the pricing methods set forth in Section IV.2 (*Transfers*).
- \* Operator may purchase Condition "C" Material without prior approval of the Parties owning such Material if the value of the Materials, based on the pricing methods set forth in Section IV.2 (*Transfers*), is less than or equal to the Operator's expenditure limitation set forth in the Agreement. The Operator shall provide documentation supporting the classification of the Material as Condition C.
- \* Operator may dispose of Condition "D" or "E" Material under procedures normally utilized by Operator without prior approval of the Parties owning such Material.

### 4. SPECIAL PRICING PROVISIONS

#### A. PREMIUM PRICING

Whenever Material is available only at inflated prices due to national emergencies, strikes, government imposed foreign trade restrictions, or other unusual causes over which the Operator has no control, for direct purchase the Operator may charge the Joint Account for the required Material at the Operator's actual cost incurred in providing such Material, making it suitable for use, and moving it to the Joint Property. Material transferred or disposed of during premium pricing situations shall be valued in accordance with Section IV.2 (*Transfers*) or Section IV.3 (*Disposition of Surplus*), as applicable.

#### B. SHOP-MADE ITEMS

Items fabricated by the Operator's employees, or by contract laborers under the direction of the Operator, shall be priced using the value of the Material used to construct the item plus the cost of labor to fabricate the item. If the Material is from the Operator's scrap or junk account, the Material shall be priced at either twenty-five percent (25%) of the current price as determined in Section IV.2.A (*Pricing*) or scrap value, whichever is higher. In no event shall the amount charged exceed the value of the item commensurate with its use.

#### C. MILL REJECTS

Mill rejects purchased as "limited service" casing or tubing shall be priced at eighty percent (80%) of K-55/J-55 price as determined in Section IV.2 (*Transfers*). Line pipe converted to casing or tubing with casing or tubing couplings attached shall be priced as K-55/J-55 casing or tubing at the nearest size and weight.

## V. INVENTORIES OF CONTROLLABLE MATERIAL

The Operator shall maintain records of Controllable Material charged to the Joint Account, with sufficient detail to perform physical inventories.

Adjustments to the Joint Account by the Operator resulting from a physical inventory of Controllable Material shall be made within twelve (12) months following the taking of the inventory or receipt of Non-Operator inventory report. Charges and credits for averages or shortages will be valued for the Joint Account in accordance with Section IV.2 (*Transfers*) and shall be based on the Condition "B" prices in effect on the date of physical inventory unless the inventorying Parties can provide sufficient evidence another Material condition applies.

## 1. DIRECTED INVENTORIES

Physical inventories shall be performed by the Operator upon written request of a majority in working interests of the Non-Operators (hereinafter, "directed inventory"); provided, however, the Operator shall not be required to perform directed inventories more frequently than once every five (5) years. Directed inventories shall be commenced within one hundred eighty (180) days after the Operator receives written notice that a majority in interest of the Non-Operators has requested the inventory. All Parties shall be governed by the results of any directed inventory.

Expenses of directed inventories will be borne by the Joint Account; provided, however, costs associated with any post-report follow-up work in settling the inventory will be absorbed by the Party incurring such costs. The Operator is expected to exercise judgment in keeping expenses within reasonable limits. Any anticipated disproportionate or extraordinary costs should be discussed and agreed upon prior to commencement of the inventory. Expenses of directed inventories may include the following:

- A. A per diem rate for each inventory person, representative of actual salaries, wages, and payroll burdens and benefits of the personnel performing the inventory or a rate agreed to by the Parties pursuant to Section 1.6.A (*General Matters*). The per diem rate shall also be applied to a reasonable number of days for pre-inventory work and report preparation.
- B. Actual transportation costs and Personal Expenses for the inventory team.
- C. Reasonable charges for report preparation and distribution to the Non-Operators.

## 2. NON-DIRECTED INVENTORIES

## A. OPERATOR INVENTORIES

Physical inventories that are not requested by the Non-Operators may be performed by the Operator, at the Operator's discretion. The expenses of conducting such Operator-initiated inventories shall not be charged to the Joint Account.

## B. NON-OPERATOR INVENTORIES

Subject to the terms of the Agreement to which this Accounting Procedure is attached, the Non-Operators may conduct a physical inventory at reasonable times at their sole cost and risk after giving the Operator at least ninety (90) days prior written notice. The Non-Operator inventory report shall be furnished to the Operator in writing within ninety (90) days of completing the inventory fieldwork.

## C. SPECIAL INVENTORIES

The expense of conducting inventories other than those described in Sections V.1 (*Directed Inventories*), V.2.A (*Operator Inventories*), or V.2.B (*Non-Operator Inventories*), shall be charged to the Party requesting such inventory; provided, however, inventories required due to a change of Operator shall be charged to the Joint Account in the same manner as described in Section V.1 (*Directed Inventories*).

## EXHIBIT "D"

### INSURANCE

Attached to and made a part of that certain Joint Operating Agreement dated xxxx xx, xxxx, by and between Noble Energy, Inc., as Operator, and Noble Energy WyCo, LLC, as Non-Operator.

#### I. INSURANCE OBTAINED BY OPERATOR AND CHARGED TO THE JOINT ACCOUNT

At all times during the conduct of operations hereunder, Operator shall carry all insurance required by contract or law, unless such insurance is otherwise provided individually by the Parties to this Agreement. Operator shall also maintain insurance of the types and in the maximum amounts set forth below. Such insurance shall be with financially responsible insurance companies and regarded as a minimum and shall be primary as to any other existing, valid and collectable insurance.

- (a) Workers' Compensation insurance in full compliance with all applicable state and federal laws and regulations.
- (b) Employer's Liability insurance with limits of \$1,000,000 per accident, \$1,000,000 for each employee/disease, and a \$1,000,000 policy limit.
- (c) Automobile liability insurance covering owned, leased, non-owned and hired automobiles with a \$1,000,000 combined single limit for bodily injury and property damage.

The coverage specified above will be endorsed to waive the insurers' rights to subrogation against all of the Parties to this Agreement. Premiums for the insurance provided by Operator for the benefit of all Parties specified above shall be charged to the Joint Account, provided, however, that if the Operator either self-insures or effectively self-insures the insurance required in (a) above, the Operator shall charge to the Joint Account, in lieu of any premiums for such insurance, an amount not to exceed the workers compensation manual rates times the payroll.

Except as provided above, Operator shall not be obligated to obtain or cause to be carried insurance for the benefit of the Joint Account, such insurance includes, but is not limited to, control of well or seepage and pollution, insurance against the hazards of fire, windstorm, explosion, blowout, cratering, reservoir damage, or insurance other than specified above.

#### II. INSURANCE NOT CHARGED TO THE JOINT ACCOUNT

At all times while the Agreement is in effect, each party to the Agreement shall insure for their share of any liabilities assumed under the Agreement. The cost of these insurance programs shall be the individual responsibilities of each of the parties and none of the cost associated with these programs shall be charged to the Joint Account. Each party shall insure the following coverage with policy limits, effective through primary and excess coverages, not less than those indicated. Each party shall insure their share of the following limits which are at 100% project:

- (a) General Liability insurance covering the parties' operations herein, including broad form contractual liability, property damage liability, personal injury liability, and sudden and accidental pollution coverage with combined single limits of at least \$5,000,000 per occurrence.
- (b) Operator's Extra Expense insurance covering Control of Well, Redrill, Restoration and Seepage and Pollution incidents with a Combined Single Limit of \$10,000,000 per occurrence.

All of the above coverages shall be endorsed to waive the insurers' rights of subrogation against Operator and all other parties to the Agreement. Upon request, a Non-Operator will provide the Operator with a certificate of insurance evidencing that all of the above insurance and special insuring provisions are in place.

If a party is unable to meet the aforementioned insurance requirements, the Operator may, but is not required to do so, purchase any or all of the insurance that the party failed to secure. The cost of said insurance shall be for the individual account of the Party on whose behalf the insurance was purchased.

Neither the minimum policy limits of insurance required of the parties nor the actual amounts of insurance maintained by the parties under their insurance program limit or reduce the parties' liability or indemnity obligations in this Agreement.

A party may self-insure the requirements in this Exhibit if its parent is considered investment grade (S&P BBB- or Moody's Baa3 or higher).



1 NOTE: Instructions For Use of Gas Balancing  
2 Agreement MUST be reviewed before finalizing  
3 this document.

## EXHIBIT "E"

GAS BALANCING AGREEMENT ("AGREEMENT")  
ATTACHED TO AND MADE PART OF THAT CERTAINOPERATING AGREEMENT DATED XXXX XX, XXXXBY AND BETWEEN Noble Energy, Inc. as OperatorAND Noble Energy WvCo, LLC, as Non-Operator ("OPERATING AGREEMENT")RELATING TO THE Section 24: All T8N, R61W, 6th P.M. WELL AREA,WELD COUNTY/PARISH, STATE OF COLORADO

## I. DEFINITIONS

The following definitions shall apply to this Agreement:

1.01 "Arm's Length Agreement" shall mean any gas sales agreement with an unaffiliated purchaser or any gas sales agreement with an affiliated purchaser where the sales price and delivery conditions under such agreement are representative of prices and delivery conditions existing under other similar agreements in the area between unaffiliated parties at the same time for natural gas of comparable quality and quantity.

1.02 "Balancing Area" shall mean (select one):

☐ each well subject to the Operating Agreement that produces Gas or is allocated a share of Gas production. If a single well is completed in two or more producing intervals, each producing interval from which the Gas production is not commingled in the wellbore shall be considered a separate well.

☐ all of the acreage and depths subject to the Operating Agreement.

☒ Each wellbore and/or each formation located on the lands subject to the Operating Agreement that produces gas and is allocated a share of gas production.

1.03 "Full Share of Current Production" shall mean the Percentage Interest of each Party in the Gas actually produced from the Balancing Area during each month.

1.04 "Gas" shall mean all hydrocarbons produced or producible from the Balancing Area, whether from a well classified as an oil well or gas well by the regulatory agency having jurisdiction in such matters, which are or may be made available for sale or separate disposition by the Parties, excluding oil, condensate and other liquids recovered by field equipment operated for the joint account. "Gas" does not include gas used in joint operations, such as for fuel, recycling or reinjection, or which is vented or lost prior to its sale or delivery from the Balancing Area.

1.05 "Makeup Gas" shall mean any Gas taken by an Underproduced Party from the Balancing Area in excess of its Full Share of Current Production, whether pursuant to Section 3.3 or Section 4.1 hereof.

1.06 "Mcf" shall mean one thousand cubic feet. A cubic foot of Gas shall mean the volume of gas contained in one cubic foot of space at a standard pressure base and at a standard temperature base.

1.07 "MMBtu" shall mean one million British Thermal Units. A British Thermal Unit shall mean the quantity of heat required to raise one pound avoirdupois of pure water from 58.5 degrees Fahrenheit to 59.5 degrees Fahrenheit at a constant pressure of 14.73 pounds per square inch absolute.

1.08 "Operator" shall mean the individual or entity designated under the terms of the Operating Agreement or, in the event this Agreement is not employed in connection with an operating agreement, the individual or entity designated as the operator of the well(s) located in the Balancing Area.

1.09 "Overproduced Party" shall mean any Party having taken a greater quantity of Gas from the Balancing Area than the Percentage interest of such Party in the cumulative quantity of all Gas produced from the Balancing Area.

1.10 "Overproduction" shall mean the cumulative quantity of Gas taken by a Party in excess of its Percentage Interest in the cumulative quantity of all Gas produced from the Balancing Area.

1.11 "Party" shall mean those individuals or entities subject to this Agreement, and their respective heirs, successors, transferees and assigns.

1.12 "Percentage Interest" shall mean the percentage or decimal interest of each Party in the Gas produced from the Balancing Area pursuant to the Operating Agreement covering the Balancing Area.

1.13 "Royalty" shall mean payments on production of Gas from the Balancing Area to all owners of royalties, overriding royalties, production payments or similar interests.

1.14 "Underproduced Party" shall mean any Party having taken a lesser quantity of Gas from the Balancing Area than the Percentage Interest of such Party in the cumulative quantity of all Gas produced from the Balancing Area.

1.15 "Underproduction" shall mean the deficiency between the cumulative quantity of Gas taken by a Party and its Percentage Interest in the cumulative quantity of all Gas produced from the Balancing Area.

1.16 ☐ (Optional) "Winter Period" shall mean the month(s) of \_\_\_\_\_ in one calendar year and the month(s) of \_\_\_\_\_ in the succeeding calendar year.

## 2. BALANCING AREA

2.1 If this Agreement covers more than one Balancing Area, it shall be applied as if each Balancing Area were covered by separate but identical agreements. All balancing hereunder shall be on the basis of Gas taken from the Balancing Area measured in (Alternative 1) ☐ Mcfs or (Alternative 2) ☒ MMBtus.

2.2 In the event that all or part of the Gas deliverable from a Balancing Area is or becomes subject to one or more maximum lawful prices, any Gas not subject to price controls shall be considered as produced from a single Balancing Area and Gas subject to each maximum lawful price category shall be considered produced from a separate Balancing Area.

## 3. RIGHT OF PARTIES TO TAKE GAS

3.1 Each Party desiring to take Gas will notify the Operator, or cause the Operator to be notified, of the volumes nominated, the name of the transporting pipeline and the pipeline contract number (if available) and meter station relating to such delivery, sufficiently in advance for the Operator, acting with reasonable diligence, to meet all nomination and other



1 requirements. Operator is authorized to deliver the volumes so nominated and confirmed (if confirmation is required) to the  
2 transporting pipeline in accordance with the terms of this Agreement.

3 3.2 Each Party shall make a reasonable, good faith effort to take its Full Share of Current Production each month, to the  
4 extent that such production is required to maintain leases in effect, to protect the producing capacity of a well or reservoir, to  
5 preserve correlative rights, or to maintain oil production.

6 3.3 When a Party fails for any reason to take its Full Share of Current Production (as such Share may be reduced by the  
7 right of the other Parties to make up for Underproduction as provided herein), the other Parties shall be entitled to take any  
8 Gas which such Party fails to take. To the extent practicable, such Gas shall be made available initially to each Underproduced  
9 Party in the proportion that its Percentage Interest in the Balancing Area bears to the total Percentage Interests of all  
10 Underproduced Parties desiring to take such Gas. If all such Gas is not taken by the Underproduced Parties, the portion not  
11 taken shall then be made available to the other Parties in the proportion that their respective Percentage Interests in the  
12 Balancing Area bear to the total Percentage Interests of such Parties.

13 3.4 All Gas taken by a Party in accordance with the provisions of this Agreement, regardless of whether such Party is  
14 underproduced or overproduced, shall be regarded as Gas taken for its own account with title thereto being in such taking  
15 Party.

16 3.5 Notwithstanding the provisions of Section 3.3 hereof, no Overproduced Party shall be entitled in any month to take any  
17 Gas in excess of three hundred percent (300%) of its Percentage Interest of the Balancing Area's then-current Maximum  
18 Monthly Availability; provided, however, that this limitation shall not apply to the extent that it would preclude production  
19 that is required to maintain leases in effect, to protect the producing capacity of a well or reservoir, to preserve correlative  
20 rights, or to maintain oil production. "Maximum Monthly Availability" shall mean the maximum average monthly rate of  
21 production at which Gas can be delivered from the Balancing Area, as determined by the Operator, considering the maximum  
22 efficient well rate for each well within the Balancing Area, the maximum allowable(s) set by the appropriate regulatory agency,  
23 mode of operation, production facility capabilities and pipeline pressures.

24 3.6 In the event that a Party fails to make arrangements to take its Full Share of Current Production required to be  
25 produced to maintain leases in effect, to protect the producing capacity of a well or reservoir, to preserve correlative rights, or  
26 to maintain oil production, the Operator may sell any part of such Party's Full Share of Current Production that such Party fails  
27 to take for the account of such Party and render to such Party, on a current basis, the full proceeds of the sale, less any  
28 reasonable marketing, compression, treating, gathering or transportation costs incurred directly in connection with the sale of  
29 such Full Share of Current Production. In making the sale contemplated herein, the Operator shall be obligated only to obtain  
30 such price and conditions for the sale as are reasonable under the circumstances and shall not be obligated to share any of its  
31 markets. Any such sale by Operator under the terms hereof shall be only for such reasonable periods of time as are consistent  
32 with the minimum needs of the industry under the particular circumstances, but in no event for a period in excess of one  
33 years. Notwithstanding the provisions of Article 3.4 hereof, Gas sold by Operator for a Party under the provisions hereof shall  
34 be deemed to be Gas taken for the account of such Party with title.

#### 35 4. IN-KIND BALANCING

36 4.1 Effective the first day of any calendar month following at least twenty (20) days' prior  
37 written notice to the Operator, any Underproduced Party may begin taking, in addition to its Full Share of Current  
38 Production and any Makeup Gas taken pursuant to Section 3.3 of this Agreement, a share of current production determined  
39 by multiplying twenty-five percent (25 %) of the Full Shares of Current Production of all Overproduced Parties by  
40 a fraction, the numerator of which is the Percentage Interest of such Underproduced Party and the denominator of which  
41 is the total of the Percentage Interests of all Underproduced Parties desiring to take Makeup Gas. In no event will an  
42 Overproduced Party be required to provide more than twenty-five percent (25 %) of its Full Share of Current  
43 Production for Makeup Gas. The Operator will promptly notify all Overproduced Parties of the election of an Underproduced  
44 Party to begin taking Makeup Gas.

45 4.2 ☐ (Optional Seasonal Limitation on Makeup Option 1) Notwithstanding the provisions of Section 4.1, the  
46 average monthly amount of Makeup Gas taken by an Underproduced Party during the Winter Period pursuant to Section 4.1  
47 shall not exceed the average monthly amount of Makeup Gas taken by such Underproduced Party during the  
48 ( ) months immediately preceding the Winter Period.

49 4.3 ☐ (Optional Seasonal Limitation on Makeup Option 2) Notwithstanding the provisions of Section 4.1, no  
50 Overproduced Party will be required to provide more than ( ) percent (( ) %) of its Full Share  
51 of Current Production for Makeup Gas during the Winter Period.

52 4.3 ☒ (Optional) Notwithstanding any other provision of this Agreement, at such time and for so long as Operator, or  
53 (insofar as concerns production by the Operator) any Underproduced Party, determines in good faith that an Overproduced  
54 Party has produced all of its share of the ultimately recoverable reserves in the Balancing Area, such Overproduced Party may  
55 be required to make available for Makeup Gas, upon the demand of the Operator or any Underproduced Party, up to  
56 one hundred percent (100 %) of such Overproduced Party's Full Share of Current Production.

#### 57 5. STATEMENT OF GAS BALANCES

58 5.1 The Operator will maintain appropriate accounting on a monthly and cumulative basis of the volumes of Gas that each  
59 Party is entitled to receive and the volumes of Gas actually taken or sold for each Party's account. Within ninety (90) ~~forty-five (45)~~ days  
60 after the month of production, the Operator will furnish a statement for such month showing (1) each Party's Full Share of  
61 Current Production, (2) the total volume of Gas actually taken or sold for each Party's account, (3) the difference between  
62 the volume taken by each Party and that Party's Full Share of Current Production, (4) the Overproduction or  
63 Underproduction of each Party, and (5) other data as recommended by the provisions of the Council of Petroleum  
64 Accountants Societies <sup>Accounting Guideline (AG) 22 Producer gas in balances (formerly Bulletin 24)</sup> Bulletin No. 24, as amended or supplemented hereafter. Each Party taking Gas will promptly provide to  
65 the Operator any data required by the Operator for preparation of the statements required hereunder.

66 5.2 If any Party fails to provide the data required herein for six (6) ~~four (4)~~ consecutive production months, the Operator, or  
67 where the Operator has failed to provide data, another Party, may audit the production and Gas sales and transportation  
68 volumes of the non-reporting Party to provide the required data. Such audit shall be conducted only after reasonable notice and  
69 during normal business hours in the office of the Party whose records are being audited. All costs associated with such audit  
70 will be charged to the account of the Party failing to provide the required data.

#### 71 6. PAYMENTS ON PRODUCTION

72 6.1 Each Party taking Gas shall pay or cause to be paid all production and severance taxes due on all volumes of Gas  
73 actually taken by such Party.

74 ~~6.2 ☐ (Alternative 1 Entitlements) Each Party shall pay or cause to be paid all Royalty due with respect to Royalty~~

owners to whom it is accountable as if such Party were taking its Full Share of Current Production, and only its Full Share of Current Production;  
~~6.2.1-B (Optional For use only with Section 6.2 Alternative 1 Entitlement) Upon written request of a Party taking less than its Full Share of Current Production in a given month ("Current Underproducer"), any Party taking more than its Full Share of Current Production in such month ("Current Overproducer") will pay to such Current Underproducer an amount each month equal to the Royalty percentage of the proceeds received by the Current Overproducer for that portion of the Current Underproducer's Full Share of Current Production taken by the Current Overproducer provided, however, that such payment will not exceed the Royalty percentage that is common to all Royalty burdens in the Balancing Area. Payments made pursuant to this Section 6.2.1 will be deemed payments to the Underproduced Party's Royalty owners for purposes of Section 7.5.~~

6.2 ☒ (Alternative 2 - Sales) Each Party shall pay or cause to be paid Royalty due with respect to Royalty owners to whom it is accountable based on the volume of Gas actually taken for its account.

6.3 In the event that any governmental authority requires that Royalty payments be made on any other basis than that provided for in this Section 6, each Party agrees to make such Royalty payments accordingly, commencing on the effective date required by such governmental authority, and the method provided for herein shall be thereby superseded.

## 7. CASH SETTLEMENTS

7.1 Upon the earlier of the plugging and abandonment of the last producing interval in the Balancing Area, the termination of the Operating Agreement or any pooling or unit agreement covering the Balancing Area, or at any time no Gas is taken from the Balancing Area for a period of twelve (12) consecutive months, any Party may give written notice calling for cash settlement of the Gas production imbalances among the Parties. Such notice shall be given to all Parties in the Balancing Area.

7.2 Within <sup>ninety (90)</sup>~~sixty (60)~~ days after the notice calling for cash settlement under Section 7.1, the Operator will distribute to each Party a Final Gas Settlement Statement detailing the quantity of Overproduction owed by each Overproduced Party to each Underproduced Party and identifying the month to which such Overproduction is attributed, pursuant to the methodology set out in Section 7.4.

7.3 ☒ (Alternative 1 - Direct Party-to-Party Settlement) Within <sup>ninety (90)</sup>~~sixty (60)~~ days after receipt of the Final Gas Settlement Statement, each Overproduced Party will pay to each Underproduced Party entitled to settlement the appropriate cash settlement, accompanied by appropriate accounting detail. At the time of payment, the Overproduced Party will notify the Operator of the Gas imbalance settled by the Overproduced Party's payment.

~~7.3-B (Alternative 2 - Settlement Through Operator) Within sixty (60) days after receipt of the Final Gas Settlement Statement, each Overproduced Party will send its cash settlement, accompanied by appropriate accounting detail, to the Operator. The Operator will distribute the monies so received, along with any settlement owed by the Operator as an Overproduced Party, to each Underproduced Party to whom settlement is due within ninety (90) days after issuance of the Final Gas Settlement Statement. In the event that any Overproduced Party fails to pay any settlement due hereunder, the Operator may turn over responsibility for the collection of such settlement to the Party to whom it is owed, and the Operator will have no further responsibility with regard to such settlement.~~

~~7.3.1-B (Optional For use only with Section 7.3, Alternative 2 - Settlement Through Operator) Any Party shall have the right at any time upon thirty (30) days' prior written notice to all other Parties to demand that any settlements due such Party for Overproduction be paid directly to such Party by the Overproduced Party, rather than being paid through the Operator. In the event that an Overproduced Party pays the Operator any sums due to an Underproduced Party at any time after thirty (30) days following the receipt of the notice provided for herein, the Overproduced Party will continue to be liable to such Underproduced Party for any sums so paid, until payment is actually received by the Underproduced Party.~~

7.4 ☒ (Alternative 1 - Historical Sales Basis) The amount of the cash settlement will be based on the proceeds received by the Overproduced Party under an Arm's Length Agreement for the Gas taken from time to time by the Overproduced Party in excess of the Overproduced Party's Full Share of Current Production. Any Makeup Gas taken by the Underproduced Party prior to monetary settlement hereunder will be applied to offset Overproduction chronologically in the order of accrual.

~~7.4-B (Alternative 2 - Most Recent Sales Basis) The amount of the cash settlement will be based on the proceeds received by the Overproduced Party under an Arm's Length Agreement for the volume of Gas that constituted Overproduction by the Overproduced Party from the Balancing Area for the purpose of implementing the cash settlement provision of the Section 7, an Overproduced Party will not be considered to have produced any of an Underproduced Party's share of Gas until the Overproduced Party has produced cumulatively all of its Percentage Interest share of the Gas ultimately produced from the Balancing Area.~~

7.5 The values used for calculating the cash settlement under Section 7.4 will include all proceeds received for the sale of the Gas by the Overproduced Party calculated at the Balancing Area, after deducting any production or severance taxes paid and any Royalty actually paid by the Overproduced Party to an Underproduced Party's Royalty owner(s), to the extent said payments amounted to a discharge of said Underproduced Party's Royalty obligation, as well as any reasonable <sup>post-production expenses such as</sup> marketing, compression, treating, gathering or transportation costs incurred directly in connection with the sale of the Overproduction.

~~7.5.1-B (Optional For Valuation Under Percentage of Proceeds Contracts) For Overproduction sold under a gas purchase contract providing for payment based on a percentage of the proceeds obtained by the purchaser upon resale of residue gas and liquid hydrocarbons extracted at a gas processing plant, the values used for calculating cash settlement will include proceeds received by the Overproduced Party for both the liquid hydrocarbons and the residue gas attributable to the Overproduction.~~

~~7.5.2-B (Optional Valuation for Processed Gas Option 1) For Overproduction processed for the account of the Overproduced Party at a gas processing plant for the extraction of liquid hydrocarbons, the full quantity of the Overproduction will be valued for purposes of cash settlement at the prices received by the Overproduced Party for the sale of the residue gas attributable to the Overproduction without regard to proceeds attributable to liquid hydrocarbons which may have been extracted from the Overproduction.~~

~~7.5.2-B (Optional Valuation for Processed Gas Option 2) For Overproduction processed for the account of the Overproduced Party at a gas processing plant for the extraction of liquid hydrocarbons, the values used for calculating cash settlement will include the proceeds received by the Overproduced Party for the sale of the liquid hydrocarbons extracted from the Overproduction, less the actual reasonable costs incurred by the Overproduced Party to process the Overproduction and to transport, fractionate and handle the liquid hydrocarbons extracted therefrom prior to sale.~~

7.6 To the extent the Overproduced Party did not sell all Overproduction under an Arm's Length Agreement, the cash settlement will be based on the weighted average price received by the Overproduced Party for any gas sold from the

1 Balancing Area under Arriv's Length Agreements during the months in which such Overproduction is attributed. In the event  
2 that no sales under Arriv's Length Agreements were made during any such month, the cash settlement for such month will be  
3 based on the spot sales prices published for the applicable geographic area during such month in a mutually acceptable pricing  
4 bulletin.

5 7.7 Interest compounded at the rate of \_\_\_\_\_ percent (\_\_\_\_%) per annum or the maximum lawful  
6 rate of interest applicable to the Balancing Area, whichever is less, will accrue for all amounts due under Section 7.1 beginning  
7 the first day following the date payment is due pursuant to Section 7.3. Such interest shall be borne by the Operator or any  
8 Overproduced Party in the proportion that their respective delays beyond the deadlines set out in Sections 7.2 and 7.3  
9 contributed to the accrual of the interest.

10 7.8 In lieu of the cash settlement required by Section 7.3, an Overproduced Party may deliver to the Underproduced Party  
11 an offer to settle its Overproduction in-kind and at such rates, quantities, times and sources as may be agreed upon by the  
12 Underproduced Party. If the Parties are unable to agree upon the manner in which such in-kind settlement gas will be  
13 furnished within sixty (60) days after the Overproduced Party's offer to settle in kind, which period may be extended by  
14 agreement of said Parties, the Overproduced Party shall make a cash settlement as provided in Section 7.3. The making of an  
15 in-kind settlement offer under this Section 7.8 will not delay the accrual of interest on the cash settlement should the Parties  
16 fail to reach agreement on an in-kind settlement.

17 7.9 ~~7.9 (Optional For Balancing Areas Subject to Federal Price Regulation) That portion of any monies collected by an~~  
18 ~~Overproduced Party for Overproduction which is subject to refund by orders of the Federal Energy Regulatory Commission or~~  
19 ~~other governmental authority may be withheld by the Overproduced Party until such prices are fully approved by such~~  
20 ~~governmental authority, unless the Underproduced Party furnishes a corporate undertaking acceptable to the Overproduced~~  
21 ~~Party, agreeing to hold the Overproduced Party harmless from financial loss due to refund orders by such governmental~~  
22 ~~authority.~~

23 7.10 ~~7.10 (Optional Interim Cash Balancing) At any time during the term of this Agreement, any Overproduced Party~~  
24 ~~may, in its sole discretion, make cash settlement(s) with the Underproduced Parties covering all or part of its outstanding Gas~~  
25 ~~imbalances, provided that such settlements must be made with all Underproduced Parties proportionately based on the relative~~  
26 ~~imbalances of the Underproduced Parties, and provided further that such settlements may not be made more often than once~~  
27 ~~every twenty-four (24) months. Such settlements will be calculated in the same manner provided above for final cash~~  
28 ~~settlements. The Overproduced Party will provide Operator a detailed accounting of any such cash settlement within thirty (30)~~  
29 ~~days after the settlement is made.~~

## 8. TESTING

30 Notwithstanding any provision of this Agreement to the contrary, any Party shall have the right, from time to time, to  
31 produce and take up to one hundred percent (100%) of a well's entire Gas stream to meet the reasonable deliverability test(s)  
32 required by such Party's Gas purchaser, and the right to take any Makeup Gas shall be subordinate to the right of any Party to  
33 conduct such tests; provided, however, that such tests shall be conducted in accordance with prudent operating practices only  
34 after \_\_\_\_\_ thirty \_\_\_\_\_ ( 30 ) days' prior written notice to the Operator and shall last no longer than  
35 \_\_\_\_\_ seventy-two \_\_\_\_\_ ( 72 ) hours.

## 9. OPERATING COSTS

37 Nothing in this Agreement shall change or affect any Party's obligation to pay its proportionate share of all costs and  
38 liabilities incurred in operations on or in connection with the Balancing Area, as its share thereof is set forth in the Operating  
39 Agreement, irrespective of whether any Party is at any time selling and using Gas or whether such sales or use are in  
40 proportion to its Percentage Interest in the Balancing Area.

## 10. LIQUIDS

42 <sup>Operator</sup> The Parties shall market and settle, for the joint account, liquid hydrocarbons recovered with Gas production by field equipment and the  
43 parties shall share proportionately in and own all associated liquid hydrocarbons recovered with Gas by field equipment operated for the joint account  
44 in accordance with their Percentage Interests in the Balancing Area.

## 11. AUDIT RIGHTS

46 Notwithstanding any provision in this Agreement or any other agreement between the Parties hereto, and further  
47 notwithstanding any termination or cancellation of this Agreement, for a period of two (2) years from the end of the calendar  
48 year in which any information to be furnished under Section 5 or 7 hereof is supplied, any Party shall have the right to audit  
49 the records of any other Party regarding quantity, including but not limited to information regarding Btu content.  
50 Any Underproduced Party shall have the right for a period of two (2) years from the end of the calendar year in which any  
51 cash settlement is received pursuant to Section 7 to audit the records of any Overproduced Party as to all matters concerning  
52 values, including but not limited to information regarding prices and disposition of Gas from the Balancing Area. Any such  
53 audit shall be conducted at the expense of the Party or Parties desiring such audit, and shall be conducted, after reasonable  
54 notice, during normal business hours in the office of the Party whose records are being audited. Each Party hereto agrees to  
55 maintain records as to the volumes and prices of Gas sold each month and the volumes of Gas used in its own operations,  
56 along with the Royalty paid on any such Gas used by a Party in its own operations. The audit rights provided for in this  
57 Section 11 shall be in addition to those provided for in Section 5.2 of this Agreement.

## 12. MISCELLANEOUS

59 12.1 As between the Parties, in the event of any conflict between the provisions of this Agreement and the provisions of  
60 any gas sales contract, or in the event of any conflict between the provisions of this Agreement and the provisions of the  
61 Operating Agreement, the provisions of this Agreement shall govern.

62 12.2 Each Party agrees to defend, indemnify and hold harmless all other Parties from and against any and all liability for  
63 any claims, which may be asserted by any third party which now or hereafter stands in a contractual relationship with such  
64 indemnifying Party and which arise out of the operation of this Agreement or any activities of such indemnifying Party under  
65 the provisions of this Agreement, and does further agree to save the other Parties harmless from all judgments or damages  
66 sustained and costs incurred in connection therewith.

67 12.3 Except as otherwise provided in this Agreement, Operator is authorized to administer the provisions of this  
68 Agreement, but shall have no liability to the other Parties for losses sustained or liability incurred which arise out of or in  
69 connection with the performance of Operator's duties hereunder, except such as may result from Operator's gross negligence or  
70 willful misconduct. Operator shall not be liable to any Underproduced Party for the failure of any Overproduced Party, (other  
71 than Operator) to pay any amounts owed pursuant to the terms hereof.

72 12.4 This Agreement shall remain in full force and effect for as long as the Operating Agreement shall remain in force and  
73 effect as to the Balancing Area, and thereafter until the Gas accounts between the Parties are settled in full, and shall inure to  
74 the benefit of and be binding upon the Parties hereto, and their respective heirs, successors, legal representatives



1 and assigns, if any. The Parties hereto agree to give notice of the existence of this Agreement to any successor in interest of  
2 any such Party and to provide that any such successor shall be bound by this Agreement, and shall further make any transfer of  
3 any interest subject to the Operating Agreement, or any part thereof, also subject to the terms of this Agreement.

4 12.5 Unless the context clearly indicates otherwise, words used in the singular include the plural, the plural includes the  
5 singular, and the neuter gender includes the masculine and the feminine.

6 ~~12.6 In the event that any "Optional" provision of this Agreement is not adopted by the Parties to this Agreement by a  
7 typed, printed or handwritten indication, such provision shall not form a part of this Agreement, and no inference shall be  
8 made concerning the intent of the Parties in such event. In the event that any "Alternative" provision of this Agreement is not  
9 so adopted by the Parties, Alternative 1 in each such instance shall be deemed to have been adopted by the Parties as a result  
10 of any such omission. In those cases where it is indicated that an Optional provision may be used only if a specific Alternative  
11 is selected: (i) an election to include said Optional provision shall not be effective unless the Alternative in question is selected;  
12 and (ii) the election to include said Optional provision must be expressly indicated herein, it being understood that the  
13 selection of an Alternative either expressly or by default as provided herein shall not, in and of itself, constitute an election to  
14 include an associated Optional provision.~~

15 12.7 This Agreement shall bind the Parties in accordance with the provisions hereof, and nothing herein shall be construed  
16 or interpreted as creating any rights in any person or entity not a signatory hereto, or as being a stipulation in favor of any  
17 such person or entity.

18 12.8 If contemporaneously with this Agreement becoming effective, or thereafter, any Party requests that any other Party  
19 execute an appropriate memorandum or notice of this Agreement in order to give third parties notice of record of same and  
20 submits same for execution in recordable form, such memorandum or notice shall be duly executed by the Party to which such  
21 request is made and delivered promptly thereafter to the Party making the request. Upon receipt, the Party making the request  
22 shall cause the memorandum or notice to be duly recorded in the appropriate real property or other records affecting the  
23 Balancing Area.

24 12.9 In the event Internal Revenue Service regulations require a uniform method of computing taxable income by all  
25 Parties, each Party agrees to compute and report income to the Internal Revenue Service (select one) ~~B as if such Party were~~  
26 ~~taking its Full Share of Current Production during each relevant tax period in accordance with such regulations insofar as same~~  
27 ~~relate to entitlement method tax computations; or~~ E based on the quantity of Gas taken for its account in accordance with  
28 such regulations, insofar as same relate to sales method tax computations.

### 29 13. ASSIGNMENT AND RIGHTS UPON ASSIGNMENT

30 13.1 Subject to the provisions of Sections 13.2 (if elected) and 13.3 hereof, and notwithstanding anything in this Agreement  
31 or in the Operating Agreement to the contrary, if any Party assigns (including any sale, exchange or other transfer) any of its  
32 working interest in the Balancing Area when such Party is an Underproduced or Overproduced Party, the assignment or other  
33 act of transfer shall, insofar as the Parties hereto are concerned, include all interest of the assigning or transferring Party in the  
34 Gas, all rights to receive or obligations to provide or take Makeup Gas and all rights to receive or obligations to make any  
35 monetary payment which may ultimately be due hereunder, as applicable. Operator and each of the other Parties hereto shall  
36 thereafter treat the assignment accordingly, and the assigning or transferring Party shall look solely to its assignee or other  
37 transferee for any interest in the Gas or monetary payment that such Party may have or to which it may be entitled, and shall  
38 cause its assignee or other transferee to assume its obligations hereunder.

39 ~~13.2 B (Optional Cash Settlement Upon Assignment) Notwithstanding anything in this Agreement (including but not  
40 limited to the provisions of Section 13.1 hereof) or in the Operating Agreement to the contrary, and subject to the provisions  
41 of Section 13.3 hereof, in the event an Overproduced Party intends to sell, assign, exchange or otherwise transfer any of its  
42 interest in a Balancing Area, such Overproduced Party shall notify in writing the other working interest owners who are  
43 Parties hereto in such Balancing Area of such fact at least \_\_\_\_\_ (\_\_\_\_\_) days prior to closing the  
44 transaction. Thereafter, any Underproduced Party may demand from such Overproduced Party in writing, within  
45 \_\_\_\_\_ (\_\_\_\_\_) days after receipt of the Overproduced Party's notice, a cash settlement of its  
46 Underproduction from the Balancing Area. The Operator shall be notified of any such demand and of any cash settlement  
47 pursuant to this Section 13, and the Overproduction and Underproduction of each Party shall be adjusted accordingly. Any cash  
48 settlement pursuant to this Section 13 shall be paid by the Overproduced Party on or before the earlier to occur (i) of sixty (60)  
49 days after receipt of the Underproduced Party's demand or (ii) at the closing of the transaction in which the Overproduced  
50 Party sells, assigns, exchanges or otherwise transfers its interest in a Balancing Area on the same basis as otherwise set forth in  
51 Sections 7.3 through 7.6 hereof, and shall bear interest at the rate set forth in Section 7.7 hereof beginning sixty (60) days  
52 after the Overproduced Party's sale, assignment, exchange or transfer of its interest in the Balancing Area for any amounts not  
53 paid. Provided, however, if any Underproduced Party does not so demand such cash settlement of its Underproduction from the  
54 Balancing Area, such Underproduced Party shall look exclusively to the assignee or other successor in interest of the  
55 Overproduced Party giving notice hereunder for the satisfaction of such Underproduced Party's Underproduction in accordance  
56 with the provisions of Section 13.1 hereof.~~

57 13.3 The provisions of this Section 13 shall not be applicable in the event any Party mortgages its interest or disposes of its  
58 interest by merger, reorganization, consolidation or sale of substantially all of its assets to a subsidiary or parent company, or to  
59 any company in which any parent or subsidiary of such Party owns a majority of the stock of such company.

### 60 14. OTHER PROVISIONS

1 ~~IS. COUNTERPARTS~~

2 ~~This Agreement may be executed in counterparts, each of which when taken with all other counterparts shall constitute~~  
 3 ~~a binding agreement between the Parties hereto; provided, however, that if a Party or Parties owning a Percentage Interest in~~  
 4 ~~the Balancing Area equal to or greater than a \_\_\_\_\_ percent (\_\_\_\_%) therein fail(s) to execute this~~  
 5 ~~Agreement on or before \_\_\_\_\_, this Agreement shall not be binding upon any Party and shall be of~~  
 6 ~~no further force and effect.~~

7 ~~IN WITNESS WHEREOF, this Agreement shall be effective as of the \_\_\_\_\_ day of \_\_\_\_\_,~~  
 8  
 9

10 ATTEST OR WITNESS: \_\_\_\_\_ OPERATOR

11 \_\_\_\_\_

12 \_\_\_\_\_ BY: \_\_\_\_\_

13 \_\_\_\_\_

14 \_\_\_\_\_ Type or print name

15 \_\_\_\_\_ Title \_\_\_\_\_

16 \_\_\_\_\_ Date \_\_\_\_\_

17 \_\_\_\_\_ Tax ID or S.S. No. \_\_\_\_\_

18 \_\_\_\_\_

19 \_\_\_\_\_ NON-OPERATORS

20 \_\_\_\_\_

21 \_\_\_\_\_ BY: \_\_\_\_\_

22 \_\_\_\_\_

23 \_\_\_\_\_ Type or print name

24 \_\_\_\_\_ Title \_\_\_\_\_

25 \_\_\_\_\_ Date \_\_\_\_\_

26 \_\_\_\_\_ Tax ID or S.S. No. \_\_\_\_\_

27 \_\_\_\_\_

28 \_\_\_\_\_

29 \_\_\_\_\_ BY: \_\_\_\_\_

30 \_\_\_\_\_

31 \_\_\_\_\_ Type or print name

32 \_\_\_\_\_ Title \_\_\_\_\_

33 \_\_\_\_\_ Date \_\_\_\_\_

34 \_\_\_\_\_ Tax ID or S.S. No. \_\_\_\_\_

35 \_\_\_\_\_

36 \_\_\_\_\_

37 \_\_\_\_\_

38 \_\_\_\_\_

39 \_\_\_\_\_

40 \_\_\_\_\_

41 \_\_\_\_\_

42 \_\_\_\_\_

ACKNOWLEDGMENTS

Note: The following forms of acknowledgment are the short forms approved by the Uniform Law on Notarial Acts. The validity and effect of these forms in any state will depend upon the statutes of that state.

Individual acknowledgment:

State of \_\_\_\_\_)

)-ss:

County of \_\_\_\_\_)

This instrument was acknowledged before me on

by

(Seal, if any)

Title (and Rank)

My commission expires:

Acknowledgment in representative capacity:

State of \_\_\_\_\_)

)-ss:

County of \_\_\_\_\_)

This instrument was acknowledged before me on

by \_\_\_\_\_ as

of \_\_\_\_\_

(Seal, if any)

Title (and Rank)

My commission expires:



## EXHIBIT "F"

Attached to and made a part of that certain Joint Operating Agreement dated xxx xx, xxxx, by and between Noble Energy, Inc., as Operator, and Noble Energy WyCo, LLC, as Non-Operator.

Unless exempted by Federal law, regulation or order, the following terms and conditions shall apply during the performance of this contract:

### EQUAL OPPORTUNITY CLAUSE

A. During the performance of this contract, the OPERATOR agrees as follows:

- (1) The OPERATOR will not discriminate against any employee or applicant for employment because of race, color, religion, sex or national origin. The OPERATOR will take affirmative action to ensure the 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 by the contracting officer setting forth the provisions of this nondiscrimination clause.
- (2) The OPERATOR will, in all considerations 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 he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer, advising the labor union or workers' representative of the OPERATORS' commitments under Section 202 of Executive Order No. 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 No. 11246 of September 24, 1965, and by the rules, regulations and relevant orders of the Secretary of Labor.
- (5) The OPERATOR will furnish all information and reports required by Executive Order No. 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 his books, records, and accounts, by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- (6) In the event of the OPERATOR's noncompliance with the non-discrimination clauses of this Agreement or with any of such rules, regulations, or orders, this Agreement may be cancelled, terminated or suspended in whole or in part and the OPERATOR may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order No. 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order No. 11246 of September 24, 1965, or by rule, regulation or order of the Secretary of Labor, or as otherwise provided by law.
- (7) The OPERATOR will include the provisions of Paragraphs (1) thru (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 No. 11246 of September 24, 1965, so that such provisions will be binding upon each

subOPERATOR or vendor. The OPERATOR will take such action with respect to any subcontract or purchase order as the contracting agency may direct as a means of enforcing such provisions including sanctions or non-compliance; provided, however, that in the event the OPERATOR becomes involved in, or is threatened with, litigation with a subOPERATOR or vendor as a result of such direction by the contracting agency, the OPERATOR may request the United States to enter into such litigation to protect the interests of the United States.

B. If required to do so by Federal law, regulation, or order, OPERATOR agrees that he shall:

- (1) File with the Office of Federal Contract Compliance or agency designated by it, a complete and accurate report on Standard Form 100 (EEO-1) within 30 days after the signing of this Agreement (unless such a report has been filed in the last 12 months), and continue to file such reports annually, on or before March 31st;
- (2) Develop and maintain a written affirmative action compliance program for much of its establishments in accordance with the regulations of the Secretary of Labor promulgated under Executive Order No. 11246, as amended.

#### CERTIFICATE OF NONSEGREGATED FACILITIES

OPERATOR certifies that he does not maintain or provide for his employees any segregated facilities at any of his establishments, and that he does not and will not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained.

OPERATOR understands that the phrase "segregated facilities" includes facilities which are in fact segregated on a basis of race, color, creed or national origin, because of habit, local custom or otherwise. OPERATOR understands and agrees that maintaining or providing segregated facilities for his employees or permitting his employees to perform their services at any locations, under his control, where segregated facilities are maintained in a violation of the Equal Opportunity Clause required by the Executive Order No. 11246 of September 24, 1965, and the regulations of the Secretary of Labor set out in 41 CFR Chapter 60. OPERATOR further agrees that (except where it has obtained identical certifications from proposed subOPERATORS for specific time periods) it will obtain identical certifications from proposed subOPERATORS prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause; that it will retain such certifications in its files, and that it will forward the following notice to such proposed subOPERATORS (except where the proposed subOPERATORS have submitted identical certifications for specific time periods):

NOTICE TO PROSPECTIVE SUBOPERATORS OF REQUIREMENT FOR CERTIFICATIONS OF NONSEGREGATED FACILITIES: A Certification of Nonsegregated Facilities is required by the May 9, 1967 order on Elimination of Segregated Facilities by the Secretary of Labor (32 F. R. 7439, May 19, 1967), and is required by the regulations of the Secretary of Labor set out in 41 CFR Chapter 60, and as they may be amended, must be submitted prior to the award of a subcontract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity Clause. The certification may be submitted either for each subcontract or for all subcontracts during a period (i.e., quarterly, semi-annually or annually).

**MODEL FORM RECORDING SUPPLEMENT TO  
OPERATING AGREEMENT AND FINANCING STATEMENT**

THIS AGREEMENT, entered into by and between Noble Energy, Inc., hereinafter referred to as "Operator," and the signatory party or parties other than Operator, hereinafter referred to individually as "Non-Operator," and collectively as "Non-Operators."

WHEREAS, the parties to this agreement are owners of Oil and Gas Leases and/or Oil and Gas Interests in the land identified in Exhibit "A" (said land, Leases and Interests being hereinafter called the "Contract Area"), and in any instance in which the Leases or Interests of a party are not of record, the record owner and the party hereto that owns the interest or rights therein are reflected on Exhibit "A";

WHEREAS, the parties hereto have executed an Operating Agreement dated XXXX XX, XXXX (herein the "Operating Agreement"), covering the Contract Area for the purpose of exploring and developing such lands, Leases and Interests for Oil and Gas; and

WHEREAS, the parties hereto have executed this agreement for the purpose of imparting notice to all persons of the rights and obligations of the parties under the Operating Agreement and for the further purpose of perfecting those rights capable of perfection.

NOW, THEREFORE, in consideration of the mutual rights and obligations of the parties hereto, it is agreed as follows:

1. This agreement supplements the Operating Agreement, which Agreement in its entirety is incorporated herein by reference, and all terms used herein shall have the meaning ascribed to them in the Operating Agreement.
2. The parties do hereby agree that:
  - A. The Oil and Gas Leases and/or Oil and Gas Interests of the parties comprising the Contract Area shall be subject to and burdened with the terms and provisions of this agreement and the Operating Agreement, and the parties do hereby commit such Leases and Interests to the performance thereof.
  - B. The exploration and development of the Contract Area for Oil and Gas shall be governed by the terms and provisions of the Operating Agreement, as supplemented by this agreement.
  - C. All costs and liabilities incurred in operations under this agreement and the Operating Agreement shall be borne and paid, and all equipment and materials acquired in operations on the Contract Area shall be owned, by the parties hereto, as provided in the Operating Agreement.
  - D. Regardless of the record title ownership to the Oil and Gas Leases and/or Oil and Gas Interests identified on Exhibit "A," all production of Oil and Gas from the Contract Area shall be owned by the parties as provided in the Operating Agreement; provided nothing contained in this agreement shall be deemed an assignment or cross-assignment of interests covered hereby.
  - E. Each party shall pay or deliver, or cause to be paid or delivered, all burdens on its share of the production from the Contract Area as provided in the Operating Agreement.
  - F. An overriding royalty, production payment, net profits interest or other burden payable out of production hereafter created, assignments of production given as security for the payment of money and those overriding royalties, production payments and other burdens payable out of production heretofore created and defined as Subsequently Created Interests in the Operating Agreement shall be (i) borne solely by the party whose interest is burdened therewith, (ii) subject to suspension if a party is required to assign or relinquish to another party an interest which is subject to such burden, and (iii) subject to the lien and security interest hereinafter provided if the party subject to such burden fails to pay its share of expenses chargeable hereunder and under the Operating Agreement, all upon the terms and provisions and in the times and manner provided by the Operating Agreement.
  - G. The Oil and Gas Leases and/or Oil and Gas Interests which are subject hereto may not be assigned or transferred except in accordance with those terms, provisions and restrictions in the Operating Agreement regulating such transfers.  
  
This agreement and the Operating Agreement shall be binding upon and shall inure to the benefit of the parties hereto, and their respective heirs, devisees, legal representatives, and assigns, and the terms hereof shall be deemed to run with the leases or interests included within the lease Contract Area.
  - H. The parties shall have the right to acquire an interest in renewal, extension and replacement leases, leases proposed to be surrendered, wells proposed to be abandoned, and interests to be relinquished as a result of non-participation in subsequent operations, all in accordance with the terms and provisions of the Operating Agreement.
  - I. The rights and obligations of the parties and the adjustment of interests among them in the event of a failure or loss of title, each party's right to propose operations, obligations with respect to participation in operations on the Contract Area and the consequences of a failure to participate in operations, the rights and obligations of the parties regarding the marketing of production, and the rights and remedies of the parties for failure to comply with financial obligations shall be as provided in the Operating Agreement.
  - J. Each party's interest under this agreement and under the Operating Agreement shall be subject to relinquishment for its failure to participate in subsequent operations and each party's share of production and costs shall be reallocated on the basis of such relinquishment, all upon the terms and provisions provided in the Operating Agreement.
  - K. All other matters with respect to exploration and development of the Contract Area and the ownership and transfer of the Oil and Gas Leases and/or Oil and Gas Interest therein shall be governed by the terms and provisions of the Operating Agreement.
3. The parties hereby grant reciprocal liens and security interests as follows:
  - A. Each party grants to the other parties hereto a lien upon any interest it now owns or hereafter acquires in Oil and Gas Leases and Oil and Gas Interests in the Contract Area, and a security interest and/or purchase money security interest in any interest it now owns or hereafter acquires in the personal property and fixtures on or used or obtained for use in connection therewith, to secure performance of all of its obligations under this agreement and the Operating Agreement including but not limited to payment of expense, interest and fees, the proper disbursement of all monies paid under this agreement and the Operating Agreement, the assignment or relinquishment of interest in Oil and Gas Leases as required under this agreement and the Operating Agreement, and the proper performance of operations under this agreement and the Operating Agreement. Such lien and security interest granted by each party hereto shall include such party's leasehold interests, working interests, operating rights, and royalty and overriding royalty interests in the Contract Area now owned or hereafter acquired and in lands pooled or unitized therewith or otherwise becoming subject to this agreement and the Operating Agreement, the Oil and Gas when extricated therefrom and equipment situated thereon or used or obtained for use in connection therewith (including, without limitation, all wells, tools, and tubular goods), and accounts (including, without limitation, accounts arising from the sale of production at the wellhead), contract rights, inventory and general intangibles relating thereto or arising therefrom, and all proceeds and products of the foregoing.

- B. Each party represents and warrants to the other parties hereto that the lien and security interest granted by such party to the other parties shall be a first and prior lien, and each party hereby agrees to maintain the priority of said lien and security interest against all persons acquiring an interest in Oil and Gas Leases and Interests covered by this agreement and the Operating Agreement by, through or under such party. All parties acquiring an interest in Oil and Gas Leases and Oil and Gas Interests covered by this agreement and the Operating Agreement, whether by assignment, merger, mortgage, operation of law, or otherwise, shall be deemed to have taken subject to the lien and security interest granted by the Operating Agreement and this instrument as to all obligations attributable to such interest under this agreement and the Operating Agreement whether or not such obligations arise before or after such interest is acquired.
  - C. To the extent that the parties have a security interest under the Uniform Commercial Code of the state in which the Contract Area is situated, they shall be entitled to exercise the rights and remedies of a secured party under the Code. The bringing of a suit and the obtaining of judgment by a party for the secured indebtedness shall not be deemed an election of remedies or otherwise affect the lien rights or security interest as security for the payment thereof. In addition, upon default by any party in the payment of its share of expenses, interest or fees, or upon the improper use of funds by the Operator, the other parties shall have the right, without prejudice to other rights or remedies, to collect from the purchaser the proceeds from the sale of such defaulting party's share of Oil and Gas until the amount owed by such party, plus interest, has been received, and shall have the right to offset the amount owed against the proceeds from the sale of such defaulting party's share of Oil and Gas. All purchasers of production may rely on a notification of default from the non-defaulting party or parties stating the amount due as a result of the default, and all parties waive any recourse available against purchasers for releasing production proceeds as provided in this paragraph.
  - D. If any party fails to pay its share of expenses within one hundred-twenty (120) days after rendition of a statement therefor by Operator the non-defaulting parties, including Operator, shall, upon request by Operator, pay the unpaid amount in the proportion that the interest of each such party bears to the interest of all such parties. The amount paid by each party so paying its share of the unpaid amount shall be secured by the liens and security rights described in this paragraph 3 and in the Operating Agreement, and each paying party may independently pursue any remedy available under the Operating Agreement or otherwise.
  - E. If any party does not perform all of its obligations under this agreement or the Operating Agreement, and the failure to perform subjects such party to foreclosure or execution proceedings pursuant to the provisions of this agreement or the Operating Agreement, to the extent allowed by governing law, the defaulting party waives any available right of redemption from and after the date of judgment, any required valuation or appraisal of the mortgaged or secured property prior to sale, any available right to stay execution or to require a marshalling of assets and any required bond in the event a receiver is appointed. In addition, to the extent permitted by applicable law, each party hereby grants to the other parties a power of sale as to any property that is subject to the lien and security rights granted hereunder or under the Operating Agreement, such power to be exercised in the manner provided by applicable law or otherwise in a commercially reasonable manner and upon reasonable notice.
  - F. The lien and security interest granted in this paragraph 3 supplements identical rights granted under the Operating Agreement.
  - G. To the extent permitted by applicable law, Non-Operators agree that Operator may invoke or utilize the mechanics' or materialmen's lien law of the state in which the Contract Area is situated in order to secure the payment to Operator of any sum due under this agreement and the Operating Agreement for services performed or materials supplied by Operator.
  - H. The above described security will be financed at the wellhead of the well or wells located on the Contract Area and this Recording Supplement may be filed in the land records in the County or Parish in which the Contract Area is located, and as a financing statement in all recording offices required under the Uniform Commercial Code or other applicable state statutes to perfect the above-described security interest, and any party hereto may file a continuation statement as necessary under the Uniform Commercial Code, or other state laws.
4. This agreement shall be effective as of the date of the Operating Agreement as above recited. Upon termination of this agreement and the Operating Agreement and the satisfaction of all obligations thereunder, Operator is authorized to file of record in all necessary recording offices a notice of termination, and each party hereto agrees to execute such a notice of termination as to Operator's interest, upon the request of Operator, if Operator has complied with all of its financial obligations.
  5. This agreement and the Operating Agreement shall be binding upon and shall inure to the benefit of the parties hereto and their respective heirs, devisees, legal representatives, successors and assigns. No sale, encumbrance, transfer or other disposition shall be made by any party of any interest in the Leases or Interests subject hereto except as expressly permitted under the Operating Agreement and, if permitted, shall be made expressly subject to this agreement and the Operating Agreement and without prejudice to the rights of the other parties. If the transfer is permitted, the assignee of an ownership interest in any Oil and Gas Lease shall be deemed a party to this agreement and the Operating Agreement as to the interest assigned from and after the effective date of the transfer of ownership; provided, however, that the other parties shall not be required to recognize any such sale, encumbrance, transfer or other disposition for any purpose hereunder until thirty (30) days after they have received a copy of the instrument of transfer or other satisfactory evidence thereof in writing from the transferor or transferee. No assignment or other disposition of interest by a party shall relieve such party of obligations previously incurred by such party under this agreement or the Operating Agreement with respect to the interest transferred, including without limitation the obligation of a party to pay all costs attributable to an operation conducted under this agreement and the Operating Agreement in which such party has agreed to participate prior to making such assignment, and the lien and security interest granted by Article VII.B. of the Operating Agreement and hereby shall continue to burden the interest transferred to secure payment of any such obligations.
  6. In the event of a conflict between the terms and provisions of this agreement and the terms and provisions of the Operating Agreement, then, as between the parties, the terms and provisions of the Operating Agreement shall control.
  7. This agreement shall be binding upon each Non-Operator when this agreement or a counterpart thereof has been executed by such Non-Operator and Operator notwithstanding that this agreement is not then or thereafter executed by all of the parties to which it is tendered or which are listed on Exhibit "A" as owning an interest in the Contract Area or which own, in fact, an interest in the Contract Area. In the event that any provision herein is illegal or unenforceable, the remaining provisions shall not be affected, and shall be enforced as if the illegal or unenforceable provision did not appear herein.
  8. Other provisions. The Operating Agreement contains the rights and remedies of the parties thereto in the event of a default under the terms of the Operating Agreement or a default under any third party obligation, i.e. mortgage, including the preferential right to purchase the defaulting party's interest in the Contract Area prior to foreclosure or an in lien transfer; the right of subrogation; and the right to assume, release or redeem the defaulting party's interest which is subject to a lien or foreclosure action.

In the event of a default by a Non-Operator under any third party obligation, Operator shall be entitled to notice prior to any foreclosure action and an opportunity to cure such default. In the event a foreclosure action is commenced, Operator shall be entitled to notice and due process.

\_\_\_\_\_, who has prepared and circulated this form for execution, represents and warrants that the form was printed from and with the exception(s) listed below, is identical to the AAPL Form 610RS 1989 Model Form Recording Supplement to Operating Agreement and Financing Statement, as published in computerized form by Forms On A Disk, Inc. No changes, alterations, or modifications, other than those made by strikethrough and/or insertion and that are clearly recognizable as changes in Articles \_\_\_\_\_, have been made to the form.

IN WITNESS WHEREOF, this agreement shall be effective as of the xx day of xxxx, xxxx.

## OPERATOR

ATTEST OR WITNESS

Noble Energy, Inc.

By: Joseph H. Lorenzo

Type or Print Name  
Attorney-In-FactTitle:  
Date:  
Address: 1625 Broadway, Suite 2200, Denver, CO 80202

## NON-OPERATORS

ATTEST OR WITNESS

Noble Energy WYCo, LLC

By: Joseph H. Lorenzo

Type or Print Name  
Attorney-In-FactTitle:  
Date:  
Address: 1625 Broadway, Suite 2200, Denver, CO 80202

## ACKNOWLEDGMENTS

## NOTE:

The following forms of acknowledgment are the short forms approved by the Uniform Law on Notarial Acts. The validity and effect of these forms in any state will depend upon the statutes of that state.

## Acknowledgment in Representative Capacity

State of Colorado §

City and § ss.

County of Denver §

This instrument was acknowledged before me on \_\_\_\_\_

by Joseph H. Lorenzo as Attorney-In-Fact of  
Noble Energy, Inc.

(Sent, if any)

Title (and Rank) Notary Public

My commission expires: \_\_\_\_\_

## Acknowledgment in Representative Capacity

State of \_\_\_\_\_ §

§ ss.

County of \_\_\_\_\_ §

This instrument was acknowledged before me on \_\_\_\_\_

by \_\_\_\_\_ as \_\_\_\_\_ of  
 \_\_\_\_\_

(Sent, if any)

Title (and Rank) \_\_\_\_\_

My commission expires: \_\_\_\_\_



**EXHIBIT F**  
**INTERESTED PARTIES**

Noble Energy, Inc.  
1625 Broadway, Suite 2200  
Denver, CO 80202

Weld County, Colorado  
915 10<sup>th</sup> Street  
P.O. Box 758  
Greeley, CO 80632

Noble Energy WyCo, LLC  
Attention: P. David Padgett  
1625 Broadway, Suite 2200  
Denver, CO 80202

Michael Warren, Energy Liaison  
Colorado Parks and Wildlife  
Northwest Regional Office  
711 Independent Avenue  
Grand Junction, CO 81505

David Bauer  
Weld County  
1111 H Street  
Greeley, CO 80632

Kent Kuster  
Oil & Gas Consultant Coordinator  
Colorado Department of  
Public Health & Environment  
4300 Cherry Creek Drive South  
Denver, CO 80246-1530

