



United States Department of the Interior
FEDERAL INDIAN MINERALS OFFICE
BIA-ONRR-BLM
6251 College Boulevard, Suite B
Farmington, New Mexico 87402



IN REPLY REFER TO:
Northwest Lybrook Unit NMNM-133482X

JAN 20 2015

WPX Energy
One Williams Center
Post Office Box 3102
Tulsa, Oklahoma 74172

Dear Sir/Madame:

This letter is a correction to the approved copy of Unit Agreement for the Northwest Lybrook Unit. This Unit has been assigned agreement number NMNM-133482X. The lands committed to this agreement are identified in Exhibit A and B of the subject Unit. The Northwest Lybrook Unit Agreement unitizes rights as to oil and gas producible from only the Mancos Formation. This unit is hereby approved November 20, 2014, but dated effective November 18, 2013.

All wells and facilities under the Northwest Lybrook Unit must bear appropriate signage in accordance with Title 43 of the Code of Federal Regulations, Section 3162.6 (Section 43 CFR 3162.6). Signs shall include the well name and number, Operator Name, Lease Number, Unit Agreement Number, the Quarter-Quarter Section, Section, Township & Range, County, and State.

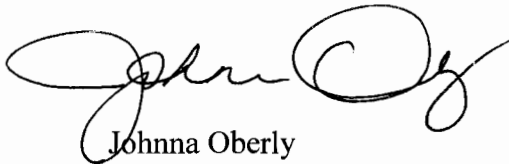
Upon approval of the Northwest Lybrook Unit Agreement, production and royalty reports are due to the Office of the Natural Resources Revenue (ONRR). The submission of for **MMS-4054, Oil and Gas Operations Report (OGOR)**, must begin once drilling is completed. OGORs must be submitted to ONRR by the 15th day of second month following the production month. Royalty payments, along with the form **MMS-2012, Report of Sales and Royalty**

Remittance, are due on or before the last day of the month following the month during which oil or gas was produced and sold.

If the unitized well(s) is producing, any production royalties that are due must be reported and paid within 90 days of the Bureau of Land Management's approval date or the payors will be assessed interest for the late payment under the Federal Oil and Gas Royalty Management Act of 1982 (Section 30 CFR 218.54). If you need assistance or clarification, please contact the ONRR at 1-800-525-9167.

If you have any questions, please contact me at (505) 564-7640.

Sincerely,

A handwritten signature in black ink, appearing to read "Johnna Oberly". The signature is fluid and cursive, with a large initial "J" and "O".

Johnna Oberly
Director

Enclosures

cc: BLM, Farmington District Office
ONRR Royalty Management Program, Box 25165, MS 357B1, Denver, CO 80225-5165
TR-4618-P5 Indian Lease Case File
FIMO (ONRR/BIA) Chrono File

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505
NFO Permit

Form C-129
Revised August 1, 2011
Submit one copy to appropriate
District Office

No. _____
(For Division Use Only)

APPLICATION FOR EXCEPTION TO NO-FLARE RULE 19.15.18.12

(See Rule 19.15.18.12 NMAC and Rule 19.15.7.37 NMAC)

A. Applicant: **WPX Energy Production, LLC**

whose address is: **P.O. Box 640, Aztec, NM 87410,**

hereby requests an exception to Rule 19.15.18.12 until 2/4/15, for the following described tank battery (or LACT):

Name of Lease: **NW LYBROOK UT #143H API-30-045-35474** Name of Pool: **Chaco Unit NE HZ (Oil)**

Location of Battery: Unit Letter P Section 36 Township 24N Range 8W

Number of wells producing into battery 1

B. Based upon oil production of **50** barrels per day, the estimated volume of gas to be flared is **200 MCF/D**; Value: **\$740** per day.

OIL CONS. DIV DIST. 3

C. Name and location of nearest gas gathering facility:

DEC 19 2014

Beeline Gas Systems, Sec 36, T24N, R08W

D. Distance BUILT Estimated cost of connection _____

E. This exception is requested for the following reasons: WPX Energy requests authorization to flare this well due to an expected spike in nitrogen content above acceptable Beeline Gas Systems standards due to nearby frac activity on the NW LYBROOK UT #131H, CHACO 2408-25M #237H, and NW LYBROOK UT #289H scheduled to start on 1/5/14. As a result, the NE CHACO COM #143H may experience crossflow. The well would flare up to 30 days given approval. Pipeline quality gas should be obtained within 30 days of flaring. A gas sample will be collected and sent to a third party for a gas analysis. The results of the gas analysis will be submitted upon receipt.

OPERATOR

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature Mark Heil

Printed Name & Title Mark Heil, Regulatory Specialist

E-mail Address mark.heil@wpxenergy.com

Date: 12/18/14 Telephone No. (505) 333-1806

OIL CONSERVATION DIVISION

Approved Until 2-4-2015

By Charles Lee

Title SUPERVISOR DISTRICT #3

Date DEC 18 2014

* Gas-Oil ratio test may be required to verify estimated gas volume.



United States Department of the Interior



BUREAU OF LAND MANAGEMENT
Farmington District Office
6251 College Blvd. - Suite A
Farmington, New Mexico 87402
www.blm.gov/nm

In Reply Refer To:
3105 (NMF0110)
Northwest Lybrook Unit
NMNM133482X

January 15, 2015

WPX Energy LLC
Attn: Chuck Bassett
P.O. Box 3102
Tulsa, OK 74101-3102

Dear Mr. Bassett:

The Northwest Lybrook Unit, San Juan County, New Mexico was approved on January 14, 2015. This agreement has been assigned case recordation number NMNM133482X. The basin information associated with this unit is as follows:

1. This is an Undivided Unit and only the Mancos formation is unitized.
2. This unit includes Federal, Indian allotted and State of New Mexico mineral estates.
3. The leases committed to the Northwest Lybrook Unit will not be horizontally segregated.
4. The initial obligation well is Chaco 2408-36P #143H, located in the SE/4SE/4 of Section 36, T.24N., R.8W., (SHL) and BHL in N/2S/2, Section 36, T.24N., R.8W., San Juan County, New Mexico.
5. The following Federal lease contains lands both inside and outside the Northwest Lybrook Unit and is subject to segregation provisions pursuant to 43 CFR 3107.3-2, Segregation of leases committed in part:
 - a. NMNM12233 Held By Production (HBP)

The Northwest Lybrook Unit embraces 2,002.58 acres more or less, of which 561.50 acres is Federal Mineral estate (28.04%), 640.00 acres is State of New Mexico lands (31.96%), and 801.08 acres is Indian Allotted lands (40.00%). All lands embraced within the Northwest Lybrook Unit are fully committed.

In view of the foregoing commitment status, effective control of the unit area has been established. We are of the opinion that this agreement is in the public interest and for the purpose of more properly conserving natural resources.

This unit provides for subsequent drilling obligations pursuant to Section 9 of the Unit Agreement and the annual Plan of Development. The obligation well is considered to be a contractual agreement on the part of Unit Operator. Also, a paying well determination will be submitted to the AO and the Land Commissioner to determine if the Obligation Well can be produced in paying quantities.

RECORDED
2015 JAN 17 10:31 AM

Pursuant to 43 CFR 3183.4(b) and Section 9 of the Unit Agreement, if the Public Interest Requirement is not fulfilled, the unit will be declared invalid, ab initio and no lease committed to this agreement shall receive the benefits pursuant to 43 CFR 3107.3-2 and 3107.4.

Approval of the agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject leases which are committed hereto.

Copies of this agreement are being distributed to the appropriate Federal and State agencies. You are requested to furnish all interested parties with appropriate evidence of this approval.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Mankiewicz", with a large, sweeping flourish at the end.

Dave Mankiewicz
Assistant Field Manager, Minerals

Cc: Commission of Public Lands, Santa Fe, NM
New Mexico Oil Conservation Division
Office of Natural Resources Revenue
Farmington Indian Minerals Office

Bcc: Northwest Lybrook Unit File
AFMSS/LR2000
NMF0111:01-14-2015



United States Department of the Interior
FEDERAL INDIAN MINERALS OFFICE
BIA-ONRR-BLM
6251 College Boulevard, Suite B
Farmington, New Mexico 87402



November 20, 2014

IN REPLY REFER TO:
Northwest Lybrook Unit NMNM-133482X

WPX Energy
One Williams Center
P.O. Box 3102
Tulsa, OK 74172

Dear Sir or Madam:

Enclosed is an approved copy of the Unit Agreement for the Northwest Lybrook Unit. This Unit has been assigned agreement Number NMNM-133482X. The lands committed to this agreement are identified in Exhibit A and B of the subject Unit. The Northwest Lybrook Unit Agreement unitizes rights as to oil and gas producible from only the Mancos Formation. This unit is hereby approved and made effective on November 20, 2014.


All wells and facilities under the Northwest Lybrook Unit must bear appropriate signage in accordance with Title 43 of the Code of Federal Regulations, Section 3162.6 (Section 43 CFR 3162.6). Signs shall include the well name and number, operator name, lease number, unit agreement number, the quarter-quarter section, section, township and range, county and state.

Upon approval of the Northwest Lybrook Unit Agreement, production and royalty reports are due to the Office of Natural Resources Revenue (ONRR). The submission of form **MMS-4054, Oil and Gas Operations Report (OGOR)**, must begin once drilling is completed. OGORs must be submitted to ONRR by the 15th day of the second month following the production month. Royalty payments, along with the form **MMS-2014, Report of Sales and Royalty Remittance**, are due on or before the last day of the month following the month during which oil or gas was produced and sold.

If the unitized wells(s) are producing, royalties that are due must be reported and paid with 90 days of the Bureau of Land Management's approval date or the payors will be assessed interest for late payment under the Federal Oil and gas Royalty Management Act of 1982 (Section 30 CFR 218.54). Call ONRR at 1-800-525-9167, if assistance or clarification is needed.

If you have any questions, please contact me at (505) 564-7640.

Sincerely,


Johnna Oberly
Director

Enclosures

cc: BLM, Farmington District Office
ONRR Royalty Mgmt. Prog. Box 25165, MS357B, Denver, CO 80225-5165
TR-4618-P5 Indian Lease Case File
FIMO (ONRR/BIA) Chrono file



United States Department of the Interior
FEDERAL INDIAN MINERALS OFFICE
BIA-ONRR-BLM
6251 College Boulevard, Suite B
Farmington, New Mexico 87402



November 20, 2014

IN REPLY REFER TO:
Northwest Lybrook Unit NMNM-133482X

APPROVAL-CERTIFICATION-DETERMINATION

Pursuant to the authority vested in the Secretary of the Interior under the Allotted Land Leasing Act of March 3, 1909, 35 Stat. 783, 25 U.S. C. 396, as to Allotted Indian lands and delegated to the Director, Federal Indian Minerals Office, we do hereby:

- A. Approve the attached Northwest Lybrook Unit Agreement covering the lands identified in Exhibit A and B of the subject Unit Agreement.
- B. Certify that the Northwest Lybrook Unit unitizes only the Mancos Formation as to oil and natural gas, herein referred to as "unitized substances".
- C. Certify and determine that consummation and approval of the Northwest Lybrook Unit Agreement is considered to be in the best interest of the Indian landowners.
- D. Certify and determine that the drilling, producing, rental and royalty requirements of the Indian leases committed to said Unitization Agreement is hereby established, altered, changed, or revoked to conform with the terms and conditions of this Agreement.



Johnna Oberly, Director

Effective:

November 20, 2014
Date

rec'd
gma
12/10/14

STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION

APPLICATION OF WPX ENERGY PRODUCTION, LLC FOR APPROVAL OF THE NORTHWEST LYBROOK UNIT; CREATION OF A NEW POOL WITHIN THE UNIT; AND FOR ALLOWANCE OF 330 FOOT SETBACKS FROM THE EXTERIOR OF THE UNIT AREA, RIO ARRIBA AND SAN JUAN COUNTIES, NEW MEXICO.

CASE NO. 15201
Order No. R-13921

ORDER OF THE DIVISION

BY THE DIVISION:

This case came on for hearing at 8:15 a.m. on September 18, 2014, at Santa Fe, New Mexico, before Examiner Scott Dawson and legal counsel Gabriel Wade.

NOW, on this 3rd day of November, 2014, the Division Director, having considered the testimony, the record and the recommendations of the Examiner,

FINDS THAT:

1. Due public notice has been given, and the Division has jurisdiction of the subject matter of this case.
2. WPX Energy Production ("Applicant") seeks:
 - a. Approval of the Northwest Lybrook Unit ("the Unit") pursuant to 19.15.20.14 NMAC comprising 2,002 acres, more or less, of Federal, State and Allotted Indian lands in Rio Arriba and San Juan Counties, New Mexico; and
 - b. Creation of a new pool for horizontal oil wells in the Unitized Interval within the Unit; and
 - c. Allowing the completed interval of horizontal oil wells in the Unit to be located no closer than 330 feet to the outer boundary of the Unit.
3. The Unit is composed of the following acreage located in Rio Arriba and San Juan Counties, New Mexico:

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM

Section 25: S/2
Section 35: All
Section 36: All

TOWNSHIP 24 NORTH, RANGE 7 WEST, NMPM

Section 30: W/2 SW/4
Section 31: N/2

4. The Unitized Interval includes all formations from the stratigraphic equivalent of the top of the Mancos formation (base of the Mesa Verde Group) at a measured depth of 4,349 feet to the stratigraphic equivalent of the top of the Greenhorn Limestone formation at a measured depth of 6,098 feet as encountered in the Federal 34-43 well in Section 34, Township 24 North, Range 8 West, NMPM (API No. 30-045-24521).

5. The Unit will be developed and operated as a single Participating Area and will therefore constitute a single Project Area in accordance with 19.15.16.7.L NMAC.

6. The Unit is currently subject to the Lybrook Gallup Oil Pool (42289) and the Special Rules and Regulations for the Basin Mancos Gas Pool (97232) adopted under Order No. R-12984. The Lybrook Gallup Oil Pool is subject to Statewide Rule 19.15.15.9 which requires wells to be located no closer than 330 feet to the outer boundary of a spacing unit. Rule C of the Special Rules for the Basin Mancos Gas Pool require wells to be located no closer than 660 feet to the outer boundary of a spacing unit or, in this case, the outer boundary of the project area.

7. Applicant appeared at the hearing through counsel and presented an expert in petroleum land matters and petroleum geology who provided testimony and evidence that:

a. The Unit is comprised of twelve separate leases of Federal, State and Allotted Indian lands.

b. All interests in the Unit are expected to be committed to the Unit.

c. The Unit Agreement was prepared on the form prescribed by the Bureau of Land Management (BLM), but has been modified in two significant respects:

i. It applies only to horizontal oil wells in the unitized interval; and

ii. The entire Unit is established as a single Participating Area.

d. The Unit Agreement will be executed by the BLM on behalf of the Federal Indians Management Office and the interest owners in the Allotted Indian lands comprising the Unit.

e. The Unit Agreement will also be executed by the Commissioner of Public Lands on behalf of the New Mexico State Land Office.

f. Applicant has discussed the Unit and the Unit development plans with the BLM, the Federal Indian Minerals Office and the New Mexico State Land Office. Following these discussions, the BLM issued a letter, copied to the Federal Indian Minerals Office, providing preliminary approval of the Unit as did the New Mexico State Land Office. See WPX Ex. 3 and 3b.

g. Records at the Federal Indian Minerals Office indicate there are over 200 interest owners in the allotted Indian lands within the Unit. Applicant has provided notice of this application and hearing by certified mail to these interest owners with addresses of record.

h. Applicant has published notice of this application and hearing in the Rio Grande SUN and The Farmington Daily Times, newspapers of general circulation in Rio Arriba and San Juan Counties, for the interest owners of record in the Allotted Indian lands for which no address could be found following diligent efforts.

i. In addition to the newspaper notice referenced above, Applicant has provided notice of this application and hearing by certified mail to all operators, lessees and working interest owners in the offsetting Basin Mancos spacing units surrounding the Unit.

j. The Unit is located within both the Basin Mancos Gas Pool and the Lybrook Gallup Oil Pool. An analysis of the existing pools demonstrates that the technical and reservoir characteristics of the hydrocarbons in each of the existing pools are identical in all respects. The pressure gradients for these pools are generally the same, the fluids are compatible, and the oil API gravity is consistent. Therefore, any well drilled within the Unit will produce from a common source of supply and is essentially one oil pool.

k. There are no fluid-sensitivity issues, no loss of reserves due to cross-flow and the value of the total remaining reserves from these pools will not be reduced by combining the two pools into one pool within the Unit.

l. A new pool for horizontal oil well development within the Unit will resolve administrative and reporting issues.

m. The Unit will be developed to produce oil from the Mancos formation. As a result, Applicant seeks an exception to the Special Rules for the Basin Mancos Gas Pool to allow horizontal oil wells to be located no closer than 330 feet to the outer boundary of the spacing unit, which is the standard setback requirement for oil wells under the Division's statewide rules.

n. No faults, pinch-outs or other geologic impediments exist to prevent the Unitized Interval from being developed by horizontal oil wells.

o. The available well control in the area demonstrates the Unitized Interval identified in the type log is laterally contiguous across the entire Unit.

p. Applicant, therefore, requests the creation of a new pool for horizontal oil wells within the Unit subject to the following:

i. This new oil pool should apply to existing and future horizontal oil wells in the Unitized Interval underlying the Unit.

ii. This new oil pool should be subject to the Division's statewide rules for oil wells.

iii. Horizontal oil wells in the Unitized Interval may be located anywhere within the Unit, so long as no portion of the completed interval is closer than 330 feet to the outer boundary of the Unit.

8. Since the Unit Agreement provides that the entire Unit shall comprise a single Participating Area, the Unit constitutes a single Project Area for horizontal oil wells under 19.15.16.7.L(2) NMAC. Accordingly, internal setbacks requirements within the Unit do not apply to unit wells under the Division's rules.

9. Applicant presented evidence that the proposed Unit is logically subject to exploration and development under a unit plan and that an exception to the well location requirements of the Special Rules for the Basin Mancos Gas Pool is warranted for horizontal oil wells within the Unit.

10. A new oil pool for horizontal oil wells in the Unitized Interval underlying the Unit should be created.

11. Applicant does not oppose operators in offsetting spacing and proration units locating horizontal oil wells in the Unitized Interval no closer than 330 feet to the exterior boundary of the Unit.

12. No party appeared in opposition to the application.

13. The proposed Unit and the request for authority to locate horizontal oil wells within the Unit no closer than 330 feet to the outer boundary of the Unit should be approved.

14. This application should be granted.

IT IS THEREFORE ORDERED THAT:

(1) The unitization of the Northwest Lybrook Unit consisting of 2,002 acres, more or less, of Federal, State, and Allotted Indian lands in Rio Arriba and San Juan Counties, New Mexico, is hereby approved pursuant to 19.15.20.14 NMAC.

(2) The Unit consists of the following lands in Rio Arriba and San Juan Counties, New Mexico:

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM

Section 25: S/2

Section 35: All

Section 36: All

TOWNSHIP 24 NORTH, RANGE 7 WEST, NMPM

Section 30: W/2 SW/4

Section 31: N/2

(3) The Unitized Interval includes all formations from the stratigraphic equivalent of the top of the Mancos formation (base of the Mesa Verde Group) at a measured depth of 4,349 feet to the stratigraphic equivalent of the top of the Greenhorn Limestone formation at a measured depth of 6,098 feet as encountered in the Federal 34-43 well in Section 34, Township 24 North, Range 8 West, NMPM (API No. 30-045-24521) attached as Exhibit C to the proposed Unit Agreement admitted as WPX Exhibit No. 6.

(4) A new oil pool for horizontal oil wells in the Unitized Interval within the Unit is hereby created and named the Northwest Lybrook Unit Hz Oil Pool.

(5) This oil pool shall be limited to the areal extent of the Northwest Lybrook State/Federal/Allottee Exploratory Unit as specifically described in Ordering Paragraph 2 of this Order, and shall not be extended beyond the Unit boundaries.

(6) This new oil pool shall apply to existing and future horizontal oil wells in the Unitized Interval within the Unit.

(7) This new oil pool shall be subject to the Division's statewide rules for oil wells.

(8) Horizontal oil wells can be located anywhere within the Unit, so long as no portion of the completed interval is closer than 330 feet to the outer boundary of the Unit.

(9) All interests in the unit will be committed to the unit.

(10) All existing and future vertical wells in the Mancos formation within the Unit shall remain dedicated and subject to the requirements for the existing Lybrook Gallup Oil Pool and the Basin Mancos Gas Pool, respectively.

(11) The Unit constitutes a single Project Area for horizontal oil well development pursuant to 19.15.16.7.L(2) NMAC and accordingly unit wells may be drilled anywhere within the Unit so long as no portion of the completed interval is closer than 330 feet to the outer boundary of the Unit unless otherwise approved by the Division pursuant to 19.15.15.13 NMAC.

(12) WPX Energy Production, LLC, is designated operator of the Unit and the Project Area.

(13) Applicant will not oppose operators in offsetting spacing and proration units requesting to locate horizontal or vertical oil wells in the Unitized Interval as close as 330 feet to the exterior boundary of the Unit.

(14) If a new pool for horizontal oil well development is formed that encompasses this Northwest Lybrook Unit Hz Oil Pool for horizontal oil well development, the Northwest Lybrook Unit Hz Oil Pool will be incorporated into that new pool and the operator of the Unit and Project Area shall be required to file the necessary forms with the Division to dedicate those wells to the new pool.

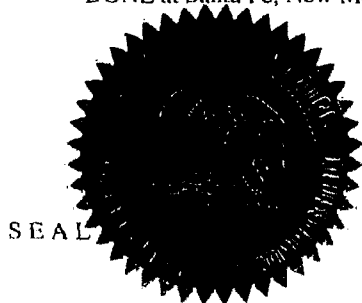
(15) All data regarding well interference concerning setbacks and internal well spacing shall be made available to the Division as soon as available.

(16) This Order shall become effective upon final approval of the proposed Unit Agreement by the New Mexico State Land Office, and the BLM on behalf of the BLM and the Federal Indian Minerals Office. A copy of the executed Unit Agreement shall be provided to the OCD upon final approval.

(17) This Order is binding on all current and future operators of the Project Area and associated Unitization Agreement.

(18) Jurisdiction of this case is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.



SEAL

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

A handwritten signature in cursive script, appearing to read "Jami Bailey".

JAMI BAILEY
Director

**WPX ENERGY PRODUCTION, LLC
NORTHWEST LYBROOK UNIT**

EXHIBIT A: NOTICE OF UNITIZATION

OFFSET OPERATORS

Encana Oil & Gas (USA) Inc.
(Attn: Land Dept.)
370 - 17 Street, Suite 1700
Denver, CO 80202

Dugan Production Corporation
(Attn: Land Dept.)
P.O. Box 420
Farmington, NM 87499-0420

Logos Resources, LLC
(Attn: Jon Akers)
4100 N. Butler Blvd, Bldg 7101
Farmington, NM 87401

Koch Exploration Company, LLC
(Attn: Scott Hamilton)
950 17th Street, Suite 1900
Denver, CO 80202

WORKING INTEREST OWNERS

DJ Simmons Company Limited
Partnership
(Attn: Walter Parks)
1009 Ridgeway Place
Farmington, NM 87401

SFF Production, LLC
P.O. Box 2080
Midland, TX 79701

INDIAN ALLOTTEE MINERAL INTEREST OWNERS

Hubert Chavez
P.O. Box 423
Dulce, NM 87528

Stanford Chavez
P.O. Box 1505
Dulce, NM 87528

Denise R. Chavez
P.O. Box 395
Dulce, NM 87528

Autumn C Inez
P.O. Box 308
Dulce, NM 87528

Landree T. Chavez
P.O. Box 395
Dulce, NM 87528

Daryl K. Chavez
P.O. Box 395
Dulce, NM 87528

Pauline Armenta
P.O. Box 1216
Durango, CO 81302

Conrad J. Martinez
P.O. Box 2350
Aztec, NM 87401

Conrad C. Martinez
30117 Hwy 160 TRLR 11
Durango, CO 81301

**WPX ENERGY PRODUCTION, LLC
NORTHWEST LYBROOK UNIT**

Frances Slim
P.O. Box 415
Nageezi, NM 87037

Henry Chavez
P.O. Box 285
Nageezi, NM 87037

Martha Y. Sylvester Estate
C/O Thomas Sylvester P.O.
Box 636
Dulce, NM 87528

Samuel F. Sandoval
P.O. Box 2826
Shiprock, NM 87420

Joe Harrison SR
P.O. Box 36
Nageezi, NM 87037

Harry J. Harrison
2011 Troy King Rd TRLR 72
Farmington, NM 87401

Ruth I. Boo Estate
P.O. Box 1476
Kayenta, AZ 86033

Harrison Ignacio
P.O. Box 733
Kayenta, AZ 86033

Bessie Ignacio
P.O. Box 2124
Farmington, NM 87499

Steven Ignacio
6410 Tantamount LN
Dayton, OH 45449

Mabel C. Penn
P.O. Box 3833
Farmington, NM 87499

Bert G. Sandoval
P.O. Box 1905
Shiprock, NM 87420

Betsy J. Sandoval
P.O. Box 663
Aberdeen, SD 57402

Nellie Sandoval
2512 N. Mesa DR
Farmington, NM 87401

Leo J. Pacheco SR
P.O. Box 281
Bloomfield, NM 87413

Eva M. Pachaco Kenneth
42 Road 5580
Farmington, NM 87407

Sharon A. Yazzie
P.O. Box 1654
Bloomfield, NM 87413

Betty L. Ayze
P.O. Box 142
Nageezi, NM 87037

Julia Charley
512 W. Blanco BLVD APT 27
Bloomfield, NM 87413

Judy Werito
2427 Jefferson Ave APT C106
Ogden, UT 84401

Betty C. Werito
11001 Bretwood Hills NE
Albuquerque, NM 87112

Clarence Costillo
P.O. Box 404
Nageezi, NM 87037

Freddie P. Castillo
P.O. Box 396
Nageezi, NM 87037

Virginia M. Harkes
P.O. Box 97
Nageezi, NM 87037

Juanita C. Castillo
917 Kent Ave NW Apt B
Albuquerque, NM 87102

William Chavez SR Estate
Box 384
Nageezi, NM 87307

Jessie M. Sam
P.O. Box 212
Counselor, NM 87018

**WPX ENERGY PRODUCTION, LLC
NORTHWEST LYBROOK UNIT**

Charles H. Syvester
P.O. Box 6
Nageezi, NM 87037

Harold Pacheco
P.O. Box 2021
Bloomfield, NM 87413

Ernest Chavez SR
P.O. Box 1342
Bloomfield, NM 87413

Nancy Larvingo
P.O. Box 1241
Bloomfield, NM 87413

Nick Chavez
P.O. Box 1083
Bloomfield, NM 87413

Eunice Chavez
P.O. Box 631
Dulce, NM 87528

Paul Chavez
P.O. Box 631
Dulce, NM 87528

Jimmy N. Chavez
P.O. Box 81584
Albuquerque, NM 87198

Helen C. Vigil
P.O. Box 3
Dulce, NM 87528

Marie C. Herbert
C/O Melvin Herbert P.O. Box
2602
Kirtland, NM 87417

Marsha M. Duncan
P.O. Box 396
Waterflow, NM 87421

Willis W. Trujillo
404 W. Main ST #2
Cortez, CO 81321

Alice W. Benally
P.O. Box 1602
Crownpoint, NM 87313

Bess K. Seschillie
P.O. Box 1797
Crownpoint, NM 87313

John P. Comanche
20 Road 7588
Bloomfield, NM 87413

Steven H. Chavez
P.O. Box 476
Fort Hall, ID 83203

Sarah Yazzie
P.O. Box 1031
Aztec, NM 87410

Roger Ignacio
P.O. Box 1643
Farmington, NM 87499

Annie I. Begay
7513 Seattle Slew DR Apt
1001
Fort Worth, TX 76112

Jerry Vigil
P.O. Box 1836
Farmington, NM 87499

Evelyn Pinto
4307 Topke CT NE
Albuquerque, NM 87109

Sarah S. Castillo
P.O. Box 4894
El Paso, TX 79914

Harrison Lopez
P.O. Box 22
Bloomfield, NM 87413

Leonard H. Lopez
987 E. Nolan PL
Chandler, AZ 85249

Virginia L. Harrison
15345 Hwy 172 Apt F2 #29
Ignacio, CO 81137

Teddy Lopez
P.O. Box 386
Nageezi, NM 87037

Mabel Sanchez
10 Road 3183
Aztec, NM 87410

**WPX ENERGY PRODUCTION, LLC
NORTHWEST LYBROOK UNIT**

Kenneth K. George
P.O. Box 1216
Durango, CO 81302

Vera O'John
P.O. Box 842
Ignacio, CO 81137

Frances Keetso
P.O. Box 24
Counselor, NM 87018

Robert A. Ignacio
P.O. Box 1696
Kayenta, AZ 86033

Louise Woody
P.O. Box BLL - R RTP
Chinle, AZ 86503

Ronald Sandoval
704 N. Vine Ave #1
Farmington, NM 87401

Irene S. Lopez
P.O. Box 107
Nageezi, NM 87037

Bessie Yazzie
525 N. 1st ST TRLR 7
Bloomfield, NM 87413

Julian Sam
P.O. Box 221
Counselor, NM 87018

Freddie Sam JR
P.O. Box 1822
Bloomfield, NM 87413

Joe Blackie Estate
P.O. Box 68
Nageezi, NM 87037

Gilbert R. Sandoval Estate
P.O. Box 3734
Window Rock, AZ 86515

Mike R. Sandoval
P.O. Box 1094
Window Rock, AZ 86515

Kenneth Chavez
P.O. Box 396
Dulce, NM 87528

Harry Chavez
P.O. Box 373
Nageezi, NM 87037

Eleanor B. Johnson
P.O. Box 24
Nageezi, NM 87037

Calvin Chavez
4633 Gila ST TRLR 8
Farmington, NM 87402

Verna Martinez
P.O. Box 26
Nageezi, NM 87037

Laverta Martinez
1300 New Hampshire ST Lot
63
Rock Springs, WY 82901

Irvin Sam
434 N. 3rd ST
Bloomfield, NM 87413

Harry Sanchez
P.O. Box 234
Nageezi, NM 87037

Calvin Martinez
P.O. Box 1812
Dulce, NM 87528

Kenneth White
9202 N. 19th AVE APT 264
Phoenix, AZ 85021

Regina A. Jackson
P.O. Box 1424
Window Rock, AZ 86515

Annie Chiquito
P.O. Box 2264
Bloomfield, NM 87413

Gary M. Sandoval
P.O. Box 3788
Tuba City, AZ 86045

Jessie Ranck
7305 Catbrier CT
Fort Worth, TX 76137

**WPX ENERGY PRODUCTION, LLC
NORTHWEST LYBROOK UNIT**

Wilbert L. Trujillo
P.O. Box 602
Aztec, NM 87410

Renee Sanchez
P.O. Box 1644
Cortez, CO 81321

Ozzie Trujillo
653 N 400 E
Price, UT 84501

Anna M. Chavez
P.O. Box 3551
Shiprock, NM 87420

Henry Frank
P.O. Box 192
Nageezi, NM 87037

Ronnie Martinez
P.O. Box 637
Ignacio, CO 81137

Wesley Trujillo
P.O. Box 1686
Wheat Ridge, CO 80034

Anna C. Martinez
P.O. Box 1411
Cuba, NM 87013

Betty W. Lafontaine
1706 Patricia LN
Orange Park, FL 32073

Gloria Price
P.O. Box 1851
Page, AZ 86040

Joan E. Chavez
P.O. Box 1133
Waterflow, NM 87421

Evelyn C. Lopez
P.O. Box 1411
Cuba, NM 87013

Jonathan P. Lewis
P.O. Box 111
San Ysidro, NM 87053

Urania C. Antonio
P.O. Box 1541
Fruitland, NM 87416

Melvin Sam
#14 County Road 4903
Bloomfield, NM 87413

Harry Vigil
P.O. Box 6805
Farmington, NM 87499

Joanne Ignacio
P.O. Box 813
Sanders, AZ 86512

Janine L. Garcia
2705 White Oak DR
Plano, TX 75074

Phoebe A. Curtis
P.O. Box 1533
Kirtland, NM 87417

Osmund Sam
P.O. Box 234
Nageezi, NM 87037

Bernice Boone
P.O. Box 3824
Window Rock, AZ 86515

Brenda White
P.O. Box 414
Crownpoint, NM 87313

Maxine Larvingo
P.O. Box 2026
Bloomfield, NM 87413

Susie Ignacio
2309 Honey Creek LN
Arlington, TX 76006

Michael J. Kelly
5582 Clay RD
Spencer, WV 25276

Raymond JR N. White
P.O. Box 1913
Crownpoint, NM 87313

Patrick J. Sandoval
P.O. Box 224
Ganado, AZ 86505

**WPX ENERGY PRODUCTION, LLC
NORTHWEST LYBROOK UNIT**

Thomas Sylvester
P.O. Box 3397
Farmington, NM 87499

Alvin Garcia
P.O. Box 512
Bloomfield, NM 87413

Elvis Garcia
P.O. Box 181
Bloomfield, NM 87413

Laverna Martinez
4515 Arrowhead Ridge DR SE
APT
Rio Rancho, NM 87124

Rollen Martinez
C/O Julia Comanche P.O. Box
1358
Cuba, NM 87013

Eddie Garcia JR.
P.O. Box 1424
Bloomfield, NM 87413

Phoebe Anderson
P.O. Box 1782
Bloomfield, NM 87413

Kee Vigil
County RD 5109 #8
Bloomfield, NM 87413

Nasban Sam
P.O. Box 212
Counselor, NM 87018

Debra A. Kessler
233 Viro Cir.
Gallup, NM 87301

Lucinda Chavez
1119 James Circle Space 16
Bloomfield, NM 87413

Darrell Chavez
525 N. 1st ST TRLR 36
Bloomfield, NM 87413

Henderson Chavez
P.O. Box 17
Nageezi, NM 87037

Sandy M. Hernandez
309 N. 3rd ST SPC 36
Bloomfield, NM 87413

Reynel Chavez
P.O. Box 1622
Kirtland, NM 87417

Dechelle L. Henry
P.O. Box 1152
Bloomfield, NM 87413

Julian R. Sandoval
3715 W. 1st ST APT 510
Los Angeles, CA 90004

Cheryl Lynn Rarrick
28 RD 3142
Aztec, NM 87410

Gerald A. Dietrich JR
986 N. Stolle Way
Meridian, ID 83642

April J. Brown
3903 Wellington ST
Farmington, NM 87402

Marc K. Sandoval
950 Woodland AVE SPC 118
Ojai, CA 93023

Johnny R. Ignacio
2111 Broadway BLVD NE
Albuquerque, NM 87102

Theresa A. Morgan
P.O. Box 864
Crownpoint, NM 87313

Vincent D. Sylvester
P.O. Box 1654
Bloomfield, NM 87413

Vinston D. Sylvester
1309 Griffin Ave APT 10
Farmington, NM 87401

Adrian M. Chavez
1119 James Circle SP 16
Bloomfield, NM 87413

Terry L. Lewis
P.O. Box 318
Fort Defiance, AZ 86504

**WPX ENERGY PRODUCTION, LLC
NORTHWEST LYBROOK UNIT**

Moana M. Leonard
P.O. Box 2932
Kirtland, NM 87417

Eric N. Sandoval
2512 N. Mesa DR
Farmington, NM 87401

Michelle L. Sandoval
1226 Prairie AVE
Lawrence, KS 66044

Melissa M. Thomas
2403 N. Gonzales ST
Las Vegas, NM 87701

Michael Thomas JR
1322 4th ST APT 2
Las Vegas, NM 87701

Sebrana L. Garcia
600 W. Blanco BLVD APT 40
Bloomfield, NM 87413

Carol L. Ohse
4640 Oak Hill RD
Stockport, OH 43787

John L. Pierson
72 Caldwell DR
Looneyville, WV 25259

Dave L. Nez
1765 W. Summer Dawn DR
Tucson, AZ 85746

Georgie Ann George
P.O. Box 993
Ravenswood, WV 26164

Erin White
2834 S. Extension RD Unit
2069
Mesa, AZ 85210

Conrad J. Martinez
P.O. Box 512
Bloomfield, NM 87413

Larry M. Thompson JR
P.O. Box 1031
Aztec, NM 87410

Tamera A. Brambila
435 Jefferson ST
American Falls, ID 83211

Conrad C. Martinez
30117 Hwy 160 TRLR 11
Durango, CO 81301

Jerad I. Laughlin
P.O. Box 963
Fort Defiance, AZ 86504

Julian K. Laughlin
P.O. Box 1184
Fort Defiance, AZ 86504

Victoria C. Sandoval
1811 E. 11th ST
Farmington, NM 87401

Katherine A. Sandoval
2808 Parque De Oeste Dr Apt 4
Farmington, NM 87401

Robert H. Sandoval
10250 Hasket Ave
Granada Hill, CA 91344

Mike R. Sandoval
P.O. Box 1094
Window Rock, AZ 86515

Jeannie I. Sandoval
48 County Road 11
Española, NM 87532

Sharon L. Sandoval
P.O. Box 1483
Tuba City, AZ 86045

Maxine D. Sandoval
P.O. Box 924
Tuba City, AZ 86045

Jerrod M. Sandoval
3424 S. 3rd Ave Apt. 4
Phoenix, AZ 85041

Karen M. Sandoval
5250 North Highway 89 #121
Flagstaff, AZ 86004

Trina K. Sandoval
5250 North Highway 89 #121
Flagstaff, AZ 86004

**WPX ENERGY PRODUCTION, LLC
NORTHWEST LYBROOK UNIT**

Daniel Sandoval II
P.O. Box 417
Fort Washakie, WY 82514

Willard V. Sandoval
11811 East 11th ST
Farmington, NM 87401

Michael J. Kelly
5582 Clay RD
Spencer, WV 25276

Patrick J. Sandoval
P.O. Box 224
Ganado, AZ 86505

Maurice W. Sandoval
1811 E. 11th ST
Farmington, NM 87401

Michael W. Sandoval II
5003 Largo ST
Farmington, NM 87402

Christopher B. Sandoval
5003 B. Sandoval
Farmington, NM 87402

Michelle L. Sandoval
1226 Prairie Ave
Lawrence, KS 66044

Janelle K. Laughlin
9677 Eagle Ranch RD NW
APT 27
Albuquerque, NM 87114

Tommie Largo, Sr.
P.O. Box 130
Nageezi, NM 87037

Helen Commanche a/k/a Helen
G. Commanche (aka Mary
Helen Commanche)
P.O. Box 37
Nageezi, NM 87037

Tom Commanche a/k/a Tomy
Commanche (aka Tom
Comanche)
P.O. Box 91
Nageezi, NM 87037

Mabel Commanche a/k/a Mabel
C. Senger
916 S. 9th St.
Salina, KS 67401

Lily Commanche (aka Lilly
Commanche)
HC 17, Box 1999
Cuba, NM 87013

Cora Charley
P.O. Box 1414
Bloomfield, NM 87413

Roger Largo
HC 17, Box 405
Cuba, NM 87013

Lucy Largo
P.O. Box 428
Nageezi, NM 87037

Raymond Largo, Sr.
P.O. Box 441
Jemez Pueblo, NM 87024

Jim Carol
P.O. Box 1203
Cuba, NM 87013

Steven Largo
P.O. Box 168
Nageezi, NM 87037

Susan Harrison
P.O. Box 714
Fruitland, NM 87416

Elvira Largo
P.O. Box 698
Dulce, NM 87528

Danny Largo
P.O. Box 130
Nageezi, NM 87037

Dolly Commanche
P.O. Box 464
Nageezi, NM 87037

Delora A. Hesuse
P.O. Box 191
Nageezi, NM 87037

Ophelia Castiano
P.O. Box 445
Nageezi, NM 87037

Martin Largo, Sr.
P.O. Box 1565
Bloomfield, NM 87413

**WPX ENERGY PRODUCTION, LLC
NORTHWEST LYBROOK UNIT**

Werline Herrera
P.O. Box 233
Nageezi, NM 87037

Corlina Largo a/k/a Corlina L.
Escobedo
15 Road 4906
Bloomfield, NM 87413

Tommy Largo, Jr.
P.O. Box 130
Nageezi, NM 87037

Yolanda Hernandez
1941 Highland Ave.
Salina, KS 67401

John Junior Commanche aka
John Jr. Commanche
P.O. Box 37
Nageezi, NM 87037

Jonathan Commanche
P.O. Box 201
Nageezi, NM 87037

Julia T. Commanche a/k/a Julia
Commanche
P.O. Box 1358
Cuba, New Mexico 87013

Sylvia C. Castillo (aka Werline
A. Herrera)
929 Ortiz Drive SE
Albuquerque, NM 87037

Sophie Chavez a/k/a Sophie C.
Sandoval (aka Sophie
Sandoval)
574 Dolores Drive NW
Albuquerque, NM 87105

Cheryle Chavez a/k/a Cheryl
Chavez
P.O. Box 1623
Cuba, NM 87013

EXHIBIT B: UNIT ACREAGE

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM

Section 25: S/2
Section 35: All
Section 36: All

TOWNSHIP 24 NORTH, RANGE 7 WEST, NMPM

Section 30: W/2SW/4
Section 31: N/2

**LEGAL NOTICE
(NOTE: ALL LAND
DESCRIPTIONS
HEREIN REFER TO
THE NEW MEXICO
PRINCIPAL MERIDIAN
WHETHER OR NOT
SO STATED.)
TO: AFFECTED
PARTIES.**

Oil and Gas Mining Leases were recently issued to WPX Energy, Inc. ("WPX") for oil and gas minerals underlying Allotments in the N/2 and SW/4 of Section 35 and the SE/4 of Section 25 Township 24 North, Range 8 West, N.M.P.M., San Juan County, and the NW/4 of Section 31, in Township 24 North, Range 7 West, N.M.P.M., Rio Arriba County, New Mexico. WPX is now proceeding with plans for a drilling program in this area pursuant to a Unitization Agreement which includes your acreage. In accordance with 25 CFR 212.28(d) WPX, as Operator and Lessee, hereby provides notice of the commitment of your Allotted Indian Land Oil and Gas Mining Lease to the Northwest Lybrook Unit Agreement. If you have any questions about this agreement, please contact Chuck Bassett, P.O. Box 3102 MD:44, Tulsa, OK 74101-3102, (539) 573-6576, Chuck.Bassett@wpx-energy.com. (Published December 18, 2014)

P

Bill

52
li

t \$ 36.40

s at _____

ivit \$ 5.00

ital \$ 41.40

x \$ 3.54

otal \$ 44.94

Affidavit of Publication

State of New Mexico
County of Rio Arriba

I, Robert Trapp, being first duly sworn, declare and say I am the publisher of the Rio Grande SUN, a weekly newspaper published in the English language and having a general circulation in the County of Rio Arriba, State of New Mexico, and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 of the Session Laws of 1937. The publication, a copy of which is hereto attached, was published in said paper once each week for

1 consecutive weeks and on the same day of each week in the regular issue of the paper during the time of publication and the notice was published in the newspaper proper, and not in any supplement. The first publication being on the 18 day of December, 2014 and the last publication on the 18 day of December, 2014 payment for said advertisement has been duly made, or assessed as court costs. The undersigned has personal knowledge of the matters and things set forth in this affidavit.

Robert Trapp
Publisher

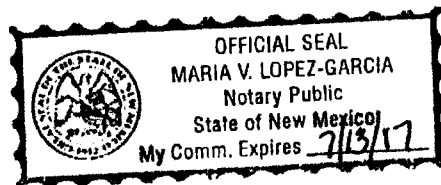
Subscribed and sworn to before me this 18 day of Dec. A.D. 2014

Payment received at Rio Grande SUN

Date December 16, 2014

Maria V. Lopez-Garcia
Maria V. Lopez-Garcia Notary Public
My commission expires 13 July 2017

By Valerie Outeg



COPY OF PUBLICATION

AFFIDAVIT OF PUBLICATION

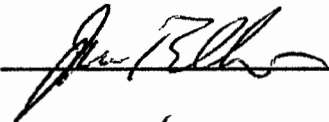
Ad No. 70997

**STATE OF NEW MEXICO
County of San Juan:**

JOHN ELCHERT, being duly sworn says:
That HE is the PUBLISHER of THE DAILY
TIMES, a daily newspaper of general
circulation published in English at Farmington,
said county and state, and that the hereto
attached Legal Notice was published in a
regular and entire issue of the said DAILY
TIMES, a daily newspaper duly qualified for
the purpose within the meaning of Chapter
167 of the 1937 Session Laws of the State of
New Mexico for publication and appeared in
the Internet at The Daily Times web site on
the following day(s):

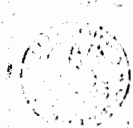
Friday, December 19, 2014

And the cost of the publication is \$66.46



ON 12/23/14 JOHN ELCHERT
appeared before me, whom I know personally
to be the person who signed the above
document.

Christine Sellers


CHRISTINE SELLERS
Notary Public
State of New Mexico
My Comm. Expires 11/05/15

Legal Notice
(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

To: AFFECTED PARTIES.

Oil and Gas Mining Leases were recently issued to WPX Energy, Inc. ("WPX") for oil and gas minerals underlying Allotments in the N/2 and SW/4 of Section 35 and the SE/4 of Section 25 Township 24 North, Range 8 West, N.M.P.M., San Juan County, and the NW/4 of Section 31 in Township 24 North, Range 7 West, N.M.P.M., Rio Arriba County, New Mexico. WPX is now proceeding with plans for a drilling program in this area pursuant to a Unitization Agreement which includes your acreage. In accordance with 25 CFR 212.28(d) WPX, as Op-

erator and Lessee, hereby provides notice of the commitment of your Allotted Indian Land Oil and Gas Mining Lease to the Northwest Lybrook Unit Agreement. If you have any questions about this agreement, please contact Chuck Bassett, P.O. Box 3102 MD:44, Tulsa, OK 74101-3102, (539) 573-6576, Chuck.Bassett@wpxenergy.com.

Legal No. 70997 published in The Daily Times on Dec 19, 2014

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

**ASSIGNMENT OF RECORD TITLE INTEREST IN A
LEASE FOR OIL AND GAS OR GEOTHERMAL RESOURCES**

Mineral Leasing Act of 1920 (30 U.S.C. 181 et seq.)
Act for Acquired Lands of 1947 (30 U.S.C. 351-359)
Geothermal Steam Act of 1970 (30 U.S.C. 1001-1025)
Department of the Interior Appropriations Act, Fiscal Year 1981 (42 U.S.C. 6508)

FORM APPROVED
OMB NO. 1004-0034
Expires: July 31, 2015

Lease Serial No.
NM14095

Lease Effective Date
(Anniversary Date)
August 1, 1971

New Serial No.

Type or print plainly in ink and sign in ink.

PART A: ASSIGNMENT

1. Assignee* WPX Energy Production, LLC
Street P.O. Box 1302, MD:44
City, State, Zip Code Tulsa, OK, 74101-1302

1a. Assignor Pioneer Natural Resources USA, Inc.

*If more than one assignee, check here and list the name(s) and address(es) of all additional assignees on page 2 of this form or on a separate attached sheet of paper.

This record title assignment is for: (Check one) Oil and Gas Lease, or Geothermal Lease

Interest conveyed: (Check one or both, as appropriate) Record Title, Overriding Royalty, payment out of production or other similar interests or payments

2. This assignment conveys the following interest:

Land Description <small>Additional space of page 2, if needed. Do not submit documents or agreements other than this form, such documents or agreements shall only be referenced herein.</small>	Percent of Interest			Percent of Overriding Royalty Similar Interests	
	Owned	Conveyed	Retained	Reserved	Previously reserved or conveyed
	a	b	c	d	e
Township 24 North, Range 8 West, NMPM Section 35: SE/4 San Juan County, New Mexico	39.8900%	39.8900%	0.00%	None	of record

FOR BLM USE ONLY – DO NOT WRITE BELOW THIS LINE
UNITED STATES OF AMERICA

This assignment is approved solely for administrative purposes. Approval does not warrant that either party to this assignment holds legal or equitable title to this lease.

Assignment approved for above described lands;

Assignment approved for attached land description

Assignment approved effective _____

Assignment approved for land description indicated on reverse of this form

By _____
Bureau of Land Management (BLM) (Title) (Date)

Part A (Continued) ADDITIONAL SPACE for Names and addresses of additional assignees in Item No. 1, if needed, or for Land Description in Item 2, if needed.

PART B – CERTIFICATION AND REQUEST FOR APPROVAL

1. The Assignor certifies as owner of an interest in the above designated lease that he/she hereby assigns to the above assignee(s) the rights specified above.
2. Assignee certifies as follows: (a) Assignee is a citizen of the United States; as association of such citizens; a municipality; or a corporation organized under the laws of the United States or of any State or territory thereof. For the assignment of NPR-A leases, assignee is a citizen, national, or resident alien of the United States or associations of such citizens, nationals, resident aliens or private, public or municipal corporations; (b) Assignee is not considered a minor under the laws of the State in which the lands covered by this assignment are located; (c) Assignee's chargeable interests, direct and indirect, in each public domain and acquired lands separately in the same State, do not exceed 246,080 acres in oil and gas leases (of which up to 200,000 acres may be in oil and gas options), or 300,000 acres in leases in each leasing District in Alaska of which up to 200,000 acres may be in options, if this is an oil and gas lease issued in accordance with the Minerals Leasing Act of 1920, or 51,200 acres in any one State if this is a geothermal lease; (d) All parties holding an interest in the assignment are otherwise in compliance with the regulations (43 CFR Group 3100 or 3200) and the authorizing Acts; (e) Assignee is in compliance with reclamation requirements for all Federal oil and gas lease holdings as required by sec. 17(g) of the Mineral Leasing Act; and (f) Assignee is not in violation of sec. 41 of the Mineral Leasing Act.
3. Assignee's signature to this assignment constitutes acceptance of all applicable terms, conditions, stipulations and restrictions pertaining to the lease described herein.

For geothermal assignments, an overriding royalty may not be less than one-fourth (1/4) of one percent of the value of output, nor greater than 50 percent of the rate of royalty due to the United States when this assignment is added to all previously created overriding royalties (43 CFR 3241).

I certify that the statements made herein by me are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

Executed this 17 day of December 2014 Executed this 17 day of December 2014

Name of Assignor as shown on current lease Pioneer Natural Resources USA, Inc.
(Please type or print)

Assignor _____ (Signature) Assignee _____ (Signature)

or _____ (Title) or _____ (Title)

Attorney-in-fact Billy Brunson RS Attorney-in-fact Thomas E. Black CS
(Signature) (Signature)

1401 - 17th Street, Suite 1200
(Assignor's Address)

Denver Colorado 80202
(City) (State) (Zip Code)

Title U.S.C. Sec. 1001 makes it a crime for any person knowingly and willfully to make to any Department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

PART C – GENERAL INSTRUCTIONS

1. Assignor/Assignee must complete Parts A1 and A2 and Part B. All parties to assignment must sign as follows. The assignor(s) must manually sign 3 original copies and the assignee(s) must manually sign at least 1 of the 3 original copies. File three (3) completed copies of this form in the proper BLM office for each assignment of record title. For a transfer of overriding royalty interest, payment out of production or other similar interest or payment, file one (1) manually signed copy of this form. The required filing fee (nonrefundable) must accompany the assignment. File assignment within ninety (90) days after date of execution of assignor.
2. Separate form must be used for each lease being affected by this assignment and for each type of interest conveyed.
3. In Item No. 2 of Part A, describe lands affected (See 43 CFR 3106, 3135 or 3241). For columns b, c, d, and e, enter the interest expressed as a percentage of total interest in the lease, e.g., if assign or assigns one quarter of a 20% interest, enter 20% in column b, 5% in column c, and 15% in column d.
4. If assignment is to more than one assignee, enter each assignee's name across columns d, e, and f next to the respective interest being conveyed. Also, list names and addresses of any additional assignee(s) on reverse of this form or on a separate attached sheet of paper.
5. If any payment out of production or similar interest, arrangements or payments have previously been created out of the interest being assigned, or if any such payments or interests are reserved under this assignment, include a statement giving full details as to amount, method of payment, and other pertinent terms as provided under 43 CFR 3106, 3135, or 3241.
6. The lease account must be in good standing before this assignment can be approved as provided under 43 CFR 3106 and 3241.
7. Assignment, if approved, takes effect on the first day of the month following the date of filing in the proper BLM office. If a bond is necessary it must be furnished prior to approval of the assignment.
8. Approval of assignment of record title to 100% of a portion of the leased lands creates separate leases of the retained and the assigned portions, but does not change the terms and conditions of the lease anniversary date for purposes of payment of annual rental.
9. Overriding royalty, payment out of production or other similar types of transfers must be filed with BLM, but will be accepted for record purpose only. No official approval will be given.

NOTICES

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by oil and gas/geothermal lease record title assignment application.

AUTHORITY: 30 U.S.C. 181 et seq.; 30 U.S.C. 1001-1025; 42 U.S.C. 6508

PRINCIPAL PURPOSE: The information is to be used to process record title assignments for oil and gas/geothermal resources leases.

ROUTINE USES: (1) The adjudication of the assignee's rights to the land or resources. (2) Documentation for public information in support of notations made on land status, records for the management, disposal, and use of public lands and resource. (3) Transfer to appropriate Federal agencies when concurrence is required prior to granting a right in public lands or resources. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: If all requested information is not provided, the assignment may not be approved. See regulations at 43 CFR Groups 3100 and 3200.

The Paperwork Reduction Act of 1995 requires us to inform you that:

BLM collects this information to create and maintain a record of oil and gas/geothermal lease activity.

This information will be used to create and maintain a record of oil and gas/geothermal lease activity.

Response to this request is required to obtain benefit.

BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 30 minutes per response including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0034), Bureau Information Collection Clearance Officer (WO-630), 1849 C Street, N.W., Room 2134LM, Washington, D. C. 20240.

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Northwest Lybrook Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, dated November 18, 2013, in form approved on behalf of the Secretary of the Interior, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement

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

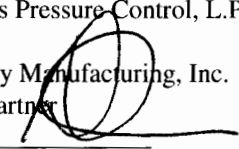
This Ratification and Joinder of Unit Agreement, shall be binding upon the undersigned, his, her or its heirs, devisees, executors, assigns or successors in interest.

If any Party to the Unit Agreement currently owns either no interest, or only an overriding royalty interest in, the communitized area, or said formation, or those lands covered by leases described on Exhibit "B", then such Party shall have no obligations whatsoever, whether monetary or otherwise, to the other Parties or to the Operator, at any time or in the future.

EXECUTED this 16th day of DECEMBER, 2014.

GE Oil & Gas Pressure Control, L.P.

By GE Energy Manufacturing, Inc.
Its General Partner



Philip Mason
Vice President
GE Energy Manufacturing, Inc.

GE Oil & Gas Pressure Control, L.P.

Address: 4424 West Sam Houston Pkwy N.
Suite 100
Houston, TX 77041

CORPORATE ACKNOWLEDGEMENT

STATE OF Texas)
) ss
COUNTY OF HARRIS)

The foregoing instrument was acknowledged before me this 16th day of December, 2014, by Philip Mason, as VPOF GE Oil & Gas, on behalf of the corporation.

Energy Manufacturing, Inc Martha J. Davis

Notary Public

My Commission Expires: 10-02-16

INDIVIDUAL ACKNOWLEDGEMENT

STATE OF Texas)
) ss
COUNTY OF Harris)

The foregoing instrument was acknowledged before me this 16th day of December,
2014, by Philip Mason

March L. Davis

Notary Public

My Commission Expires: 10-02-16

STATE/FEDERAL/ALLOTTEE
EXPLORATORY UNIT

UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION
OF THE

NORTHWEST LYBROOK UNIT AREA

RIO ARRIBA AND SAN JUAN COUNTIES, NEW MEXICO

NO. **NMNM133482X** _____

UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION
OF THE

NORTHWEST LYBROOK UNIT AREA
COUNTIES OF SAN JUAN AND RIO ARRIBA

STATE OF NEW MEXICO
NO. **MINI 33482 X**

TABLE OF CONTENTS

	Page
1. ENABLING ACT AND REGULATIONS.....	1
2. UNIT AREA	1
3. UNITIZED LAND AND UNITIZED SUBSTANCES.....	2
4. UNIT OPERATOR.....	2
5. RESIGNATION OR REMOVAL OF UNIT OPERATOR.....	2
6. SUCCESSOR UNIT OPERATOR.....	2
7. ACCOUNTING PROVISIONS AND UNIT OPERATING AGREEMENT.....	2
8. RIGHTS AND OBLIGATIONS OF UNIT OPERATOR.....	2
9. DRILLING TO DISCOVERY.....	3
10. PLAN OF FURTHER DEVELOPMENT AND OPERATION	3
11. ALLOCATION OF PRODUCTION	3
12. ROYALTY SETTLEMENT.....	4
13. RENTAL SETTLEMENT.....	4
14. CONSERVATION	4
15. DRAINAGE.....	4
16. LEASES AND CONTRACTS CONFORMED AND EXTENDED.....	4
17. COVENANTS RUN WITH LAND.....	5
18. EFFECTIVE DATE AND TERM.....	5
19. RATE OF PROSPECTING, DEVELOPMENT, AND PRODUCTION	5
20. APPEARANCES.....	5
21. NOTICES.....	6
22. NO WAIVER OF CERTAIN RIGHTS.....	6
23. UNAVOIDABLE DELAY	6
24. NONDISCRIMINATION.....	6
25. LOSS OF TITLE.....	6
26. NON-JOINDER AND SUBSEQUENT JOINDER.....	6
27. COUNTERPARTS.....	6
28. SURRENDER.....	6
29. TAXES.....	7
30. NO PARTNERSHIP.....	7
31. SURFACE AND ENVIRONMENTAL PROTECTION STIPULATIONS.....	7

RATIFICATION AND JOINDER OF UNIT AGREEMENT AND UNIT OPERATING
AGREEMENT..... 9

EXHIBIT "A". MAP OF UNIT AREA

EXHIBIT "B". SCHEDULE OF OWNERSHIP

EXHIBIT "C". NORTHWEST LYBROOK STRATIGRAPHIC TYPE LOG

UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION
OF THE

NORTHWEST LYBROOK UNIT AREA

COUNTIES OF RIO ARRIBA AND SAN JUAN

STATE OF NEW MEXICO
NO. **NMNM133482X**

THIS AGREEMENT, entered into as of the 18th day of November, 2013, by and between the parties subscribing, ratifying, or consenting hereto, and herein referred to as the "parties hereto",

THIS AGREEMENT, is limited in applicability to wells containing a lateral or laterals drilled, completed or recompleted so that horizontal component of the completion interval extends at least one hundred feet (100') in the objective formation ("Horizontal Well(s)"). All pre-existing and future vertical wells within the Unit boundary drilled and completed in the Mancos Shale Group (see 3. UNITIZED LAND AND UNITIZED SUBSTANCES) are excluded from this Agreement.

WITNESSETH:

WHEREAS, the parties hereto are the owners of working, royalty or other oil and gas interests in the unit area subject to this agreement; and

WHEREAS, the Mineral Leasing Act of February 25, 1920, 41 Statute 437, as amended 30 U.S.C. Section 181 et. seq., authorizes Federal lessees and their representatives to unite with each other, or jointly or separately with others, in collectively adopting and operating a unit plan of development or operations of any oil and gas pool, field, or like area, or any part thereof for the purpose of more properly conserving the natural resources thereof whenever determined and certified by the Secretary of the Interior to be necessary or advisable in the public interest; and

WHEREAS, the Act of March 3, 1909, (35 Stat. 783) as amended by the act of August 9, 1955, (69 Stat. 540), the Act of May 11, 1938, (52 Stat. 347 as amended, 25 U.S.C., Sec. 396a-g), Act of August 4, 1947, (61 Stat. 732), Indian Mineral Development Act of 1982 (25 U.S.C. 2101-2108), provides that all operations under any oil and gas lease on tribal and/or allotted Indian lands shall be subject to the rules and regulations of the Secretary of the Interior, and regulations issued pursuant to said statute provide that, in the exercise of his judgment, the Secretary may take into consideration, among other things, the Federal laws, state laws or regulations by competent Federal or State authorities or lawful agreements among operators regulating either drilling or production or both (25 C.F.R. Sec. 211.28 and 212.28); and,

WHEREAS, the Commissioner of Public Lands of the State of New Mexico is authorized by an Act of the Legislature (Section 19-10-45, 46, 47 NM Statutes 1978 Annotated) to consent to or approve this agreement on behalf of the State of New Mexico, insofar as it covers and includes lands and mineral interest of the State of New Mexico; and

WHEREAS, the Oil Conservation Division of the New Mexico Energy and Minerals Department, hereinafter referred to as "Division", is authorized by an act of the Legislature (Chapter 70 and 71, NM Statutes 1978 Annotated) to approve this agreement and the conservation provisions hereof; and

WHEREAS, the parties hereto hold sufficient interests in the Northwest Lybrook Unit Area covering the land hereinafter described to give reasonably effective control of operations therein; and

WHEREAS, it is the purpose of the parties hereto to conserve natural resources, prevent waste, and secure other benefits obtainable through development and operation of the area subject to this agreement under the terms, conditions, and limitations herein set forth;

NOW, THEREFORE, in consideration of the premises and the promises herein contained, the parties hereto commit to this agreement their respective interests in the below-defined unit area, and agree severally among themselves as follows:

1. ENABLING ACT AND REGULATIONS. The Acts of March 3, 1909 and of February 25, 1920, as amended, supra, and all valid pertinent regulations including operating and unit plan regulations, heretofore issued thereunder or valid, pertinent and reasonable regulations hereafter issued thereunder are accepted and made a part of this agreement as to Federal and Indian trust lands, provided such regulations are not inconsistent with the terms of this agreement; and as to non-Federal and non-Indian trust lands, the oil and gas operating regulations in effect as of the effective date hereof governing drilling and producing operations, not inconsistent with the terms hereof or the laws of the State in which the non-Federal land is located, are hereby accepted and made a part of this agreement.

2. UNIT AREA. The following described land is hereby designated and recognized as constituting the unit area:

See map attached hereto marked as Exhibit "A" is hereby designated and recognized as constituting the Unit Area containing, 2,002.58 acres more or less.

Exhibit "A" shows, in addition to the boundary of the unit area, the boundaries and identity of tracts and leases in said area to the extent known to the Unit Operator. Exhibit "B" attached hereto is a schedule showing to the extent known to the Unit Operator, the acreage, percentage, and kind of ownership of oil and gas interests in all lands in the unit area. However, nothing herein or in Exhibits "A" and "B" shall be construed as a representation by any party hereto as to the ownership of any interest other than such interest or interests as are shown in the Exhibits as owned by such party. Exhibits "A" and "B" shall be revised by the Unit Operator whenever changes in the unit area or in the ownership interests in the individual tracts render such revision necessary, or when requested by the Authorized officer, hereinafter referred to as "AO", or when requested by the Commissioner of Public Lands of the State of New Mexico, hereinafter referred to as "Land Commissioner", and not less than four (4) copies of the revised Exhibits shall be filed with the proper Bureau of Land Management office, and one (1) copy thereof shall be filed with the Land Commissioner, and one (1) copy with the New Mexico Oil Conservation Division of the Energy and Minerals Department, hereinafter referred to as "Division".

The above-described unit area shall, when practicable, be expanded to include therein any additional lands whenever such expansion is

deemed to be necessary or advisable to conform with the purposes of this agreement. Such expansion shall be effected in the following manner:

(a) Unit Operator, on its own motion (after preliminary concurrence by the AO and the Federal Indian Minerals Office (FIMO)), or on demand of the AO or FIMO, or the Land Commissioner (after preliminary concurrence by the AO and FIMO and the Land Commissioner) shall prepare a Notice of Proposed Expansion describing the contemplated changes in the boundaries of the unit area, the reasons therefore, any plans for additional drilling, and the proposed effective date of the expansion, preferably the first day of a month subsequent to the date of notice.

(b) Said notice shall be delivered to the proper Bureau of Land Management office, the Land Commissioner and the Division, and copies thereof mailed to the last known address of each working interest owner, lessee and lessor whose interest are affected, advising that 30 days will be allowed for submission to the Unit Operator of any objections.

(c) Upon expiration of the 30-day period provided in the preceding item (b) hereof, Unit Operator shall file with the AO, the Land Commissioner and the Division, evidence of mailing of the Notice of Expansion and a copy of any objections thereto which have been filed with Unit Operator together with an application in triplicate, for approval of such expansion and with appropriate joinders.

(d) After due consideration of all pertinent information, the expansion shall, upon approval by the AO, FIMO, the Land Commissioner and the Division, become effective as of the date prescribed in the notice thereof or such other appropriate date.

3. UNITIZED LAND AND UNITIZED SUBSTANCES. All land now or hereafter committed to this agreement shall constitute land referred to herein as "unitized land" or "land subject to this agreement". All oil and gas from the top of the Mancos formation at a measured depth of 4,349 feet down to the stratigraphic equivalent of the top of the Greenhorn Limestone formation at a measured depth of 6,098 feet as encountered in the Federal 34-43 well in Section 34, Township 24 North, Range 8 West, N.M.P.M. (API #30-045-24521), are unitized under the terms of this agreement and herein are called "unitized substances" (see type log attached as Exhibit "C").

4. UNIT OPERATOR. WPX Energy Production, LLC, hereby designated as Unit Operator and by signature hereto as Unit Operator agrees and consents to accept the duties and obligations of Unit Operator for the discovery, development, and production of unitized substances as herein provided. Whenever reference is made herein to the Unit Operator, such reference means the Unit Operator acting in the capacity and not as an owner of interest in unitized substances, and the term "working interest owner" when used herein shall include or refer to Unit Operator as the owner of a working interest only when such an interest is owned by it.

5. RESIGNATION OR REMOVAL OF UNIT OPERATOR. Unit Operator shall have the right to resign at any time prior to the establishment of unitized production or areas hereunder, but such resignation shall not become effective so as to release Unit Operator from the duties and obligations of Unit Operator and terminate Unit Operator's rights as such for a period of six (6) months after notice of intention to resign has been served by Unit Operator on all working interest owners and the AO, FIMO and the Land Commissioner and the Division, and until all wells then drilled hereunder are placed in a satisfactory condition for suspension or abandonment, whichever is required by the AO as to Federal and Indian trust lands and the Division as to State and fee lands, unless a new Unit Operator shall have been selected and approved and shall have taken over and assumed the duties and obligations of Unit Operator prior to the expiration of said period.

Unit Operator shall have the right to resign in like manner and subject to like limitations as above provided at any time after a producing unit area established hereunder is in existence, but in all instances of resignation or removal, until a successor Unit Operator is selected and approved as hereinafter provided, the working interest owners shall be jointly responsible for performance of the duties of Unit Operator, and shall not later than thirty (30) days before such resignation or removal becomes effective appoint a common agent to represent them in any action to be taken hereunder.

The resignation of Unit Operator shall not release Unit Operator from any liability for any default by it hereunder occurring prior to the effective date of its resignation.

The Unit Operator may, upon default or failure in the performance of its duties or obligations hereunder, be subject to removal by the same percentage vote of the owners of working interests as herein provided for the selection of a new Unit Operator. Such removal shall be effective upon notice thereof to the AO and the Land Commissioner.

The resignation or removal of Unit Operator under this agreement shall not terminate its right, title, or interest as the owner of a working interest or other interest in unitized substances, but upon the resignation or removal of Unit Operator becoming effective, such Unit Operator shall deliver possession of all wells, equipment, materials, and appurtenances used in conducting the unit operations to the newly qualified successor Unit Operator or to the common agent, if no such new Unit Operator is selected, elected, to be used for the purpose of conducting unit operations hereunder. Nothing herein shall be construed as authorizing removal of any material, equipment, or appurtenances needed for the preservation of any wells.

6. SUCCESSOR UNIT OPERATOR. Whenever the Unit Operator shall tender his or its resignation as Unit Operator or shall be removed as hereinabove provided, or a change of Unit Operator as negotiated by the working interest owners, the owners of the working interests according to their respective acreage interest in all unitized land shall, pursuant to the approval of the parties requirements of the unit operating agreement, select a successor Unit Operator. Such selection shall not become effective until:

(a) a Unit Operator so selected shall accept in writing the duties and responsibilities of Unit Operator, and

(b) the selection shall have been approved by the AO, FIMO, and by the Land Commissioner.

If no successor Unit Operator is selected and qualified as herein provided, the AO, FIMO and the Land Commissioner, at their election may declare this unit agreement terminated.

7. ACCOUNTING PROVISIONS AND UNIT OPERATING AGREEMENT. If the Unit Operator is not the sole owner of working interests, costs and expenses incurred by Unit Operator in conducting unit operations hereunder shall be paid and apportioned among and borne by the owners of working interests, all in accordance with the agreement or agreements entered into by and between the Unit Operator and the owners of working interests, whether one or more, separately or collectively. Any agreement or agreements entered into between the working interest owners and the Unit Operator as provided in this section, whether one or more, are herein referred to as the "unit operating agreement". Such unit operating agreement shall also provide the manner in which the working interest owners shall be entitled to receive their respective proportionate and allocated share of the benefits accruing hereto in conformity with their underlying operating agreements, leases, or other independent contracts, and such other rights and obligations as between Unit Operator and the working interest owners as may be agreed upon by Unit Operator and the working interest owners; however, no such unit operating agreement shall be deemed either to modify any of the terms and conditions of this unit agreement or to relieve the Unit Operator of any right or obligation established under this unit agreement, and in case of any inconsistency or conflict between this

agreement and the unit operating agreement, this agreement shall govern. Two copies of any unit operating agreement executed pursuant to this section shall be filed in the proper Bureau of Land Management office and one true copy with the Land Commissioner, and one true copy with the Division prior to approval of this unit agreement. If any Party to this Unit Agreement currently owns either no interest, or only an overriding royalty interest in, the unitized area, or said formation, or those lands covered by leases described on Exhibit "B", then such Party shall have no obligations whatsoever, whether monetary or otherwise, to the other Parties or to the Operator, at any time or in the future.

8. RIGHTS AND OBLIGATIONS OF UNIT OPERATOR. Except as otherwise specifically provided herein, the exclusive right, privilege, and duty of exercising any and all rights of the parties hereto which are necessary or convenient for prospecting for, producing, storing, allocating, and distributing the unitized substances are hereby delegated to and shall be exercised by the Unit Operator as herein provided. Acceptable evidence of title to said rights shall be deposited with Unit Operator and, together with this agreement, shall constitute and define the rights, privileges, and obligations of Unit Operator. Nothing herein, however, shall be construed to transfer title to any land or to any lease or operating agreement, it being understood that under this agreement the Unit Operator, in its capacity as Unit Operator, shall exercise the rights of possession and use vested in the parties hereto only for the purposes herein specified.

9. DRILLING TO DISCOVERY. For all purposes of this agreement the Chaco 2408-36P #143H well with a surface location in the SE/4SE/4 Section 36, Township 24 North, Range 8 West, N.M.P.M., and a 4,361 foot horizontal lateral in the Mancos Shale Group which the Unit Operator commenced on September 21, 2013 and completed on November 18, 2013 shall hereby be approved by the AO and the Land Commissioner as the obligation well necessary to validate this Unit Agreement. Within six (6) months of final approval of this Unit Agreement the Operator shall submit a paying well determination to the AO and the Land Commissioner to determine if this well can be produced in paying quantities (to-wit: quantities sufficient to repay the costs of drilling, completing, and producing operations, with a reasonable profit). If the aforementioned well is not capable of producing in paying quantities, then the Unit Operator shall continue drilling one well at a time, allowing not more than one (1) year between the completion of one well and the commencement of drilling operations for the next well, until a well capable of producing unitized substances in paying quantities is completed to the satisfaction of the AO if it be on Federal or Indian trust land, or of the Land Commissioner if on State land, or the Division if on Fee land, or until it is reasonably proved that the unitized land is incapable of producing unitized substances in paying quantities in the formations drilled hereunder. Nothing in this section shall be deemed to limit the right of the Unit Operator to resign as provided in Section 5 hereof, or as requiring Unit Operator to commence or continue any drilling during the period pending such resignation becoming effective in order to comply with the requirements of this section.

The AO and the Land Commissioner may modify any of the drilling requirements of this section by granting reasonable extensions of time when, in their opinion, such action is warranted.

Upon failure to commence any well as provided for in this section within the time allowed including any extension of time granted by the AO and the Land Commissioner, this agreement will automatically terminate. Upon failure to continue drilling diligently any well commenced hereunder, the AO and the Land Commissioner may, after fifteen (15) days notice to the Unit Operator, declare this unit agreement terminated. The parties to this agreement may not initiate a request to voluntarily terminate this agreement during the first six (6) months of its term unless at least one obligation well has been drilled in accordance with the provisions of this section. The failure to commence a well subsequent to the drilling of the initial obligation well, or in the case of multiple well requirements, if specified, subsequent to the drilling of those multiple wells, as provided for in this (these) section(s), within the time allowed including any extension of time granted by the AO and the Land Commissioner, shall cause this agreement to terminate automatically. Upon failure to continue drilling diligently any well other than the obligation well(s) commenced hereunder, the AO and the Land Commissioner may, after 15 days notice to the Unit Operator, declare this unit agreement terminated. Failure to commence drilling the initial obligation well, or the first of multiple obligation wells, on time and to drill it diligently shall result in the unit agreement approval being declared invalid ab initio by the AO and the Land Commissioner. In the case of multiple well requirements, failure to commence drilling the required multiple wells beyond the first well, and to drill them diligently, may result in the unit agreement approval being declared invalid ab initio by the AO and the Land Commissioner.

10. PLAN OF FURTHER DEVELOPMENT AND OPERATION. Within twelve (12) months after completion of a well capable of producing unitized substances in paying quantities, the Unit Operator shall submit for the approval of the AO, the Land Commissioner and the Division, an acceptable plan of development and operation for the unitized land which, when approved by the AO, the Land Commissioner and the Division, shall constitute the further drilling and development obligations of the Unit Operator under this agreement for the period specified therein. Thereafter, from time to time before the expiration of any existing plan, the Unit Operator shall submit for the approval of the AO, the Land Commissioner and the Division, a plan for an additional specified period for the development and operation of the unitized land. Subsequent plans should normally be filed on a calendar year basis not later than March 1 each year. Any proposed modification or addition to the existing plan should be filed as a supplement to the plan.

Any plan submitted pursuant to this section shall provide for the timely exploration of the unitized area, and for the diligent drilling necessary for determination of the area or areas capable of producing unitized substances in paying quantities. This plan shall be as complete and adequate as the AO, the Land Commissioner and Division may determine to be necessary for timely development and proper conservation of the oil and gas resources of the unitized area and shall:

- (a) specify the number and locations of any wells to be drilled and the proposed order and time for such drilling; and
- (b) provide a summary of operations and production for the previous year.

Plans shall be modified or supplemented when necessary to meet changed conditions or to protect the interests of all parties to this agreement. Reasonable diligence shall be exercised in complying with the obligations of the approved plan of development and operation. The AO, the Land Commissioner, and the Division are authorized to grant a reasonable extension of the 12-month period herein prescribed for submission of an initial plan of development and on operation where such action is justified because of unusual conditions or circumstances.

After completion of a well capable of producing unitized substances in paying quantities, no further wells, except such as may be necessary to afford protection against operations not under this agreement and such as may be specifically approved by the AO, the Land Commissioner and Division, shall be drilled except in accordance with an approved plan of development and operation.

11. ALLOCATION OF PRODUCTION. All unitized substances produced under this agreement, except any part thereof used in conformity with good operating practices within the unitized area for drilling, operating, and other production or development purposes, or for repressuring or recycling in accordance with a plan of development and operations that has been approved by the AO, or unavoidably lost shall be deemed to be produced equally on an acreage basis from the several tracts of unitized land and unleased Federal and Indian trust land, if any. Each such tract shall have allocated to it such percentage of said production as the number of acres of such tract bears to the total acres of unitized land and unleased Federal and Indian trust land, if any. All proceeds less taxes and appropriate royalties, attributed to unleased Indian trust and Federal lands included within the unit area are to be placed in an interest earning escrow or trust account for each unleased tract by the designated unit operator until

the land is leased. These accounts will be subject to audit by the Department of Interior. Within 90 days of the issuance of an Indian and/or Federal lease within this designated unit area, if the lessee(s) and the working interest owner(s) do not commit the land to this unit agreement the proceeds for their portion of the escrow account will be forfeited. There shall be allocated to the working interest owner(s) of each tract of unitized land, in addition, such percentage of the production attributable to the unleased Federal and Indian trust land within the unitized area as the number of acres of such unitized tract included in said unitized area bears to the total acres of unitized land in said unitized area, for the payment of the compensatory royalty specified in section 15 of this agreement. Allocation of production hereunder for purposes other than for settlement of the royalty, overriding royalty, or payment out of production obligations of the respective working interest owners, including compensatory royalty obligations under section 15, shall be prescribed as set forth in the unit operating agreement or as otherwise mutually agreed by the affected parties.

12. ROYALTY SETTLEMENT. The United States, the Indians, the State and any royalty owner who is entitled to take in kind a share of the substances now unitized hereunder shall hereafter be entitled to the right to take in kind its share of the unitized substances, and Unit Operator, or the working interest owner in case of the operation of a well by a working interest owner as herein provided for in special cases, shall make deliveries of such royalty share taken in kind in conformity with the applicable contracts, laws, and regulations. Settlement for royalty interest not taken in kind shall be made by working interest owners responsible therefore under existing contracts, laws and regulations, or by the Unit Operator on or before the last day of each month for unitized substances produced during the preceding calendar month; provided, however, that nothing in this section shall operate to relieve the responsible parties of any land from their respective lease obligations for the payment of any royalties due under their leases.

If gas obtained from lands not subject to this agreement is introduced into the unit area hereunder, for use in repressuring, stimulation of production, or increasing ultimate recovery in conformity with a plan of development and operation approved by the AO and the Land Commissioner and the Division, a like amount of gas, after settlement as herein provided for any gas transferred from any other area and with appropriate deduction for loss from any cause, may be withdrawn from the formation into which the gas is introduced, royalty free as to dry gas, but not as to any products which may be extracted therefrom; provided that such withdrawal shall be at such time as may be provided in the approved plan of development and operation or as may otherwise be consented to by the AO and the Land Commissioner and the Division as conforming to good petroleum engineering practice; and provided further, that such right of withdrawal shall terminate on the termination of this Unit Agreement.

Royalty due on the United States and Indian trust lands shall be computed as provided in 30 CFR Group 200 and paid in value or delivered in kind as to all unitized substances on the basis of the amounts thereof allocated to unitized Federal land as provided in Section 11 at the rates specified in the respective Federal lease, or at such other rate or rates as may be authorized by law or regulation and approved by the AO; provided, that for leases on which the royalty rate depends on the daily average production per well, said average production shall be determined in accordance with the operating regulations as though the unitized area were a single consolidated lease.

Royalty due on account of State lands shall be computed and paid on the basis of all unitized substances allocated to such lands.

13. RENTAL SETTLEMENT. Rental or minimum royalties due on leases committed hereto shall be paid by appropriate working interest owners under existing contracts, laws, and regulations, provided that nothing herein contained shall operate to relieve the lessees of any land from their respective lease obligations for the payment of any rental or minimum royalty due under their leases. Rental or minimum royalty for lands of the United States and Indian trust lands subject to this agreement shall be paid at the rate specified in the respective leases from the United States, and Indian trust lands, unless such rental or minimum royalty is waived, suspended, or reduced by law or by approval of the Secretary or his duly authorized representative.

Rentals on State of New Mexico lands subject to this agreement shall be paid at the rate specified in the respective leases.

With respect to any lease on non-Federal or non-Indian trust land containing provisions which would terminate such lease unless drilling operations are commenced upon the land covered thereby within the time therein specified or rentals are paid for the privilege of deferring such drilling operations, the rentals required thereby shall, notwithstanding any other provision of this agreement, be deemed to accrue and become payable during the term thereof as extended by this agreement and until the required drilling operations are commenced upon the land covered thereby, or until the unit area establishes production.

14. CONSERVATION. Operations hereunder and production of unitized substances shall be conducted to provide for the most economical and efficient recovery of said substances without waste, as defined by or pursuant to State or Federal law or regulation.

15. DRAINAGE. The Unit Operator shall take such measures as the AO and the Land Commissioner deems appropriate and adequate to prevent drainage of unitized substances for unitized land by wells on land not subject to this agreement, which shall include the drilling of protective wells and which may include the payment of a fair and reasonable compensatory royalty, as determined by the AO, as to Federal and Indian leases and the Land Commissioner, as to State leases.

16. LEASES AND CONTRACTS CONFORMED AND EXTENDED. The terms, conditions, and provisions of all leases, subleases, and other contracts relating to exploration, drilling, development, or operation for oil or gas on lands committed to this agreement are hereby expressly modified and amended to the extent necessary to make the same conform to the provisions hereof, but otherwise to remain in full force and effect; and the parties hereto hereby consent that the Secretary, as to Federal and Indian leases and the Land Commissioner, as to State leases, each by his approval hereof, or by the approval hereof by his duly authorized representative, shall and does hereby establish, alter, change, or revoke the drilling, producing, rental minimum royalty, and royalty requirements of Federal and Indian leases and State leases committed hereto and the regulations in respect thereto to conform said requirements to the provisions of this agreement, and, without limiting the generality of the foregoing, all leases, subleases, and contracts are particularly modified in accordance with the following:

(a) The development and operation of lands subject to this agreement under the terms hereof shall be deemed full performance of all obligations for development and operation with respect to each and every separately owned tract subject to this agreement, regardless of whether there is any development of any particular tract of this unit area.

(b) Drilling and producing operations performed hereunder upon any tract of unitized lands will be accepted and deemed to be performed upon and for the benefit of each and every tract of unitized land, and no lease shall be deemed to expire by reason of failure to drill or produce wells situated on the land therein embraced.

(c) Suspension of drilling or producing operations on all unitized lands pursuant to direction or consent of the AO and FIMO and the Land Commissioner, or his duly authorized representative, shall be deemed to constitute such suspension pursuant to such direction or consent as to each and every tract of unitized land. A suspension of drilling or producing operations limited to specified lands shall be applicable only to such lands.

(d) Each lease, sublease or contract relating to the exploration, drilling, development, or operation for oil or gas of lands other than those of the United States and Indian trust lands and the State of New Mexico committed to this agreement which, by its terms might expire prior to the

termination of this agreement, is hereby extended beyond any such terms so provided therein so that it shall be continued in full force and effect for and during the term of this agreement.

(e) Any Federal lease committed hereto shall continue in force beyond the term so provided therein or by law as to the land committed so long as such lease remains subject hereto, provided that a well capable of production of unitized substances in paying quantities is established in paying quantities under this unit agreement prior to the expiration date of the term of such lease, or in the event actual drilling operations are commenced on unitized land, in accordance with provisions of this agreement, prior to the end of the primary term of such lease and are being diligently prosecuted at that time, such Federal lease shall be extended for two years, and so long thereafter as oil or gas is produced in paying quantities in accordance with the provisions of the Act of February 25, 1920, as amended. Any Indian lease committed hereto shall continue in force beyond the term so provided therein or by law as to the land committed so long as such lease remains subject hereto, provided that production of Unitized Substances in paying quantities is established under this Unit Agreement prior to the expiration date of the term of such lease and such lease shall be extended for so long thereafter as oil or gas is produced in paying quantities in accordance with the provisions of the acts governing the leasing of Indian lands.

(f) Each sublease or contract relating to the operation and development of unitized substances from lands of the United States or Indian trust lands committed to this agreement, which by its terms would expire prior to the time at which the underlying lease, as extended by the immediately preceding paragraph, will expire, is hereby extended beyond any such term so provided therein so that it shall be continued in full force and effect for and during the term of the underlying lease as such term is herein extended.

(g) The segregation of any Federal lease committed to this agreement is governed by the following provision in the fourth paragraph of Section 17 (j) of the Mineral Leasing Act, as amended by the Act of September 2, 1960, (74 Stat. 781-784) (30 U.S.C. 226 (m)): "Any (Federal) lease heretofore or hereafter committed to any such (Unit) plan embracing lands that are in part within and in part outside the area covered by any such plan shall be segregated into separate leases as to the lands committed and the lands not committed as of the effective date of unitization. Provided, however that any such lease as to non-unitized portion shall continue in force and effect for the term thereof, but for not less than two years from the date of such segregation and so long thereafter as oil or gas is produced in paying quantities."

(h) In the event the Initial Test Well is commenced prior to the expiration date of the shortest term State Lease within the Unit Area, any lease embracing lands of the State of New Mexico which is made the subject to this agreement, shall continue in force beyond the term provided therein as to the lands committed hereto until the termination hereof.

(i) Any lease embracing lands of the State of New Mexico having only a portion of its lands committed hereto, shall be segregated as to the portion committed and the portion not committed, and the terms of such lease shall apply separately to such segregated portions commencing as the effective date hereof; provided, however, that notwithstanding any of the provisions of this agreement to the contrary, such lease shall continue in full force and effect beyond the term provided therein as to all lands embraced in such lease, if oil or gas is being produced in paying quantities from some part of the lands embraced in such lease at the expiration of the fixed term of such lease; or if, at the expiration of the fixed term, the lessee or the Unit Operator is then engaged in bona fide drilling or reworking operations on some part of the lands embraced in such lease, then the same as to all lands embraced therein shall remain in full force and effect so long as such operations are being diligently prosecuted, and if they result in the production of oil or gas, said lease shall continue in full force and effect as to all the lands embraced therein, so long thereafter as oil or gas in paying quantities is being produced from any portion of said lands.

17. COVENANTS RUN WITH LAND. The covenants herein shall be construed to be covenants running with the land with respect to the interests of the parties hereto and their successors in interest until this agreement terminates, and any grant, transfer or conveyance of interest in land or lease subject hereto shall be and hereby is conditioned upon the assumption of all privileges and obligations hereunder by the grantee, transferee, or other successor in interest. No assignment or transfer of any working interest, royalty, or other interest subject hereto shall be binding upon Unit Operator until the first day of the calendar month after Unit Operator is furnished with the original, photostatic, or certified copy of the instrument of transfer.

18. EFFECTIVE DATE AND TERM. This agreement shall become effective November 18, 2013 when approved by the AO, FIMO and the Land Commissioner or their duly authorized representative and shall automatically terminate five (5) years from said effective date unless:

(a) Upon application by the Unit Operator such date of expiration is extended by the AO and the Land Commissioner; or

(b) it is reasonably determined prior to the expiration of the fixed terms or any extension thereof that the unitized land is incapable of production of unitized substances in paying quantities in the formations tested hereunder, and after notice of intention to terminate this agreement on such ground is given by the Unit Operator to all parties in interest at their last known addresses, this agreement is terminated with approval of the AO and the Land Commissioner; or

(c) a valuable discovery of unitized substances in paying quantities has been made or accepted on unitized land during said initial term or any extension thereof, in which event this agreement shall remain in effect for such term and so long thereafter as unitized substances can be produced as to Federal or Indian trust lands and are being produced as to State lands in quantities sufficient to pay for the cost of producing same from wells on unitized land. Should production cease and diligent drilling or re-working operations to restore production or new production are not in progress or reworking within sixty (60) days and production is not restored or should new production not be obtained in paying quantities on committed lands within this unit area, this agreement will automatically terminate effective the last day of the month in which the last unitized production occurred; or

(d) it is voluntarily terminated as provided in this agreement. Except as noted herein this agreement may be terminated at any time prior to the discovery of unitized substances which can be produced in paying quantities by not less than 75 per centum, on an acreage basis, of the working interest owners signatory hereto, with the approval of the AO and the Land Commissioner. The Unit Operator shall give notice of any such approval to all parties hereto. Voluntary termination may not occur during the first six (6) months of this agreement unless at least one obligation well shall have been drilled in conformance with Section 9.

19. RATE OF PROSPECTING, DEVELOPMENT, AND PRODUCTION. The AO is hereby vested with authority to alter or modify from time to time, in his discretion, the quantity and rate of production under this agreement when such quantity and rate are not fixed pursuant to Federal or State law, or do not conform to any State-wide voluntary conservation or allocation program which is established, recognized, and generally adhered to by the majority of operators in such State. The above authority is hereby limited to alteration or modifications which are in the public interest. The public interest to be served and the purpose thereof, must be stated in the order of alteration or modification. Without regard to the foregoing, the AO is also hereby vested with authority to alter or modify from time to time, in his discretion, the rate of prospecting and development and the quantity and rate of production under this agreement when such alteration or modification is in the interest of attaining the conservation

objectives stated in this agreement and is not in violation of any applicable Federal or State law; provided, further, that no such alteration or modification shall be effective as to any land of the State of New Mexico, as to the rate of prospecting and developing in the absence of the specific written approval thereof by the Land Commissioner and also to any lands of the State of New Mexico subject to this agreement as to the quantity and rate of production in the absence of specific written approval thereof by the Division.

Powers in the section vested in the AO shall only be exercised after notice to Unit Operator and opportunity for hearing to be held not less than 15 days from notice.

20. APPEARANCES. Unit Operators shall, after notice to other parties affected, have the right to appear for and on behalf of any and all interest affected hereby before the Department of the Interior, and the Land Commissioner, and the Division, and to appeal from orders issued under the regulations of said Department and the Land Commissioner and the Division or to apply for relief from any of said regulations, or in any proceedings relative to operations before the Department and the Land Commissioner and the Division or any other legally constituted authority; provided, however, that any other interested party shall also have the right at its own expense to be heard in any such proceeding.

21. NOTICES. All notices, demands, or statements required hereunder to be given or rendered to the parties hereto shall be in writing and shall be personally delivered to the party or parties, or sent by postpaid registered or certified mail, to the last known address of the party or parties.

22. NO WAIVER OF CERTAIN RIGHTS. Nothing contained in this agreement shall be construed as a waiver by any party hereto of the right to assert any legal or constitutional right or defense as to the validity or invalidity of any law of the State where unitized lands are located, or of the United States, or regulations issued thereunder in any way affecting such party, or as a waiver by any such party of any right beyond his or its authority to waive.

23. UNAVOIDABLE DELAY. All obligations under this agreement requiring the Unit Operator to commence or continue drilling, or to operate on, or produce unitized substances from any of the lands covered by this agreement, shall be suspended while the Unit Operator, despite the exercise of due care and diligence, is prevented from complying with such obligations, in whole or in part, by strikes, acts of God, Federal, State, or municipal law or agencies, unavoidable accidents, uncontrollable delays in transportation, inability to obtain necessary materials or equipment in open market, or other matters beyond the reasonable control of the Unit Operator whether similar to matters herein enumerated or not.

24. NONDISCRIMINATION. In connection with the performance of work under this agreement, the Unit Operator agrees to comply with all the provisions of Section 202 (1) to (7) inclusive of Executive Order 11246 (30 F.R. 12319), as amended which are hereby incorporated by reference in this agreement.

25. LOSS OF TITLE. In the event title to any tract of unitized land shall fail and the true owner cannot be induced to join in this unit agreement, such tract shall be automatically regarded as not committed hereto, and there shall be such readjustment of future costs and benefits as may be required on account of the loss of such title. In the event of a dispute as to title to any royalty, working interest, or other interests subject thereto, payment or delivery on account thereof may be withheld without liability for interest until the dispute is finally settled; provided, that, as to Federal and State lands or leases, no payments of funds due the United States or the State of New Mexico should be withheld, but such funds shall be deposited as directed by the AO and such funds of the State of New Mexico shall be deposited as directed by the Land Commissioner, to be held as unearned money pending final settlement of the title dispute, and then applied as earned or returned in accordance with such final settlement.

Unit Operator as such is relieved from any responsibility for any defect or failure of any title hereunder.

26. NON-JOINDER AND SUBSEQUENT JOINDER. If the owner of any substantial interest in a tract within the unit area fails or refuses to subscribe or consent to this agreement, the owner of the working interest in that tract may withdraw the tract from this agreement by written notice delivered to the proper Bureau of Land Management office, the Land Commissioner, the Division and the Unit Operator prior to the approval of this agreement by the AO and the Land Commissioner. Any oil or gas interests in lands within the unit area not committed hereto prior to final approval may thereafter be committed hereto by the owner or owners thereof subscribing or consenting to this agreement, and, if the interest, is a working interest, by the owner of such interest only subscribing to the unit operating agreement.

After operations are commenced hereunder, the right of subsequent joinder, as provided in this section, by a working interest owner is subject to such requirements or approval(s), if any, pertaining to such joinder, as may be provided for in the unit operating agreement. After final approval hereof, joinder by a non-working interest owner must be consented to in writing by the working interest owner committed hereto and responsible for the payment of any benefits that may accrue hereunder in behalf of such non-working interest. A non-working interest may not be committed to this unit agreement unless the corresponding working interest is committed hereto. Joinder to the unit agreement by a working interest owner, at any time, must be accompanied by appropriate joinder to the unit operating agreement, in order for the interest to be regarded as committed to this agreement. Except as may otherwise herein be provided, subsequent joinders to this agreement shall be effective as of the date of the filing with the AO, the Land Commissioner and the Division of duly executed counterparts of all or any papers necessary to establish effective commitment of any interest and/or tract to this agreement.

27. COUNTERPARTS. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument in writing specifically referring hereto and shall be binding upon all those parties who have executed such a counterpart, ratification, or consent hereto with the same force and effect as if all such parties had signed the same document and regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands within the above-described unit area.

28. SURRENDER. Nothing in this agreement shall prohibit the exercise by any working interest owner of the right to surrender vested in such party by any lease, sublease, or operating agreement as to all or any part of the lands covered thereby, provided that each party who will or might acquire such working interest by such surrender or by forfeiture as hereafter set forth, is bound by the terms of this agreement.

If, as a result of any such surrender, the working interest rights as to such lands become vested in any party other than the fee owner of the unitized substances, said party may forfeit such rights and further benefits from operation hereunder as to said land to the party next in the chain of title who shall be and become the owner of such working interest.

If, as a result of any such surrender or forfeiture, working interest rights become vested in the fee owner of the unitized substances, such owner may:

(a) accept those working interest rights subject to this agreement and the unit operating agreement; or

- (b) lease the portion of such land subject to this agreement and the unit operating agreement; or
- (c) provide for the independent operation of any part of such land.

If the fee owner of the unitized substances does not accept the working interest rights subject to this agreement and the unit operating agreement or lease such lands as above provided within six (6) months after the surrender or forfeited working interest rights become vested in the fee owner, the benefits and obligations of operations accruing to such lands under this agreement and the unit operating agreement shall be shared by the remaining owners of unitized working interests in accordance with their respective working interest ownerships, and such owners of working interests shall compensate the fee owner of unitized substances in such lands by paying sums equal to the rentals, minimum royalties, and royalties applicable to such lands under the lease in effect when the lands were unitized.

An appropriate accounting and settlement shall be made for all benefits accruing to or payments and expenditures made or incurred on behalf of such surrendered or forfeited working interest subsequent to the date of surrender or forfeiture, and payment of any monies found to be owing by such an accounting shall be made as between the parties within thirty (30) days.

The exercise of any right vested in a working interest owner to reassign such working interest to the party from whom obtained shall be subject to the same conditions as set forth in this section in regard to the exercise of a right to surrender.

29. TAXES. The working interest owners shall render and pay for their account and the account of the royalty owners all valid taxes on or measured by the unitized substances in and under or that may be produced, gathered and sold from the land covered by this agreement after its effective date, or upon the proceeds derived therefrom. The working interest owners on each tract shall and may charge the proper proportion of said taxes to royalty owners having interest in said tract, and may currently retain and deduct a sufficient amount of the unitized substances or derivative products, or net proceeds thereof, from the allocated share of each royalty owner to secure reimbursement for the taxes so paid. No such taxes shall be charged to the United States or the State of New Mexico or to any lessor who has a contract with his lessee which requires the lessee to pay such taxes.

30. NO PARTNERSHIP. It is expressly agreed that the relation of the parties hereto is that of independent contractors and nothing contained in this agreement, expressed or implied, nor any operations conducted hereunder, shall create or be deemed to have created a partnership or association between the parties hereto or any of them.

31. SURFACE AND ENVIRONMENTAL PROTECTION STIPULATIONS. Nothing in this agreement shall modify or change either the special Federal lease stipulations relating to surface management or such special Federal lease stipulations relating to surface and environmental protection, attached to and made a part of, Oil and Gas Leases covering lands within the Unit Area.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be executed and have set opposite their respective names the date of execution.

WPX ENERGY PRODUCTION, LLC

By: Thomas E. Black, Jr.
 Thomas E. Black, Jr.
 Type or print name

Title: Attorney-in-Fact

Date of Execution 12 November 2014

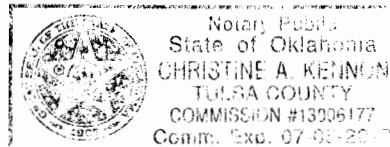
Address:
 P. O. Box 3102
 Tulsa, Oklahoma 74101-3102

STATE OF Oklahoma)
)ss.
 COUNTY OF Tulsa)

On this 12 day of November, 2014, before me appeared Thomas E. Black, Jr. to me personally known, who, being duly sworn, did say that he is the Attorney-in-Fact of WPX Energy Production, LLC and that the seal affixed to said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said Attorney-in-Fact acknowledged said instrument to be the free act of deed of said corporation.

My Commission Expires: 07-05-2017

Christine A. Kennon
 Notary Public



BUREAU OF LAND MANAGEMENT

By _____

Date of Execution _____

Address

STATE OF _____)

)ss.

COUNTY OF _____)

On this _____ day of _____, 2014, before me appeared _____ to me personally known, who, being duly sworn, did say that he is the _____ of _____ and that the seal affixed to said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said _____ acknowledged said instrument to be the free act of deed of said corporation.

My Commission Expires: _____

Notary Public

FEDERAL INDIAN MINERALS OFFICE

By _____

Date of Execution _____

Address

STATE OF _____)

)ss.

COUNTY OF _____)

On this _____ day of _____, 2014, before me appeared _____ to me personally known, who, being duly sworn, did say that he is the _____ of _____ and that the seal affixed to said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said _____ acknowledged said instrument to be the free act of deed of said corporation.

My Commission Expires: _____

COMMISSIONER of PUBLIC LANDS of the STATE of NEW MEXICO

By _____

Date of Execution _____

Address

STATE OF _____)

)ss.

COUNTY OF _____)

On this _____ day of _____, 2014, before me appeared _____ to me personally known, who, being duly sworn, did say that he is the _____ of _____ and that the seal affixed to said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said _____ acknowledged said instrument to be the free act of deed of said corporation.

My Commission Expires: _____

Notary Public

OIL CONSERVATION DIVISION of the NEW MEXICO ENERGY and MINERALS DEPARTMENT

By _____

Date of Execution _____

Address

STATE OF _____)

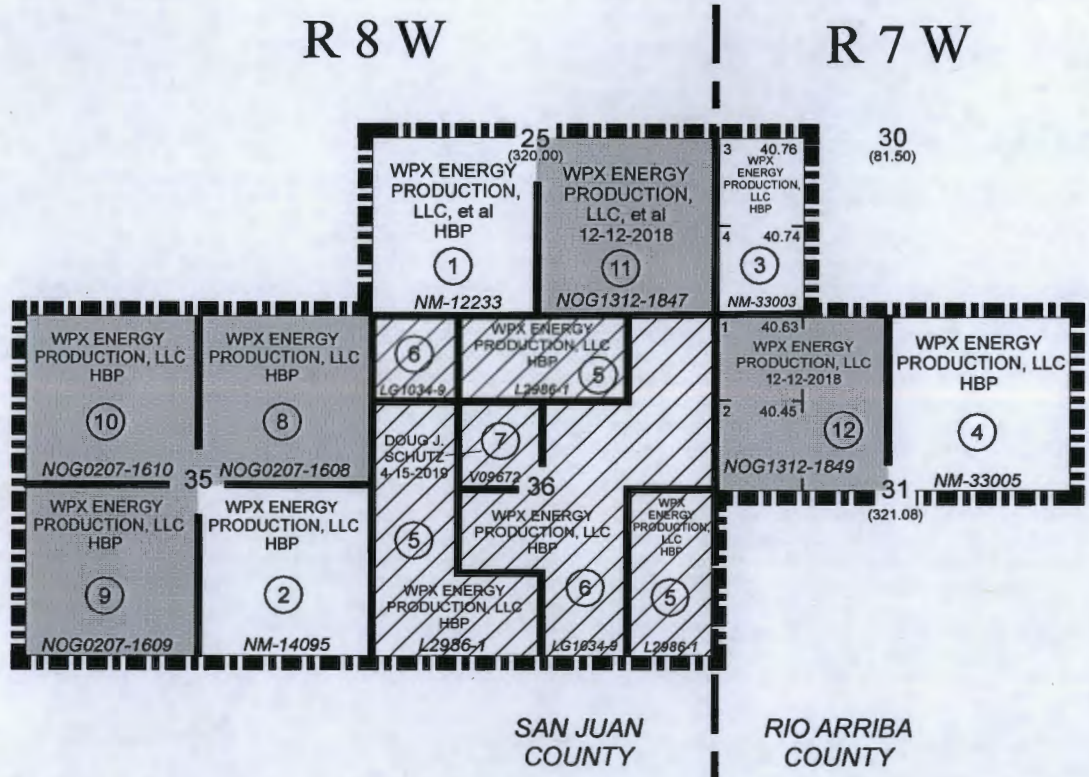
)ss.

COUNTY OF _____)

On this _____ day of _____, 2014, before me appeared _____ to me personally known, who, being duly sworn, did say that he is the _____ of _____ and that the seal affixed to said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said _____ acknowledged said instrument to be the free act of deed of said corporation.

My Commission Expires: _____




Notary Public

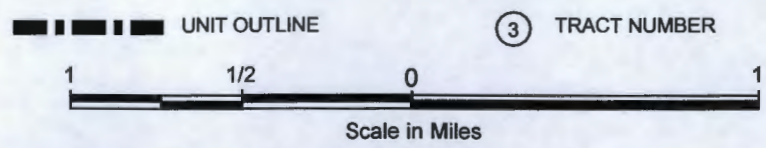


T
24
N

EXHIBIT "A"

NORTHWEST LYBROOK UNIT AREA
RIO ARRIBA & SAN JUAN COUNTIES, NEW MEXICO

	ACREAGE	PERCENTAGE
 FEDERAL LANDS	561.50	28.04%
 STATE LANDS	640.00	31.96%
 ALLOTTED LANDS	801.08	40.00%
TOTALS	2,002.58	100.00%



NOTE: UNLESS OTHERWISE NOTED HEREIN THE SECTIONS ON THIS PLAT CONTAIN 640.00 ACRES

WPX ENERGY PRODUCTION, LLC
TULSA, OKLAHOMA

EXHIBIT "B"
SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
NORTHWEST LYBROOK UNIT AREA
RIO ARRIBA AND SAN JUAN COUNTIES, NEW MEXICO

Ownership reflected herein covers those formations lying below the stratigraphic equivalent of the top of the Mancos Formation at a depth of 4,349 feet down to the stratigraphic equivalent of the top of the Greenhorn Formation at a depth of 6,098 feet as encountered in the Federal 34-43 well in Section 34, Township 24 North, Range 8 West, N.M.P.M. API 30-045-24521

9-9-2014

TRACT NO.	DESCRIPTION OF LAND	NUMBER OF ACRES	SERIAL NUMBER & EXPIRATION DATE OF LEASE	BASIC ROYALTY AND PERCENTAGE	LESSEE OF RECORD AND PERCENTAGE	OVERRIDING ROYALTY AND PERCENTAGE	WORKING INTEREST AND PERCENTAGE		
<u>FEDERAL LANDS</u>									
1.	<u>T24N-R8W N.M.P.M.</u> Sec. 25: SW/4	160.00	NMNM-12233 Effective 9-1-1970 HBP	U.S.A. - All (12.5% royalty)	Elm Ridge Exploration Company, LLC Devon Energy Production Company, LP TOTAL	98.8889% 1.1111% 100.0000%	Key Production Company, Inc. Roy G. Stauffer David Hamilton R.W. Scott Investments, LLC L. Stanley Owen L. Rickard and Janice M. Richard, JT Sam T. Bots, Jr., Trustee of the Sam Bolts Family Trust dated 1/1/1992 D. Patrick Grubbs TOTAL	WPX Energy Production, LLC SFF Production TOTAL	98.8900% 1.1100% 100.0000%
2.	<u>T24N-R8W N.M.P.M.</u> Sec. 35: SE/4	160.00	NMNM-14095 Effective 8-1-1971 HBP	U.S.A. - All (12.5% royalty)	Energen Reesources Co. Pioneer Natural Resources USA Inc. TOTAL	60.1100% 39.8900% 100.0000%	Kenai Partners 1980 Drilling Fund-Series Mazzola & Co., a Colorado General partnership New Mexico Oil Corporation Kenai Oil & Gas, Inc. TOTAL	WPX Energy Production, LLC	100.0000%

TRACT NO.	DESCRIPTION OF LAND	NUMBER OF ACRES	SERIAL NUMBER & EXPIRATION DATE OF LEASE	BASIC ROYALTY AND PERCENTAGE	LESSEE OF RECORD AND PERCENTAGE	OVERRIDING ROYALTY AND PERCENTAGE	WORKING INTEREST AND PERCENTAGE
3.	<u>T24N-R7W N.M.P.M.</u> Sec. 30: Lots 3, 4	81.50	NMNM-33003 Effective 2-1-1979 HBP	U.S.A. - All (12.5% royalty)	Elm Ridge Exploration Company	100.0000% None	WPX Energy Production, LLC 100.0000%
4.	<u>T24N-R7W N.M.P.M.</u> Sec. 31: NE/4	160.00	NMNM-33005 Effective 3-1-1979 HBP	U.S.A. - All (12.5% royalty)	Elm Ridge Exploration Company	Dan Cleveland 1.0000% George T. Olds 0.6667% Ruth Olds 0.3333% TOTAL 2.0000%	WPX Energy Production, LLC 100.0000%
4	FEDERAL TRACTS	TOTALING	561.50	ACRES OR	28.04%	OF UNIT AREA	

STATE LANDS

5.	<u>T24N-R8W N.M.P.M.</u> Sec. 36: NW/4NE/4, NE/4NW/4, SW/4NW/4, NW/4SW/4, S/2SW/4, E/2SE/4	320.00	L2986-1 Effective 5/20/1969 HBP	State of New Mexico - All (1/8th royalty)	Wood Group Pressure Control	100.0000% Michael P. Grace 2.5000% Corine Grace 2.5000% Mazzola & Co. 1.0000% TOTAL 6.0000%	WPX Energy Production, LLC 100.0000%
----	---	--------	--	--	--------------------------------	---	--------------------------------------

TRACT NO.	DESCRIPTION OF LAND	NUMBER OF ACRES	SERIAL NUMBER & EXPIRATION DATE OF LEASE	BASIC ROYALTY AND PERCENTAGE	LESSEE OF RECORD AND PERCENTAGE	OVERRIDING ROYALTY AND PERCENTAGE	WORKING INTEREST AND PERCENTAGE
9.	<u>T24N-R8W N.M.P.M.</u> Sec. 35: SW/4 011-396	160.00	NO-G-0207-1609 Heirs of NEIL-TI (20% royalty) Effective 7/16/2002 HBP	100.0000%	Elm Ridge Exploration Company	100.0000%	None WPX Energy Production, LLC 100.0000%
10.	<u>T24N-R8W N.M.P.M.</u> Sec. 35: NW/4 011-398	160.00	NO-G-0207-1610 Heirs of SAN-DE-YAH-GO (20% royalty) Effective 7/16/2001 HBP	100.0000%	Elm Ridge Exploration Company	100.0000%	None WPX Energy Production, LLC 100.0000%
11.	<u>T24N-R8W N.M.P.M.</u> Sec. 25: SE/4 211-388	160.00	NO-G-1312-1847 Heirs of NAH-TOS-PUR (20% royalty) Effective 12/13/2013 Expires 12-12-2018	100.0000%	WPX Energy Production, LLC	100.0000%	None WPX Energy Production, LLC 100.0000%
12.	<u>T24N-R7W N.M.P.M.</u> Sec. 31: Lots 1, 2, E/2NW/4 211-350	161.08	NO-G-1312-1849 Heirs of NIP-PAH (20% royalty) Effective 12/13/2013 Expires 12-12-2018	100.0000%	WPX Energy Production, LLC	100.0000%	None WPX Energy Production, LLC 100.0000%

5	ALLOTTED TRACTS	TOTALING	801.08	ACRES	OR	40.00%	OF	UNIT	AREA
---	-----------------	----------	--------	-------	----	--------	----	------	------

12	TRACTS	TOTALING	2,002.58	ACRES	IN	UNIT	AREA
----	--------	----------	----------	-------	----	------	------

30045245210000
FEDERAL-34
43

ELM RIDGE EXPLORATION COMPANY
T24N R8W S34

Subsea Depth(ft)
2700 -
2600 -
2500 -
2400 -
2300 -
2200 -
2100 -
2000 -
1900 -
1800 -
1700 -
1600 -
1500 -
1400 -
1300 -
1200 -
1100 -
1000 -
900 -
800 -
700 -
600 -
500 -
400 -

Subsea Depth(ft)
- 2700
- 2600
- 2500
- 2400
- 2300
- 2200
- 2100
- 2000
- 1900
- 1800
- 1700
- 1600
- 1500
- 1400
- 1300
- 1200
- 1100
- 1000
- 900
- 800



MANCOS

GREENHORN_LS

GRANERO
DAKOTA

WPX

Type Log

Federal 34-43
Sec 34 T24N R8W

UWI
Well Name
Well Number
Operator
Turn-Rigs-Sec

By: AMR

August 14, 2014 5:05 PM

HS=0

EXHIBIT "B"
SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
NORTHWEST LYBROOK UNIT AREA
RIO ARRIBA AND SAN JUAN COUNTIES, NEW MEXICO

Ownership reflected herein covers those formations lying below the stratigraphic equivalent of the top of the Mancos Formation at a depth of 4,349 feet down to the stratigraphic equivalent of the top of the Greenhorn Formation at a depth of 6,098 feet as encountered in the Federal 34-43 well in Section 34, Township 24 North, Range 8 West, N.M.P.M. API 30-045-24521

TRACT NO.	DESCRIPTION OF LAND	NUMBER OF ACRES	SERIAL NUMBER & EXPIRATION DATE OF LEASE	BASIC ROYALTY AND PERCENTAGE	LESSEE OF RECORD AND PERCENTAGE	OVERRIDING ROYALTY AND PERCENTAGE	WORKING INTEREST AND PERCENTAGE	9-9-2014
FEDERAL LANDS								
1.	T24N-R8W N.M.P.M. Sec. 25: SW/4	160.00	NMNM-12233 Effective 9-1-1970 HBP	U.S.A. - All (12.5% royalty) 0.079896933 ✓	Elm Ridge Exploration Company, LLC 98.8889% Devon Energy Production Company, LP 1.1111% TOTAL 100.0000%	Key Production Company, Inc. 1.5000% Roy G. Stauffer 0.5000% David Hamilton 0.2414% R.W. Scott 0.2000% Investments, LLC L. Stanley 0.2000% Owen L. Rickard and Janice M. Richard, JT 0.2000% Sam T. Bots, Jr., Trustee of the Sam Bolts Family Trust dated 1/1/1992 D. Patrick Grubbs 0.2000% TOTAL 3.2414%	WPX Energy Production, LLC 98.8900% SFF Production 1.1100% TOTAL 100.0000%	
2.	T24N-R8W N.M.P.M. Sec. 35: SE/4	160.00	NMNM-14095 Effective 8-1-1971 HBP	U.S.A. - All (12.5% royalty) 0.079896933 ✓	Energen Reesources Co. 60.1100% Pioneer Natural Resources USA Inc. 39.8900% TOTAL 100.0000%	Kenai Partners 1980 Drilling Fund-Series 3.7500% Mazzola & Co., a Colorado General partnership 1.0000% New Mexico Oil Corporation 0.5000% Kenai Oil & Gas, Inc. 0.0625% TOTAL 5.3125%	WPX Energy Production, LLC 100.0000%	
NORTHWEST LYBROOK UNIT AREA								
								1
								12/10/2014

TRACT NO.	DESCRIPTION OF LAND	NUMBER OF ACRES	SERIAL NUMBER & EXPIRATION DATE OF LEASE	BASIC ROYALTY AND PERCENTAGE		LESSEE OF RECORD AND PERCENTAGE		OVERRIDING ROYALTY AND PERCENTAGE		WORKING INTEREST AND PERCENTAGE	
3.	T24N-R7W N.M.P.M. Sec. 30: Lots 3, 4	81.50	NMNM-33003 Effective 2-1-1979 HBP	U.S.A. - All (12.5% royalty)	0.040697500 ✓	Elm Ridge Exploration Company	100.0000%	None		WPX Energy Production, LLC	100.0000%
4.	T24N-R7W N.M.P.M. Sec. 31: NE/4	160.00	NMNM-33005 Effective 3-1-1979 HBP	U.S.A. - All (12.5% royalty)	0.079896933 ✓	Elm Ridge Exploration Company	100.0000%	Dan Cleveland George T. Olds Ruth Olds TOTAL	1.0000% 0.6667% 0.3333% 2.0000%	WPX Energy Production, LLC	100.0000%
4	FEDERAL TRACTS	TOTALING	561.50	ACRES OR	0.280388299	OF UNIT AREA					
STATE LANDS											
5.	T24N-R8W N.M.P.M. Sec. 36: NW/4NE/4, NE/4NW/4, SW/4NW/4, NW/4SW/4, S/2SW/4, E/2SE/4	320.00	L2986-1 Effective 5/20/1969 HBP	State of New Mexico - All (1/8th royalty)	0.159793866 ✓	Wood Group Pressure Control	100.0000%	Michael P. Grace Corine Grace Mazzola & Co. TOTAL	2.5000% 2.5000% 1.0000% 6.0000%	WPX Energy Production, LLC	100.0000%
NORTHWEST LYBROOK UNIT AREA											

TRACT NO.	DESCRIPTION OF LAND	NUMBER OF ACRES	SERIAL NUMBER & EXPIRATION DATE OF LEASE	BASIC ROYALTY AND PERCENTAGE		LESSEE OF RECORD AND PERCENTAGE		OVERRIDING ROYALTY AND PERCENTAGE		WORKING INTEREST AND PERCENTAGE	
6.	T24N-R8W N.M.P.M. Sec. 36: NE/4NE/4, S/2NE/4, NW/4NW/4, NE/4SW/4, W/2SE/4	280.00	LG-1034-9 Effective 2/1/1973 HBP	State of New Mexico - All (1/8th royalty)	0.139819633	Elm Ridge Exploration Company	100.0000%	Holly Energy, Inc. Robert B. Gates and Nada S. Gates, Trustees of the Robert B. and Nada S. Gates Trust UTA dated June 8, 1984 First National Bank of Midland for the Account of Read & Stevens, Inc. David Payne Hamilton and Julie Katherine Hamilton (co-trustees) joint revocable inter vivos Trust u/t/d March 25, 1996 TOTAL	3.0625% 3.0000% 0.4375% 0.3750% 6.8750%	WPX Energy Production, LLC	100.0000%
7.	T24N-R8W N.M.P.M. Sec. 36: SE/4NW/4	40.00	V096720000 Effective 5/1/2014 Expires 4/15/2019	State of New Mexico - All (1/6th royalty)	0.019974233	WPX Energy Production, LLC	100.0000%	None		WPX Energy Production, LLC	100.0000%
3	STATE TRACTS	TOTALING	640.00	ACRES OR	0.319587732	OF UNIT AREA					
ALLOTTED LANDS											
8.	T24N-R8W N.M.P.M. Sec. 35: NE/4 011-395	160.00	NO-G-0207-1608 Effective 7/16/2001 HBP	Heirs of KE-I-ZE (20% royalty)	0.079896933	Elm Ridge Exploration Company	100.0000%	None		WPX Energy Production, LLC	0.0000%
NORTHWEST LYBROOK UNIT AREA											
											3
											12/10/2014

TRACT NO.	DESCRIPTION OF LAND	NUMBER OF ACRES	SERIAL NUMBER & EXPIRATION DATE OF LEASE	BASIC ROYALTY AND PERCENTAGE		LESSEE OF RECORD AND PERCENTAGE		OVERRIDING ROYALTY AND PERCENTAGE		WORKING INTEREST AND PERCENTAGE		
9.	T24N-R8W N.M.P.M. Sec. 35: SW/4 011-396	160.00	NO-G-0207-1609 Effective 7/16/2002 HBP	Heirs of NEIL-TI (20% royalty)	0.079896933 ✓	Elm Ridge Exploration Company	100.0000%	None		WPX Energy Production, LLC	0.0000%	
10.	T24N-R8W N.M.P.M. Sec. 35: NW/4 011-398	160.00	NO-G-0207-1610 Effective 7/16/2001 HBP	Heirs of SAN-DE-YAH-GO (20% royalty)	0.079896933 ✓	Elm Ridge Exploration Company	100.0000%	None		WPX Energy Production, LLC	0.0000%	
11.	T24N-R8W N.M.P.M. Sec. 25: SE/4 211-388	160.00	NO-G-1312-1847 Effective 12/13/2013 Expires 12-12-2018	Heirs of NAH-TOS-PUR (20% royalty)	0.079896933 ✓	WPX Energy Production, LLC	100.0000%	None		WPX Energy Production, LLC	0.0000%	
12.	T24N-R7W N.M.P.M. Sec. 31: Lots 1, 2, E/2NW/4 211-350	161.08	NO-G-1312-1849 Effective 12/13/2013 Expires 12-12-2018	Heirs of NIP-PAH (20% royalty)	0.080436237 ✓	WPX Energy Production, LLC	100.0000%	None		WPX Energy Production, LLC	0.0000%	
5	ALLOTTED TRACTS	TOTALING	801.08	ACRES OR	0.400023969	OF UNIT AREA						
12	TRACTS	TOTALING	2,002.58	ACRES OR	1.000000000	OF UNIT AREA						
NORTHWEST LYBROOK UNIT AREA											4	12/10/2014

MODEL FORM OPERATING AGREEMENT

*UNIT OPERATING AGREEMENT
NORTHWEST LYBROOK UNIT AREA
COUNTIES OF RIO ARRIBA AND SAN JUAN
STATE OF NEW MEXICO*

DATED EFFECTIVE* and **

November 18th , 2013 ,
year

OPERATOR WPX Energy Production, LLC

CONTRACT UNIT
AREA _____

See Attached Exhibit "A" for Description

COUNTIES OR PARISH OF Rio Arriba and San Juan , STATE OF New Mexico

*Subject to the provisions of Article XVI(A)

**The Execution Date of this Agreement shall be _____.

TABLE OF CONTENTS

<u>Article</u>	<u>Title</u>	<u>Page</u>
I.	DEFINITIONS	1
II.	EXHIBITS	2
III.	INTERESTS OF PARTIES	3
	A. OIL AND GAS INTERESTS:	3
	B. INTERESTS OF PARTIES IN COSTS AND PRODUCTION:	3
	C. SUBSEQUENTLY CREATED INTERESTS:	3
IV.	TITLES	3
	A. TITLE EXAMINATION:	3
	B. LOSS OR FAILURE OF TITLE:	4
	1. Failure of Title	4
	2. Loss by Non-Payment or Erroneous Payment of Amount Due	4
	3. Other Losses	4
	4. Curing Title	4
V.	OPERATOR	5
	A. DESIGNATION AND RESPONSIBILITIES OF OPERATOR:	5
	B. RESIGNATION OR REMOVAL OF OPERATOR AND SELECTION OF SUCCESSOR:	5
	1. Resignation or Removal of Operator	5
	2. Selection of Successor Operator	5
	3. Effect of Bankruptcy	5
	C. EMPLOYEES AND CONTRACTORS:	5
	D. RIGHTS AND DUTIES OF OPERATOR:	5
	1. Competitive Rates and Use of Affiliates	5
	2. Discharge of Joint Account Obligations	5
	3. Protection from Liens	5
	4. Custody of Funds	6
	5. Access to Contract Unit Area and Records	6
	6. Filing and Furnishing Governmental Reports	6
	7. Drilling and Testing Operations	6
	8. Cost Estimates	6
	9. Insurance	6
VI.	DRILLING AND DEVELOPMENT	6
	A. INITIAL TEST WELL:	6
	B. SUBSEQUENT OPERATIONS:	6
	1. Proposed Operations	6
	2. Operations by Less Than All Parties	7
	3. Stand-By Costs	9
	4. Deepening	9
	5. Sidetracking	9
	6. Order of Preference of Operations	9
	7. Conformity to Spacing Pattern	10
	8. Paying Wells	10
	C. COMPLETION OF WELLS; REWORKING AND PLUGGING BACK:	10
	1. Completion	10
	2. Rework, Recomplete or Plug Back	10
	D. OTHER OPERATIONS:	10
	E. ABANDONMENT OF WELLS:	11
	1. Abandonment of Dry Holes	11
	2. Abandonment of Wells That Have Produced	11
	3. Abandonment of Non-Consent Operations	11
	F. TERMINATION OF OPERATIONS:	11
	G. TAKING PRODUCTION IN KIND:	12
	(Option 1) Gas Balancing Agreement	12
	(Option 2) No Gas Balancing Agreement	12
VII.	EXPENDITURES AND LIABILITY OF PARTIES	13
	A. LIABILITY OF PARTIES:	13
	B. LIENS AND SECURITY INTERESTS:	13
	C. ADVANCES:	14
	D. DEFAULTS AND REMEDIES:	14
	1. Suspension of Rights	14
	2. Suit for Damages	14
	3. Deemed Non-Consent	14
	4. Advance Payment	14
	5. Costs and Attorneys' Fees	14
	E. RENTALS, SHUT-IN WELL PAYMENTS AND MINIMUM ROYALTIES:	14
	F. TAXES:	15
VIII.	ACQUISITION, MAINTENANCE OR TRANSFER OF INTEREST	15
	A. SURRENDER OF LEASES:	15
	B. RENEWAL OR EXTENSION OF LEASES:	15
	C. ACREAGE OR CASH CONTRIBUTIONS:	16

TABLE OF CONTENTS

D. ASSIGNMENT; ~~MAINTENANCE OF UNIFORM INTEREST~~: 16

E. WAIVER OF RIGHTS TO PARTITION: 16

~~F. PREFERENTIAL RIGHT TO PURCHASE: 16~~

IX. INTERNAL REVENUE CODE ELECTION 16

X. CLAIMS AND LAWSUITS 17

XI. FORCE MAJEURE 17

XII. NOTICES 17

XIII. TERM OF AGREEMENT 17

XIV. COMPLIANCE WITH LAWS AND REGULATIONS 18

 A. LAWS, REGULATIONS AND ORDERS: 18

 B. GOVERNING LAW: 18

 C. REGULATORY AGENCIES: 18

XV. MISCELLANEOUS 18

 A. EXECUTION: 18

 B. SUCCESSORS AND ASSIGNS: 18

 C. COUNTERPARTS: 18

 D. SEVERABILITY 18

XVI. OTHER PROVISIONS 18

OPERATING AGREEMENT

THIS AGREEMENT, entered into by and between See signatories on Page 21 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 entered into that certain Unit Agreement for the Development and Operation of the Northwest Lybrook Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, dated as of the ___ day of _____, 2014, and hereinafter referred to as the "Unit Agreement" 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,

WHEREAS, the Parties enter into this agreement pursuant to Section 7 of the Unit Agreement.

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 a DETAILED 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. 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.

B. The term "Completion" or "Complete" shall mean a single 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, well stimulation and production testing conducted in such operation.

C. The term "Contract Area" "Unit 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. When used in connection with a Multi-lateral or Horizontal 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 total measured depth to which the Lateral was previously drilled.

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 or more well(s) 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 Unit Area unless fixed by express agreement of the Drilling Parties.

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 "Drillsite" when used in connection with a Horizontal or Multi-lateral Well shall mean the surface location and the Oil and Gas Leases or Oil and Gas Interests within the spacing unit on which the wellbores, including all Laterals, are located.

H. The term "Initial Test Well" shall mean the well required to be drilled by the parties hereto as provided in Article VI.A.

I. The term "Non-Consent Well" shall mean a well in which 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 therewith, 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 Unit 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 Unit 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. 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 geological horizon in which the operation has been or is being Completed and which is not within an existing Lateral.

O. The term "Recompletion" or "Recomplete" shall mean an operation whereby a Completion 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. 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 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 completion 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.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74

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 Multi-lateral or Horizontal Well, shall mean the distance from the surface of the ground 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.

X. The term "Horizontal" shall mean approximately parallel to the earth's surface or more generally a deviation from vertical of more than 30 degrees.

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:

- A. Exhibit "A," shall include the following information:
 - (1) Description of lands subject to this agreement
 - (2) Restrictions, if any, as to depths, formations, 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.
 - (7) Plat of Unit Area.
- ~~input checked="" type="checkbox"/> B. ~~Exhibit "B," Form of Lease.~~~~
- C. Exhibit "C," Accounting Procedure.
- D. Exhibit "D," Insurance, with Insurance Election Ballot(s).
- E. Exhibit "E," Gas Balancing Agreement.
- F. Exhibit "F," Non-Discrimination and Certification of Non-Segregated Facilities.
- ~~input checked="" type="checkbox"/> G. ~~Exhibit "G," Tax Partnership.~~~~
- H. Other: Recording Supplement and Financing Statement, Form 610RS
- I. Other: Netting, Cash Settlement and Indemnity Provisions

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

3 **ARTICLE III.**
 4 **INTERESTS OF PARTIES**

5 **A. Oil and Gas Interests:**

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

9 **B. Interests of Parties in Costs and Production:**

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

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

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

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

32 **C. Subsequently Created Interests:**

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

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

50 **ARTICLE IV.**
 51 **TITLES**

52 **A. Title Examination:**

53 Title examination shall be made on the Drillsite of any proposed well prior to commencement of drilling operations and,
 54 if a majority in interest of the Drilling Parties so request or Operator so elects, title examination shall be made on the entire
 55 Drilling Unit, or maximum anticipated Drilling Unit, of the well. The opinion will include the ownership of the working
 56 interest, minerals, royalty, overriding royalty and production payments under the applicable Leases. Each party contributing
 57 Leases and/or Oil and Gas Interests to be included in the Drillsite or Drilling Unit, if appropriate, shall furnish to Operator
 58 all abstracts (including federal lease status reports), title opinions, title papers and curative material in its possession free of
 59 charge. All such information not in the possession of or made available to Operator by the parties, but necessary for the
 60 examination of the title, shall be obtained by Operator. Operator shall cause title to be examined by attorneys on its staff or
 61 by outside attorneys. Copies of all title opinions shall be furnished to each Drilling Party **upon written request**. Costs incurred by Operator
 62 in procuring abstracts, fees paid outside attorneys or other **outside land consultants** for title examination (including preliminary,
 63 supplemental, shut-in royalty opinions and division order title opinions) and other direct charges as provided in Exhibit "C" shall be borne
 64 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
 65 interests appear in Exhibit "A." Operator shall make no charge for services rendered by its staff attorneys or other personnel in the
 66 performance of the above functions.

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

A.A.P.L. FORM 610 - MODEL FORM OPERATING AGREEMENT - 1989

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

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

6 **B. Loss or Failure of Title:**

7 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
8 reduction of interest from that shown on Exhibit "A," the party credited with contributing the affected Lease or Interest
9 (including, if applicable, a successor in interest to such party) shall have ninety (90) days from final determination of title
10 failure to acquire a new lease or other instrument curing the entirety of the title failure, which acquisition will not be subject
11 to Article VIII.B., and failing to do so, this agreement, nevertheless, shall continue in force as to all remaining Oil and Gas
12 Leases and Interests; and,

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

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

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

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

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

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

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

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

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

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

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

64 3. Other Losses: All losses of Leases or Interests committed to this agreement, other than those set forth in Articles
65 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
66 Exhibit "A." This shall include but not be limited to the loss of any Lease or Interest through failure to develop or because
67 express or implied covenants have not been performed (other than performance which requires only the payment of money),
68 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
69 readjustment of interests in the remaining portion of the ~~Contract~~ Unit Area on account of any joint loss.

70 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
71 Lease or Interest acquired by any party hereto (other than the party whose interest has failed or was lost) during the ninety
72 (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
73 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.
74 shall not apply to such acquisition.

**ARTICLE V.
OPERATOR**

A. Designation and Responsibilities of Operator:

WPX Energy Production, LLC shall be the Operator of the ~~Contract~~ Unit Area, and shall conduct and direct and have full control of all operations on the ~~Contract~~ Unit 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.

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~~ Unit 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~~ Unit 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~~ Unit 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 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~~ Unit 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~~ Unit Area pursuant to this agreement and shall charge each of the parties hereto with their respective proportionate shares upon the expense basis provided in Exhibit "C." Operator shall keep an accurate record of the joint account hereunder, showing expenses incurred and charges and credits made and received.

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~~ Unit Area or any operations for the joint account thereof, and shall keep the ~~Contract~~ Unit Area free from

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

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

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

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

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

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

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

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

36 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
37 confidential by the Non-Operator and shall not be disclosed by the Non-Operator without the prior written consent of Operator.

38 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
39 shall only apply in favor of those Non-Operator Parties who are Consenting Parties with the respect to a proposed operation, until such time
40 as the Consenting Parties are no longer entitled to the Non-Consenting Party's share of production, or the proceeds therefrom, attributable to
41 the proposed operation in which the Non-Consenting Parties did not participate.

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

45 9. Insurance: At all times while operations are conducted hereunder, Operator shall comply with the workers
46 compensation law of the state where the operations are being conducted; provided, however, that Operator may be a self-
47 insurer for liability under said compensation laws in which event the only charge that shall be made to the joint account shall
48 be as provided in Exhibit "C." Operator shall also carry or provide insurance for the benefit of the joint account of the parties
49 as outlined in Exhibit "D" attached hereto and made a part hereof. Operator shall require all contractors engaged in work on
50 or for the ~~Contract~~ Unit Area to comply with the workers compensation law of the state where the operations are being conducted
51 and to maintain such other insurance as Operator may require.

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

55 **ARTICLE VI.**
56 **DRILLING AND DEVELOPMENT**

57 **A. Initial Test Well:**

58 ~~On or before the _____ day of _____, Operator shall commence the drilling of the Initial Test~~
59 ~~Well at the following location:~~

60 ~~and shall thereafter continue the drilling of the well with due diligence to a depth sufficient to adequately test the _____ Mancos~~
61 ~~_____ formation.~~

62 Operator shall have the right to cease drilling any Horizontal or Multi-lateral Well at any time, for any reason, and any such Well shall be
63 deemed to have reached its objective depth so long as Operator has drilled any such Well to the objective formation(s) and has drilled
64 horizontally in the objective formation(s) sufficient to test the Mancos formation.

65 ~~The drilling of the Initial Well and the participation therein by all parties is obligatory, subject to Article VI.C.1. as to participation~~
66 ~~in Completion operations and Article VI.F. as to termination of operations and Article XI as to occurrence of force majeure.~~

67 **B. Subsequent Operations:**

68 1. Proposed Operations: If any party hereto should desire to drill any well on the ~~Contract~~ Unit Area ~~other than the Initial Test Well,~~
69 or if any party should desire to Rework, Sidetrack, Deepen, Recomplete or Plug Back a dry hole or a well no longer capable of
70 producing in paying quantities in which such party has not otherwise relinquished its interest in the proposed objective Zone under
71 this agreement, the party desiring to drill, Rework, Sidetrack, Deepen, Recomplete or Plug Back such a well shall give written
72 notice of the proposed operation to the parties who have not otherwise relinquished their interest in such objective Zone
73

A.A.P.L. FORM 610 - MODEL FORM OPERATING AGREEMENT - 1989

1 under this agreement and to all other parties in the case of a proposal for Sidetracking or Deepening, specifying the work to be
2 performed, the location, proposed depth, objective Zone and the estimated cost of the operation. The parties to whom such a
3 notice is delivered shall have thirty (30) days after receipt of the notice within which to notify the party proposing to do the work
4 whether they elect to participate in the cost of the proposed operation. If a drilling rig is on location, notice of a proposal to
5 Rework, Sidetrack, Recomplete, Plug Back or Deepen may be given by telephone and the response period shall be limited to forty-
6 eight (48) hours, exclusive of Saturday, Sunday and legal holidays. Failure of a party to whom such notice is delivered to reply
7 within the period above fixed shall constitute an election by that party not to participate in the cost of the proposed operation.
8 Any proposal by a party to conduct an operation conflicting with the operation initially proposed shall be delivered to all parties
9 within the time and in the manner provided in Article VI.B.6.

10 If all parties to whom such notice is delivered elect to participate in such a proposed operation, the parties shall be
11 contractually committed to participate therein provided such operations are commenced within the time period hereafter set
12 forth, and Operator shall, no later than ~~ninety (90)~~ **one hundred twenty (120)** days after expiration of the notice period of thirty (30) days (or
13 as promptly as practicable after the expiration of the forty-eight (48) hour period when a drilling rig is on location, as the case maybe),
14 actually commence the proposed operation and thereafter complete it with due diligence at the risk and expense of
15 the parties participating therein; provided, however, said commencement date may be extended upon written notice of same
16 by Operator to the other parties, for a period of up to ~~thirty (30)~~ **sixty (60)** additional days if, in the sole opinion of Operator, such
17 additional time is reasonably necessary to obtain permits from governmental authorities, surface rights (including rights-of-
18 way) or appropriate drilling equipment, or to complete title examination or curative matter required for title approval or
19 acceptance. If the actual operation has not been commenced within the time provided (including any extension thereof as
20 specifically permitted herein or in the force majeure provisions of Article XI) and if any party hereto still desires to conduct
21 said operation, written notice proposing same must be resubmitted to the other parties in accordance herewith as if no prior
22 proposal had been made. Those parties that did not participate in the drilling of a well for which a proposal to Deepen or
23 Sidetrack is made hereunder shall, if such parties desire to participate in the proposed Deepening or Sidetracking operation,
24 reimburse the Drilling Parties in accordance with Article VI.B.4. in the event of a Deepening operation and in accordance
25 with Article VI.B.5. in the event of a Sidetracking operation.
26
27

28 **2. Operations by Less Than All Parties:**

29 (a) Determination of Participation. If any party to whom such notice is delivered as provided in Article VI.B.1. or
30 V.I.C.1. (Option No. 2) elects not to participate in the proposed operation, then, in order to be entitled to the benefits of this
31 Article, the party or parties giving the notice and such other parties as shall elect to participate in the operation shall, no
32 later than ninety (90) days after the expiration of the notice period of thirty (30) days (or as promptly as practicable after the
33 expiration of the forty-eight (48) hour period when a drilling rig is on location, as the case may be) actually commence the
34 proposed operation and complete it with due diligence. Operator shall perform all work for the account of the Consenting
35 Parties; provided, however, if no drilling rig or other equipment is on location, and if Operator is a Non-Consenting Party,
36 the Consenting Parties shall either: (i) request Operator to perform the work required by such proposed operation for the
37 account of the Consenting Parties, or (ii) designate one of the Consenting Parties as Operator to perform such work. The
38 rights and duties granted to and imposed upon the Operator under this agreement are granted to and imposed upon the party
39 designated as Operator for an operation in which the original Operator is a Non-Consenting Party. Consenting Parties, when
40 conducting operations on the ~~Contract~~ Unit Area pursuant to this Article VI.B.2., shall comply with all terms and conditions of this
41 agreement.
42

43 If less than all parties approve any proposed operation, the proposing party, immediately after the expiration of the
44 applicable notice period, shall advise all Parties of the total interest of the parties approving such operation and its
45 recommendation as to whether the Consenting Parties should proceed with the operation as proposed. Each Consenting Party,
46 within forty-eight (48) hours (exclusive of Saturday, Sunday, and legal holidays) after delivery of such notice, shall advise the
47 proposing party of its desire to (i) limit participation to such party's interest as shown on Exhibit "A" or (ii) carry only its
48 proportionate part (determined by dividing such party's interest in the ~~Contract~~ Unit Area by the interests of all Consenting Parties in
49 the ~~Contract~~ Unit Area) of Non-Consenting Parties' interests, or (iii) carry its proportionate part (determined as provided in (ii)) of
50 Non-Consenting Parties' interests together with all or a portion of its proportionate part of any Non-Consenting Parties'
51 interests that any Consenting Party did not elect to take. Any interest of Non-Consenting Parties that is not carried by a
52 Consenting Party shall be deemed to be carried by the party proposing the operation if such party does not withdraw its
53 proposal. Failure to advise the proposing party within the time required shall be deemed an election under (i). In the event a
54 drilling rig is on location, notice may be given by telephone, and the time permitted for such a response shall not exceed a
55 total of forty-eight (48) hours (exclusive of Saturday, Sunday and legal holidays). The proposing party, at its election, may
56 withdraw such proposal if there is less than 100% participation and shall notify all parties of such decision within ten (10)
57 days, or within twenty-four (24) hours if a drilling rig is on location, following expiration of the applicable response period.
58 If 100% subscription to the proposed operation is obtained, the proposing party shall promptly notify the Consenting Parties
59 of their proportionate interests in the operation and the party serving as Operator shall commence such operation within the
60 period provided in Article VI.B.1., subject to the same extension right as provided therein.

61 (b) Relinquishment of Interest for Non-Participation. The entire cost and risk of conducting such operations shall be
62 borne by the Consenting Parties in the proportions they have elected to bear same under the terms of the preceding
63 paragraph. Consenting Parties shall keep the leasehold estates involved in such operations free and clear of all liens and
64 encumbrances of every kind created by or arising from the operations of the Consenting Parties. If such an operation results
65 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
66 the surface location at their sole cost, risk and expense; provided, however, that those Non-Consenting Parties that
67 participated in the drilling, Deepening or Sidetracking of the well shall remain liable for, and shall pay, their proportionate
68 shares of the cost of plugging and abandoning the well and restoring the surface location insofar only as those costs were not
69 increased by the subsequent operations of the Consenting Parties. If any well drilled, Reworked, Sidetracked, Deepened,
70 Recompleted or Plugged Back under the provisions of this Article results in a well capable of producing Oil and/or Gas in
71 paying quantities, the Consenting Parties shall Complete and equip the well to produce at their sole cost and risk, and the
72 well shall then be turned over to Operator (if the Operator did not conduct the operation) and shall be operated by it at the
73 expense and for the account of the Consenting Parties. Upon commencement of operations for the drilling, Reworking,
74

A.A.P.L. FORM 610 - MODEL FORM OPERATING AGREEMENT - 1989

1 Sidetracking, Recompleting, Deepening or Plugging Back of any such well by Consenting Parties in accordance with the
2 provisions of this Article, each Non-Consenting Party shall be deemed to have relinquished to Consenting Parties, and the
3 Consenting Parties shall own and be entitled to receive, in proportion to their respective interests, all of such Non-
4 Consenting Party's interest in the well and share of production therefrom or, in the case of a Reworking, Sidetracking,
5 Deepening, Recompleting or Plugging Back, or a Completion pursuant to Article VI.C.1. Option No. 2, all of such Non-
6 Consenting Party's interest in the production obtained from the operation in which the Non-Consenting Party did not elect
7 to participate. Such relinquishment shall be effective until the proceeds of the sale of such share, calculated at the well, or
8 market value thereof if such share is not sold (after deducting applicable ad valorem, production, severance, and excise taxes,
9 royalty, overriding royalty and other interests not excepted by Article III.C. payable out of or measured by the production
10 from such well accruing with respect to such interest until it reverts), shall equal the total of the following:

11 (i) 150 % of each such Non-Consenting Party's share of the cost of any newly acquired surface equipment
12 beyond the wellhead connections (including but not limited to stock tanks, separators, treaters, pumping equipment and
13 piping), plus 100% of each such Non-Consenting Party's share of the cost of operation of the well commencing with first
14 production and continuing until each such Non-Consenting Party's relinquished interest shall revert to it under other
15 provisions of this Article, it being agreed that each Non-Consenting Party's share of such costs and equipment will be that
16 interest which would have been chargeable to such Non-Consenting Party had it participated in the well from the beginning
17 of the operations; and

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

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

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

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

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

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

68 If and when the Consenting Parties recover from a Non-Consenting Party's relinquished interest the amounts provided
69 for above, the relinquished interests of such Non-Consenting Party shall automatically revert to it as of 7:00 a.m. on the day
70 following the day on which such recoupment occurs, and, from and after such reversion, such Non-Consenting Party shall
71 own the same interest in such well, the material and equipment in or pertaining thereto, and the production therefrom as
72 such Non-Consenting Party would have been entitled to had it participated in the drilling, Sidetracking, Reworking,
73 Deepening, Recompleting or Plugging Back of said well. Thereafter, such Non-Consenting Party shall be charged with and
74

A.A.P.L. FORM 610 - MODEL FORM OPERATING AGREEMENT - 1989

1 shall pay its proportionate part of the further costs of the operation of said well including, plugging and abandonment, clean up and damages
2 in accordance with the terms of this agreement and Exhibit "C" attached hereto.

3 3. Stand-By Costs: When a well which has been drilled or Deepened has reached its authorized depth and all tests have
4 been completed and the results thereof furnished to the parties, or when operations on the well have been otherwise
5 terminated pursuant to Article VI.F., stand-by costs incurred pending response to a party's notice proposing a Reworking,
6 Sidetracking, Deepening, Recompleting, Plugging Back or Completing operation in such a well (including the period required
7 under Article VI.B.6. to resolve competing proposals) shall be charged and borne as part of the drilling or Deepening
8 operation just completed. Stand-by costs subsequent to all parties responding, or expiration of the response time permitted,
9 whichever first occurs, and prior to agreement as to the participating interests of all Consenting Parties pursuant to the terms
10 of the second grammatical paragraph of Article VI.B.2. (a), shall be charged to and borne as part of the proposed operation,
11 but if the proposal is subsequently withdrawn because of insufficient participation, such stand-by costs shall be allocated
12 between the Consenting Parties in the proportion each Consenting Party's interest as shown on Exhibit "A" bears to the total
13 interest as shown on Exhibit "A" of all Consenting Parties.

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

21 4. Deepening: If less than all parties elect to participate in a drilling, Sidetracking, or Deepening operation proposed
22 pursuant to Article VI.B.1., the interest relinquished by the Non-Consenting Parties to the Consenting Parties under Article
23 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
24 of which the parties were given notice under Article VI.B.1. ("Initial Objective"). Such well shall not be Deepened beyond the
25 Initial Objective without first complying with this Article to afford the Non-Consenting Parties the opportunity to participate
26 in the Deepening operation.

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

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

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

53 The foregoing shall not imply a right of any Consenting Party to propose any Deepening for a Non-Consent Well prior
54 to the drilling of such well to its Initial Objective without the consent of the other Consenting Parties as provided in Article
55 VI.F. This Article VI.B.4 shall not apply to Deepening operations within an existing Lateral of a Horizontal or Multi-Lateral Well. The
56 Non-Consenting Parties non-consent election shall be deemed to also apply to any Deepening or extending operation within an existing
57 Lateral of a Horizontal or Multi-Lateral well.

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

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

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

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

72 6. Order of Preference of Operations. Except as otherwise specifically provided in this agreement, if any party desires to
73 propose the conduct of an operation that conflicts with a proposal that has been made by a party under this Article VI, such
74 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

1 an operation on a well where no drilling rig is on location, or twenty-four (24) hours, exclusive of Saturday, Sunday and legal
 2 holidays, from delivery of the initial proposal, if a drilling rig is on location for the well on which such operation is to be
 3 conducted, to deliver to all parties entitled to participate in the proposed operation such party's alternative proposal, such
 4 alternate proposal to contain the same information required to be included in the initial proposal. Each party receiving such
 5 proposals shall elect by delivery of notice to Operator within five (5) days after expiration of the proposal period, or within
 6 twenty-four (24) hours (exclusive of Saturday, Sunday and legal holidays) if a drilling rig is on location for the well that is the
 7 subject of the proposals, to participate in one of the competing proposals. Any party not electing within the time required
 8 shall be deemed not to have voted. The proposal receiving the vote of parties owning the largest aggregate percentage
 9 interest of the parties voting shall have priority over all other competing proposals; in the case of a tie vote, the initial proposal shall
 10 prevail. Operator shall deliver notice of such result to all parties entitled to participate in the operation
 11 within five (5) days after expiration of the election period (or within twenty-four (24) hours, exclusive of Saturday, Sunday
 12 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
 13 is on location) from receipt of such notice to elect by delivery of notice to Operator to participate in such operation or to
 14 relinquish interest in the affected well pursuant to the provisions of Article VI.B.2.; failure by a party to deliver notice within
 15 such period shall be deemed an election not to participate in the prevailing proposal.

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

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

22 **C. Completion of Wells; Reworking and Plugging Back:**

23 1. Completion. Without the consent of all parties, no well shall be drilled, Deepened or Sidetracked, except any well
 24 drilled, Deepened or Sidetracked pursuant to the provisions of Article VI.B.2. of this agreement. Consent to the drilling,
 25 Deepening or Sidetracking shall include **as to Horizontal or Multi-Lateral Wells Option 1 below and as to Vertical Wells Option 2 below:**

26 Option No. 1 (Horizontal Wells): All necessary expenditures for the drilling, Deepening or Sidetracking, testing, Completing and
 27 equipping of the well, a **Horizontal or Multi-Lateral Well** including necessary tankage and/or surface facilities. **For any**
 28 **Horizontal or Multi-Lateral Well subject to this Agreement, Completion operations shall be included in the proposed drilling**
 29 **operations for such well.**

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

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

62 **D. Other Operations:**

63 Operator shall not undertake any single project reasonably estimated to require an expenditure in excess of _____
 64 One Hundred Thousand Dollars (\$ 100,000.00) except in connection with the
 65 drilling, Sidetracking, Reworking, Deepening, Completing, Recompleting or Plugging Back of a well that has been previously
 66 authorized by or pursuant to this agreement; provided, however, that, in case of explosion, fire, flood or other sudden
 67 emergency, whether of the same or different nature, Operator may take such steps and incur such expenses as in its opinion
 68 are required to deal with the emergency to safeguard life and property but Operator, as promptly as possible, shall report the
 69 emergency to the other parties. If Operator prepares an AFE for its own use, Operator shall furnish any Non-Operator so
 70 requesting an information copy thereof for any single project costing in excess of Fifty Thousand Dollars
 71 (\$ 50,000.00). Any party who has not relinquished its interest in a well shall have the right to propose that
 72 Operator perform repair work or undertake the installation of artificial lift equipment or ancillary production facilities such as
 73 salt water disposal wells or to conduct additional work with respect to a well drilled hereunder or other similar project (but
 74

1 not including the installation of gathering lines or other transportation or marketing facilities, the installation of which shall
 2 be governed by separate agreement between the parties) reasonably estimated to require an expenditure in excess of the
 3 amount first set forth above in this Article VI.D. (except in connection with an operation required to be proposed under
 4 Articles VI.B.1. or VI.C.1. Option No. 2, which shall be governed exclusively by those Articles). Operator shall deliver such
 5 proposal to all parties entitled to participate therein. If within thirty (30) days thereof Operator secures the written consent
 6 of any party or parties owning at least 51% of the interests of the parties entitled to participate in such operation,
 7 each party having the right to participate in such project shall be bound by the terms of such proposal and shall be obligated
 8 to pay its proportionate share of the costs of the proposed project as if it had consented to such project pursuant to the terms
 9 of the proposal.

10 E. Abandonment of Wells:

11 1. Abandonment of Dry Holes: Except for any well drilled or Deepened pursuant to Article VI.B.2., any well which has
 12 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
 13 abandoned without the consent of all parties. Should Operator, after diligent effort, be unable to contact any
 14 party, or should any party fail to reply within forty-eight (48) hours (exclusive of Saturday, Sunday and legal holidays) after
 15 delivery of notice of the proposal to plug and abandon such well, such party shall be deemed to have consented to the
 16 proposed abandonment. All such wells shall be plugged and abandoned in accordance with applicable regulations and at the
 17 cost, risk and expense of the parties who participated in the cost of drilling or Deepening such well. Any party who objects to
 18 plugging and abandoning such well by notice delivered to Operator within forty-eight (48) hours (exclusive of Saturday,
 19 Sunday and legal holidays) after delivery of notice of the proposed plugging shall take over the well as of the end of such
 20 forty-eight (48) hour notice period and conduct further operations in search of Oil and/or Gas subject to the provisions of
 21 Article VI.B.; failure of such party to provide proof reasonably satisfactory to Operator of its financial capability to conduct
 22 such operations or to take over the well within such period or thereafter to conduct operations on such well or plug and
 23 abandon such well shall entitle Operator to retain or take possession of the well and plug and abandon the well. The party
 24 taking over the well shall indemnify Operator (if Operator is an abandoning party) and the other abandoning parties against
 25 liability for any further operations conducted on such well except for the costs of plugging and abandoning the well and
 26 restoring the surface, for which the abandoning parties shall remain proportionately liable.

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

40 Parties taking over a well as provided herein shall tender to each of the other parties its proportionate share of the value of
 41 the well's salvable material and equipment, determined in accordance with the provisions of Exhibit "C," less the estimated cost
 42 of salvaging and the estimated cost of plugging and abandoning and restoring the surface; provided, however, that in the event
 43 the estimated plugging and abandoning and surface restoration costs and the estimated cost of salvaging are higher than the
 44 value of the well's salvable material and equipment, each of the abandoning parties shall tender to the parties continuing
 45 operations their proportionate shares of the estimated excess cost. Each abandoning party shall assign to the non-abandoning
 46 parties, without warranty, express or implied, as to title or as to quantity, or fitness for use of the equipment and material, all
 47 of its interest in the wellbore of the well and related equipment, together with its interest in the Leasehold insofar and only
 48 insofar as such Leasehold covers the right to obtain production from that wellbore in the Zone then open to production. If the
 49 interest of the abandoning party is or includes an Oil and Gas Interest, such party shall execute and deliver to the non-
 50 abandoning party or parties an oil and gas lease, limited to the wellbore and the Zone then open to production, for a term of
 51 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
 52 attached as Exhibit "B." The assignments or leases so limited shall encompass the Drilling Unit upon which the well is located.
 53 The payments by, and the assignments or leases to, the assignees shall be in a ratio based upon the relationship of their
 54 respective percentage of participation in the ~~Contract~~ Unit Area to the aggregate of the percentages of participation in the Contract
 55 Area of all assignees. There shall be no readjustment of interests in the remaining portions of the ~~Contract~~ Unit Area.

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

63 3. Abandonment of Non-Consent Operations: The provisions of Article VI.E.1. or VI.E.2. above shall be applicable as
 64 between Consenting Parties in the event of the proposed abandonment of any well excepted from said Articles; provided,
 65 however, no well shall be permanently plugged and abandoned unless and until all parties having the right to conduct further
 66 operations therein have been notified of the proposed abandonment and afforded the opportunity to elect to take over the well
 67 in accordance with the provisions of this Article VI.E.; and provided further, that Non-Consenting Parties who own an interest
 68 in a portion of the well shall pay their proportionate shares of abandonment and surface restoration cost for such well as
 69 provided in Article VI.B.2.(b).

70 F. Termination of Operations:

71 Upon the commencement of an operation for the drilling, Reworking, Sidetracking, Plugging Back, Deepening, testing,
 72 Completion or plugging of a well, including but not limited to the Initial Well, such operation shall not be terminated without
 73 consent of parties bearing 51% of the costs of such operation; provided, however, that in the event granite or other
 74

A.A.P.L. FORM 610 - MODEL FORM OPERATING AGREEMENT - 1989

1 practically impenetrable substance or condition in the hole is encountered which renders further operations impractical.
2 Operator may discontinue operations and give notice of such condition in the manner provided in Article VI.B.1, and the
3 provisions of Article VI.B. or VI.E. shall thereafter apply to such operation, as appropriate.

4 **G. Taking Production in Kind:**

5 **Option No. 1: Gas Balancing Agreement Attached* to be effective as of the date Approval of the South Chaco Unit by the**
6 **Bureau of Land Management and F.L.M.O.**

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

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

16 If any party fails to make the arrangements necessary to take in kind or separately dispose of its proportionate
17 share of the Oil and/or gas produced from the ~~Contract~~ Unit Area, Operator shall have the right, subject to the revocation at will by
18 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
19 time, for the account of the non-taking party. Any such purchase or sale by Operator may be terminated by
20 Operator upon at least ten (10) days written notice to the owner of said production and shall be subject always to
21 the right of the owner of the production upon at least ten (10) days written notice to Operator to exercise at any
22 time its right to take in kind, or separately dispose of, its share of all Oil and/or gas not previously delivered to a purchaser.
23 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
24 as are consistent with the minimum needs of the industry under the particular circumstances, but in no event for a
25 period in excess of one (1) year.

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

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

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

41 **Option No. 2: No Gas Balancing Agreement:**

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

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

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

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

72 ~~All parties shall give timely written notice to Operator of their Gas marketing arrangements for the following~~
73 ~~month, excluding price, and shall notify Operator immediately in the event of a change in such arrangements.~~

74

1 Operator shall maintain records of all marketing arrangements, and of volumes actually sold or transported, which
2 records shall be made available to Non-Operators upon reasonable request.

3 **ARTICLE VII.**

4 **EXPENDITURES AND LIABILITY OF PARTIES**

5 **A. Liability of Parties:**

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

16 **B. Liens and Security Interests:**

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

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

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

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

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

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

70 Each party agrees that the other parties shall be entitled to utilize the provisions of Oil and Gas lien law or other lien
71 law of any state in which the ~~Contract~~ Unit Area is situated to enforce the obligations of each party hereunder. Without limiting
72 the generality of the foregoing, to the extent permitted by applicable law, Non-Operators agree that Operator may invoke or
73 utilize the mechanics' or materialmen's lien law of the state in which the ~~Contract~~ Unit Area is situated in order to secure the

A.A.P.L. FORM 610 - MODEL FORM OPERATING AGREEMENT - 1989

1 payment to Operator of any sum due hereunder for services performed or materials supplied by Operator.

2 **C. Advances:**

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

12 **D. Defaults and Remedies:**

13 If any party fails to discharge any financial obligation under this agreement, including without limitation the failure to
14 make any advance under the preceding Article VII.C. or any other provision of this agreement, within the period required for
15 such payment hereunder, then in addition to the remedies provided in Article VII.B. or elsewhere in this agreement, the
16 remedies specified below shall be applicable. For purposes of this Article VII.D., all notices and elections shall be delivered
17 only by Operator, except that Operator shall deliver any such notice and election requested by a non-defaulting Non-Operator,
18 and when Operator is the party in default, the applicable notices and elections can be delivered by any Non-Operator.
19 Election of any one or more of the following remedies shall not preclude the subsequent use of any other remedy specified
20 below or otherwise available to a non-defaulting party.

21 1. Suspension of Rights: Any party may deliver to the party in default a Notice of Default, which shall specify the default,
22 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
23 or more of the remedies provided in this Article. If the default is not cured within thirty (30) days of the delivery of such
24 Notice of Default, all of the rights of the defaulting party granted by this agreement may upon notice be suspended until the
25 default is cured, without prejudice to the right of the non-defaulting party or parties to continue to enforce the obligations of
26 the defaulting party previously accrued or thereafter accruing under this agreement. If Operator is the party in default, the
27 Non-Operators shall have in addition the right, by vote of Non-Operators owning a majority in interest in the ~~Contract~~ Unit Area
28 after excluding the voting interest of Operator, to appoint a new Operator effective immediately. The rights of a defaulting
29 party that may be suspended hereunder at the election of the non-defaulting parties shall include, without limitation, the right
30 to receive information as to any operation conducted hereunder during the period of such default, the right to elect to
31 participate in an operation proposed under Article VI.B. of this agreement, the right to participate in an operation being
32 conducted under this agreement even if the party has previously elected to participate in such operation, and the right to
33 receive proceeds of production from any well subject to this agreement.

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

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

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

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

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

64 **E. Rentals, Shut-in Well Payments and Minimum Royalties:**

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

72 ~~Operator shall notify Non-Operators of the anticipated completion of a shut-in well, or the shutting in or return to~~
73 ~~production of a producing well, at least five (5) days (excluding Saturday, Sunday, and legal holidays) prior to taking such~~
74

1 action, or at the earliest opportunity permitted by circumstances, but assumes no liability for failure to do so. In the event of
 2 failure by Operator to so notify Non-Operators, the loss of any lease contributed hereto by Non-Operators for failure to make
 3 timely payments of any shut-in well payment shall be borne jointly by the parties hereto under the provisions of Article
 4 IV.B.3.

5 **F. Taxes:**

6 Beginning with the first calendar year after the effective date hereof, Operator shall render for ad valorem taxation all
 7 property subject to this agreement which by law should be rendered for such taxes, and it shall pay all such taxes assessed
 8 thereon before they become delinquent. Prior to the rendition date, each Non-Operator shall furnish Operator information as
 9 to burdens (to include, but not be limited to, royalties, overriding royalties and production payments) on Leases and Oil and
 10 Gas Interests contributed by such Non-Operator. If the assessed valuation of any Lease is reduced by reason of its being
 11 subject to outstanding excess royalties, overriding royalties or production payments, the reduction in ad valorem taxes
 12 resulting therefrom shall inure to the benefit of the owner or owners of such Lease, and Operator shall adjust the charge to
 13 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
 14 upon separate valuations of each party's working interest, then notwithstanding anything to the contrary herein, charges to
 15 the joint account shall be made and paid by the parties hereto in accordance with the tax value generated by each party's
 16 working interest. Operator shall bill the other parties for their proportionate shares of all tax payments in the manner
 17 provided in Exhibit "C."

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

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

26 **ARTICLE VIII.**

27 **ACQUISITION, MAINTENANCE OR TRANSFER OF INTEREST**

28 **A. Surrender of Leases:**

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

31 However, should any party desire to surrender its interest in any Lease or in any portion thereof, such party shall give written
 32 notice of the proposed surrender to all parties, and the parties to whom such notice is delivered shall have thirty (30) days after
 33 delivery of the notice within which to notify the party proposing the surrender whether they elect to consent thereto. Failure of a
 34 party to whom such notice is delivered to reply within said 30-day period shall constitute a consent to the surrender of the Leases
 35 described in the notice. If all parties do not agree or consent thereto, the party desiring to surrender shall assign, without express or
 36 implied warranty of title, all of its interest in such Lease, or portion thereof, and any well, material and equipment which may be
 37 located thereon and any rights in production thereafter secured, to the parties not consenting to such surrender. If the interest of the
 38 assigning party is or includes an Oil and Gas Interest, the assigning party shall execute and deliver to the party or parties not
 39 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
 40 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."
 41 Upon such assignment or lease, the assigning party shall be relieved from all obligations thereafter accruing, but not theretofore
 42 accrued, with respect to the interest assigned or leased and the operation of any well attributable thereto, and the assigning party
 43 shall have no further interest in the assigned or leased premises and its equipment and production other than the royalties retained
 44 in any lease made under the terms of this Article. The party assignee or lessee shall pay to the party assignor or lessor the
 45 reasonable salvage value of the latter's interest in any well's salvable materials and equipment attributable to the assigned or leased
 46 acreage. The value of all salvable materials and equipment shall be determined in accordance with the provisions of Exhibit "C," less
 47 the estimated cost of salvaging and the estimated cost of plugging and abandoning and restoring the surface. If such value is less
 48 than such costs, then the party assignor or lessor shall pay to the party assignee or lessee the amount of such deficit. If the
 49 assignment or lease is in favor of more than one party, the interest shall be shared by such parties in the proportions that the
 50 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
 51 varies according to depth, then the interest assigned shall similarly reflect such variances.

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

56 **B. Renewal or Extension of Leases:**

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

65 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
 66 by the parties who elect to participate therein, in a ratio based upon the relationship of their respective percentage of participation in
 67 the ~~Contract~~ Unit Area to the aggregate of the percentages of participation in the ~~Contract~~ Unit Area of all parties participating in the
 68 purchase of such renewal or replacement Lease. The acquisition of a renewal or replacement Lease by any or all of the parties hereto
 69 shall not cause a readjustment of the interests of the parties stated in Exhibit "A," but any renewal or replacement Lease in which
 70 less than all parties elect to participate shall not be subject to this agreement but shall be deemed subject to a separate Operating
 71 Agreement in the form of this agreement.

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

1 The provisions of this Article shall apply to renewal or replacement Leases whether they are for the entire interest covered by
 2 the expiring Lease or cover only a portion of its area or an interest therein. Any renewal or replacement Lease taken before the
 3 expiration of its predecessor Lease, or taken or contracted for or becoming effective within six (6) months after the expiration of the
 4 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
 5 the renewal or replacement Lease becomes effective; but any Lease taken or contracted for more than six (6) months after the
 6 expiration of an existing Lease shall not be deemed a renewal or replacement Lease and shall not be subject to the provisions of this
 7 agreement.

8 The provisions in this Article shall also be applicable to extensions of all or part of Oil and Gas Leases.

9 **C. Acreage or Cash Contributions:**

10 While this agreement is in force, if any party contracts for a contribution of cash towards the drilling of a well or any other
 11 operation on the ~~Contract~~ Unit Area, such contribution shall be paid to the party who conducted the drilling or other operation and shall
 12 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
 13 the contribution is made shall promptly tender an assignment of the acreage, without warranty of title, to the Drilling Parties in the
 14 proportions said Drilling Parties shared the cost of drilling the well. Such acreage shall become a separate ~~Contract~~ Unit Area and, to the
 15 extent possible, be governed by provisions identical to this agreement. Each party shall promptly notify all other parties of any
 16 acreage or cash contributions it may obtain in support of any well or any other operation on the ~~Contract~~ Unit Area. The above
 17 provisions shall also be applicable to optional rights to earn acreage outside the ~~Contract~~ Unit Area which are in support of well drilled
 18 inside ~~Contract~~ Unit Area.

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

21 **D. Assignment; Maintenance of Uniform Interest:**

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

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

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

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

46 **E. Waiver of Rights to Partition:**

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

50 **F. Preferential Right to Purchase:**

51 (Optional; Check if applicable.)

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

64 **ARTICLE IX.**

65 **INTERNAL REVENUE CODE ELECTION**

66 If, for federal income tax purposes, this agreement and the operations hereunder are regarded as a partnership, and if the
 67 parties have not otherwise agreed to form a tax partnership pursuant to Exhibit "G" or other agreement between them, each
 68 party thereby affected elects to be excluded from the application of all of the provisions of Subchapter "K," Chapter 1, Subtitle
 69 "A," of the Internal Revenue Code of 1986, as amended ("Code"), as permitted and authorized by Section 761 of the Code and
 70 the regulations promulgated thereunder. Operator is authorized and directed to execute on behalf of each party hereby affected
 71 such evidence of this election as may be required by the Secretary of the Treasury of the United States or the Federal Internal
 72 Revenue Service, including specifically, but not by way of limitation, all of the returns, statements, and the data required by
 73 Treasury Regulation §1.761. Should there be any requirement that each party hereby affected give further evidence of this
 74

1 election, each such party shall execute such documents and furnish such other evidence as may be required by the Federal Internal
 2 Revenue Service or as may be necessary to evidence this election. No such party shall give any notices or take any other action
 3 inconsistent with the election made hereby. If any present or future income tax laws of the state or states in which the Contract
 4 Area is located or any future income tax laws of the United States contain provisions similar to those in Subchapter "K," Chapter
 5 1, Subtitle "A," of the Code, under which an election similar to that provided by Section 761 of the Code is permitted, each party
 6 hereby affected shall make such election as may be permitted or required by such laws. In making the foregoing election, each
 7 such party states that the income derived by such party from operations hereunder can be adequately determined without the
 8 computation of partnership taxable income.

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

11 Operator may settle any single uninsured third party damage claim or suit arising from operations hereunder if the expenditure
 12 does not exceed Fifty Thousand Dollars (\$ 50,000.00) and if the payment is in complete settlement
 13 of such claim or suit. If the amount required for settlement exceeds the above amount, the parties hereto shall assume and take over
 14 the further handling of the claim or suit, unless such authority is delegated to Operator. All costs and expenses of handling settling,
 15 or otherwise discharging such claim or suit shall be a the joint expense of the parties participating in the operation from which the
 16 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
 17 hereunder over which such individual has no control because of the rights given Operator by this agreement, such party shall
 18 immediately notify all other parties, and the claim or suit shall be treated as any other claim or suit involving operations hereunder.

19 **ARTICLE XI.**
 20 **FORCE MAJEURE**

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

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

34 **ARTICLE XII.**
 35 **NOTICES**

36 All notices authorized or required between the parties by any of the provisions of this agreement, unless otherwise
 37 specifically provided, shall be in writing and delivered in person or by United States mail, courier service, telegram, telex,
 38 telecopier or any other form of facsimile, postage or charges prepaid, and addressed to such parties at the addresses listed on
 39 Exhibit "A." All telephone or oral notices permitted by this agreement shall be confirmed immediately thereafter by written
 40 notice. The originating notice given under any provision hereof shall be deemed delivered only when received by the party to
 41 whom such notice is directed, and the time for such party to deliver any notice in response thereto shall run from the date
 42 the originating notice is received. "Receipt" for purposes of this agreement with respect to written notice delivered hereunder
 43 shall be actual delivery of the notice to the address of the party to be notified specified in accordance with this agreement, or
 44 to the telecopy, facsimile or telex machine of such party. The second or any responsive notice shall be deemed delivered when
 45 deposited in the United States mail or at the office of the courier or telegraph service, or upon transmittal by telex, telecopy
 46 or facsimile, or when personally delivered to the party to be notified, provided, that when response is required within 24 or
 47 48 hours, such response shall be given orally or by telephone, telex, telecopy or other facsimile within such period. Each party
 48 shall have the right to change its address at any time, and from time to time, by giving written notice thereof to all other
 49 parties. If a party is not available to receive notice orally or by telephone when a party attempts to deliver a notice required
 50 to be delivered within 24 or 48 hours, the notice may be delivered in writing by any other method specified herein and shall
 51 be deemed delivered in the same manner provided above for any responsive notice.

52 **ARTICLE XIII.**
 53 **TERM OF AGREEMENT**

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

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

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

73 The termination of this agreement shall not relieve any party hereto from any expense, liability or other obligation or any

1 remedy therefor which has accrued or attached prior to the date of such termination.

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

6 **ARTICLE XIV.**

7 **COMPLIANCE WITH LAWS AND REGULATIONS**

8 **A. Laws, Regulations and Orders:**

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

12 **B. Governing Law:**

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

17 **C. Regulatory Agencies:**

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

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

30 **ARTICLE XV.**

31 **MISCELLANEOUS**

32 **A. Execution:**

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

48 **B. Successors and Assigns:**

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

52 **C. Counterparts:**

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

55 **D. Severability:**

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

59 **ARTICLE XVI.**

60 **OTHER PROVISIONS**

61 **A. Effectiveness of Agreement/Conflict of Terms**

62 The parties hereto agree that until such time as the Unit Agreement unitizing the lands listed on Exhibit "A" of this Agreement is approved by the Bureau of
 63 Land Management, the Federal Indian Minerals Office, the State Land Office, and the New Mexico Oil Conservation Division, this Agreement shall not
 64 become effective. In the event such approval is never granted, then this Agreement shall be deemed null and void *ab initio*. This Agreement shall not be
 65 deemed to either modify any of the terms and conditions of the Unit Agreement or to relieve the Unit Operator of any right or obligation established under the
 66 Unit Agreement, and in case of any inconsistency or conflict between the Unit Agreement and this Agreement, the Unit Agreement shall govern.
 67 Notwithstanding anything in this Agreement to the contrary, in the event of any conflict between the provisions of Article I through Article XV of this
 68 Agreement and the provisions of this Article XVI, the provisions of this Article XVI shall control.

69 **B. Priority of Operations - Horizontal Wells**

70 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
 71 agreement has been drilled to the objective formation and the Consenting Parties cannot agree upon the sequence and timing of further operations regarding
 72 such Horizontal or Multi-Lateral Well, the following elections shall control in the order of priority enumerated hereafter:

72 **I. Prior to Reaching the Objective Depth:**

- 73 **a. Drilling a well to its objective depth shall have first priority over all other operations and proposals.**

- 1 b. In the event that impenetrable conditions or mechanical difficulties prevent reaching the objective depth, a proposal to Sidetrack in an effort
 2 to reach the objective depth shall have priority over a proposal to attempt a Completion in a formation already reached.
 3 2. After the Objective Depth has been Reached:
 4 a. An election to do additional logging, coring or testing;
 5 b. An election to attempt to complete drilling operations of all proposed Laterals;
 6 c. An election to extend or Deepen a Lateral;
 7 d. An election to kick out and drill an additional Lateral in the same location;
 8 e. An election to Plug Back the well to a formation or Zone above the formation in which a Lateral was drilled; if there is more than one
 9 proposal to Plug Back, the proposal to Plug Back to the next deepest prospective Zone or formation shall have priority over a proposal to
 10 plug back to a shallower prospective Zone or formation;
 11 f. An election to Sidetrack; and
 12 g. An election to plug and abandon said well as provided for in Article VI.E.

13 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
 14 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
 15 prior to Completing the Horizontal or Multi-Lateral Well in the objective formation, such election shall be eliminated from priorities hereinabove set forth.

16 C. Operator's Right to Net Out Revenue

17 In the event any Non-Operator becomes one hundred and twenty (120) days delinquent on payment of any joint interest billing, except for any payments related
 18 to charges on any joint interest billing that such Non-Operator has provided written notice that they are disputing in good faith, Operator is authorized to deduct
 19 operating costs and charges assessable to such Non-Operator as permitted under this Agreement, and remit to such Non-Operator its respective net share of any
 20 proceeds attributable to the interest of the Non-Operator being received directly from any purchasers of production from the Unit Area. At such time as the
 21 delinquency has been recovered by Operator, Operator will restore full payment of revenues to the delinquent Non-Operator. The rights granted hereunder shall
 22 be on-going and may be utilized at any time that a Non-Operator is delinquent on the payment of joint interest billings. The foregoing provision shall not
 23 diminish any of Operator's rights contained within Article VII(b).

24 D. Federal and State Administration

25 Operator shall act as the representative for the parties hereto concerning all filings required by and hearings and proceedings before a Federal or State
 26 administrative bodies having jurisdiction over the Unit Area and all costs and expenses incurred by Operator, directly or by retention of outside personnel, in
 27 making such filings or participating in such hearings or proceedings shall be proper charges against the joint account. Nothing herein contained shall prohibit
 28 any of the parties to this Agreement from participating in any such hearings or proceedings in its own behalf and at its own cost, expense and risk, so long as
 29 such party does not take an adverse position to that being taken by the Operator on behalf of the Non-Operators under this Agreement.

30 E. Limitation on Damages

31 WITH RESPECT TO ANY DISPUTE, CLAIM, COUNTERCLAIM, CONTROVERSY OR OTHER MATTERS (THE "CLAIMS") ARISING BETWEEN
 32 THE PARTIES OUT OF OR RELATING TO THIS AGREEMENT OR THE SUBJECT MATTER HEREOF, OR ANY ALLEGED BREACH THEREOF,
 33 OR OF THE RELATIONSHIP BETWEEN THE PARTIES CREATED BY THIS AGREEMENT, EVEN THOUGH SOME OR ALL OF SUCH CLAIMS
 34 MAY NOT SOUND IN CONTRACT, TORT, WARRANTY OR OTHERWISE, INCLUDING, DUTY TO DEAL IN GOOD FAITH OR CONFIDENTIAL
 35 RELATIONSHIP, BUT SPECIFICALLY EXCLUDING CLAIMS BASED IN WHOLE OR IN PART ON FRAUD OR BAD-FAITH DEALING, NO PARTY
 36 SHALL EVER BE LIABLE FOR EXEMPLARY, PUNATIVE, CONSEQUENTIAL, SPECIAL, INCIDENTAL, INDIRECT OR OTHER SIMILAR
 37 DAMAGES, INCLUDING LOST PROFITS, BUSINESS INTERRUPTION OR LOSS OF OPPORTUNITY, WHETHER SUCH DAMAGES ARE
 38 CLAIMED UNDER BREACH OF CONTRACT, BREACH OF WARRANTY, TORT OR ANY OTHER THEORY OR CAUSE OF ACTION AT LAW OR
 39 IN EQUITY, THE LIMITATIONS IN THIS PARAGRAPH ARE PART OF THE MATERIAL, BARGAINED-FOR CONSIDERATION FOR ENTERING
 40 INTO THIS AGREEMENT.

41 F. Arbitration

42 Any dispute arising in connection with the Agreement which cannot be resolved between the parties shall be decided in binding arbitration pursuant to the
 43 following rules:

- 44 1. Within ten (10) days after written demand by any party for arbitration, the parties shall select a single, independent arbitrator from a list of
 45 arbitrators available at the American Arbitration Association ("AAA"). If the parties cannot agree on the selection of such arbitrator, then the
 46 arbitrator shall be selected by AAA.
 47 2. The arbitration shall be governed by New Mexico law, but the specific procedure to be followed shall be determined by the arbitrator. It is the
 48 intent of the parties that the arbitration be conducted as efficient and inexpensively as possible, with only limited discovery as determined by the
 49 arbitrator without regard to the discovery permitted under the Federal Rules of Civil Procedure.
 50 3. The arbitration proceeding shall be held in Santa Fe, New Mexico, and a hearing shall be held no later than sixty (60) days after submission of the
 51 matter to arbitration, with a written decision to be rendered by the arbitrator within thirty (30) days of the hearing.
 52 4. At the hearing, the parties shall present such evidence and witnesses as they may choose, with or without counsel. Adherence to formal rules of
 53 evidence shall not be required but the arbitrator shall consider any evidence and testimony that he or she determines to be relevant, in accordance
 54 with procedures that it determines to be appropriate.
 55 5. Any award entered in the arbitration shall be made by a written opinion stating the reasons and basis for the award made, and the prevailing party,
 56 as determined by the arbitrator, shall be awarded its reasonable attorney's fees, expert witness fees and other costs.
 57 6. The costs incurred in employing the arbitrator, including the arbitrator's retention of any independent qualified experts, shall be borne equally by
 58 each of the parties to the arbitration.
 59 7. The Arbitrator's award may be filed in any court of competent jurisdiction and may be filed by any party as a final judgment of such court.

60 G. Joinder of Unit and Pooling of Leasehold

61 By executing this Agreement, and upon the Bureau of Land Management, the Federal Indian Minerals Office, the State Land Office, and the New Mexico Oil
 62 Conservation Division approval of the Unit Agreement, each party hereby joins the Drilling Unit(s) and pools their leasehold working interests within the Unit
 63 Area into the Drilling Unit(s). The Drilling Unit(s) will consist of all or a portion of the leasehold working interests that are described in Exhibit "A" hereto.

64 H. Construction

65 The parties hereto further acknowledge and agree that each has had the opportunity to contribute to the drafting of this Agreement or opportunity to have it
 66 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
 67 as if each party participated equally in the preparation and drafting of this Agreement.

68 I. Unit Area Adjustments

69 The size of the Unit Area shall not be contracted or expanded absent written consent of all parties hereto; consent shall not be unreasonably withheld, and
 70 approved by the Bureau of Land Management, the Federal Indian Minerals Office, and the State Land Office.

71 J. Assignment and Notice of Assignment

72 No assignment or other transfer or disposition of an interest subject to this Operating Agreement shall be effective as to Operator or the other parties hereto until
 73 the (a) Operator receives an authenticated copy of the instrument evidencing such assignment, transfer or disposition, and (b) the person receiving such
 74 assignment, transfer or disposition has become obligated by instrument to observe, perform and be bound by all of the covenants, terms and conditions of this
 75 Agreement. Prior to such date, neither Operator nor any other party shall be required to recognize such assignment, transfer or disposition for any purpose but
 76 may continue to deal exclusively with the party making such assignment, transfer, or disposition in all matters under this Operating Agreement including
 77 billings. No assignment or other transfer or disposition of an interest subject to this Operating Agreement shall relieve a party of its obligation accrued prior to
 78 the effective date of such assignment or transfer. Further, no assignment, transfer or other disposition shall relieve any party of its liability for its share of costs
 79 and expenses which may be incurred in any operation to which such party has previously agreed or consented prior to the effective date of such assignment or
 80 transfer, for the drilling, testing, completing and equipping, reworking, recompleting, side-tracking, deepening, plugging-back, or plugging and abandoning of a
 81 well even though such operations are performed after said effective date, subject however to such party's right to elect not to participate in completion
 82 operations, not previously consented to.

83 K. Operator's Right to Withhold Well Information for Past Due Joint Interest Billings

84 If any party to this Operating Agreement shall fail to pay its share of costs and expenses incurred and/or fails to pay any advance invoice as provided for in
 85 Article VII.C. herein for cost to be incurred in operations of the Unit Area for a period one hundred and twenty (120) days from the date of receipt of Operator's
 86 invoice therefore, Operator may notify the affected party of its default by certified mail, return receipt requested, and if such party fails to cure the default within
 87 ten (10) days from the date of receipt of Operator's notice, by payment in full of the invoices for operating costs which have been due for more than thirty (30)

A.A.P.L. FORM 610 - MODEL FORM OPERATING AGREEMENT - 1989

1 days, at Operator's election, the affected party shall be deemed in non-consent status and for as long as the affected party remains in default they shall have no
2 further access to the Unit Area or information obtained in connection with operations hereunder and shall not be entitled to vote on any matter herein, as long as
3 the invoices remain unpaid. This remedy shall be in addition to any and all other remedies provided for in this Agreement including but not limited to
4 Operator's right to set-off and/or net out revenues and right to file liens.

5 L. Headings

6 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.

7
8 M. Commencement of Operations

9 Notwithstanding anything in Article VI.B to the contrary, Operator's election to commence operations prior to and during the Notice Period (forty-eight (48)
10 hours if applicable), will not alter or extend the Notice Period in which a party is required to make an election to participate in the proposed operation, or
11 constitute an election by that party not to participate in the cost of the proposed operation.

12 N. Confidentiality

13 In the event that Operator and Non-Operator mutually agree in writing that a particular process, information, equipment or data developed or obtained by
14 Operator in connection with drilling or completion of wells pursuant to this Operating Agreement or that the terms of this Operating Agreement itself, should be
15 maintained confidential ("Confidential Information"), each of Operator and Non-Operator shall use the same means they use to protect their own confidential,
16 proprietary information to protect the confidentiality of the Confidential Information.

17 O. Provision to Address Keeping Interest constant within Drilling Unit

18 UNLEASED TRACTS. If during the Term of this Agreement there exist any unleased tract(s) located adjacent to a Drilling Unit tract, which Operator deems
19 suitable for inclusion in a Drilling Unit, Operator is hereby authorized to enter into an oil and gas lease, covering such unleased tract(s) and the costs and
20 expenses associated with any such lease(s) taken under this provision, shall be jointly shared and billed pursuant to Article V.D. (2) of the Agreement. Once
21 such lease(s) is acquired under this provision, Operator shall assign to each Consenting Party its proportionate share of such lease based upon the interests set
22 forth on Exhibit A(4) and such tract(s) shall be added to the Drilling Unit. In the event that a Consenting Party fails to pay its proportionate share of such lease
23 costs within ninety (90) days of the date of its receipt of an invoice for such costs, then such Consenting Party's interest in such lease shall be forfeited as to
24 such Consenting Party and the amount of interest shall be divided between and paid for by the remaining Consenting Parties. In such event, Exhibit "A" to this
25 Agreement shall be amended to reflect such change in interest.

26 P. Right on Non-Operator to prompt well information

27 Operator understands and agrees that any party consenting to the drilling of a well under this Agreement has full rights to any and all well information gained in
28 the drilling, completing, testing, etc. Furthermore, Operator understands and agrees that the Non-Operators are entitled to this information immediately (or as
29 soon as practically possible) upon request.

30 Q. Recording of Agreement

31 The Parties hereto agree that this Agreement shall not be filed of record in any County, State, Federal or other venue, but instead, that the Recording
32 Supplement and Financing Statement, Form 610RS, attached hereto as Exhibit "H", shall be recorded in the County of the Unit Area. Notwithstanding the
33 foregoing, a Party may file this Agreement in the event that it is related to a pending lawsuit or other administrative procedure, or as required by law.
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74

IN WITNESS WHEREOF, subject to the provisions of Article XVI(A), this Agreement shall be effective as of November 18th, 2013 but has been executed as of the dates next to each Acknowledgement below, but shall be deemed to have been executed by all Parties as of this ___ day of _____, 2014 ("Execution Date").

WPX Energy Production, LLC, 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 610-1989 Model Form 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 I, II, III, IV, V, VI, VII, VIII, X, XIII, XIV and XV, have been made to the form.

ATTEST OR WITNESS:

OPERATOR

WPX Energy Production, LLC

By

Thomas E. Black Jr.

Thomas E. Black, Jr.

Type or print name

RCB
Black

Title Attorney-in-Fact

Date _____

Tax ID or S.S. No. _____

NON-OPERATORS

SFF Production, LLC

By

Type or print name

Title _____

Date _____

Tax ID or S.S. No. _____

By

Type or print name

Title _____

Date _____

Tax ID or S.S. No. _____

By

Type or print name

Title _____

A.A.P.L. FORM 610 - MODEL FORM OPERATING AGREEMENT - 1989

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24
- 25
- 26
- 27
- 28
- 29
- 30
- 31
- 32
- 33
- 34
- 35
- 36
- 37
- 38
- 39
- 40
- 41
- 42
- 43
- 44
- 45
- 46
- 47
- 48
- 49
- 50
- 51
- 52
- 53
- 54
- 55
- 56
- 57
- 58
- 59
- 60
- 61
- 62
- 63
- 64
- 65
- 66
- 67
- 68
- 69
- 70
- 71
- 72
- 73
- 74

Date _____

Tax ID or S.S. No. _____

ACKNOWLEDGMENTS

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37

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 Oklahoma)

) ss.

County of Tulsa)

This instrument was acknowledged before me on

_____ by Thomas E. Black, Jr. as

Attorney-in-Fact of WPX Energy Production, LLC

(Seal, if any)

_____ Title (and Rank) _____

My commission expires: _____

State of _____)

) ss.

County of _____)

This instrument was acknowledged before me on

_____ by _____ as

_____ of _____

(Seal, if any)

_____ Title (and Rank) _____

My commission expires: _____

A.A.P.L. FORM 610 - MODEL FORM OPERATING AGREEMENT - 1989

1 Commonwealth of _____)

2 _____) ss.

3 County of _____)

4 This instrument was acknowledged before me on

5 _____ by _____ as

6 _____ of _____

7 (Seal, if any) _____

8 Title (and Rank) _____

9 My commission expires: _____

10

11 Commonwealth of _____)

12 _____) ss.

13 County of _____)

14 This instrument was acknowledged before me on

15 _____ by _____ as

16 _____ of _____

17 (Seal, if any) _____

18 Title (and Rank) _____

19 My commission expires: _____

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

EXHIBIT "A"

Attached to and made part of that certain Unit Operating Agreement covering the Northwest Lybrook Unit, Rio Arriba and San Juan Counties, New Mexico, dated the 18th day of November, 2013 by and between WPX Energy Production, LLC, Operator, and the Signatory Parties thereto, Non-Operators.

1. UNIT AREA:

Township 24 North – Range 8 West, Section 35: ALL, Section 25: S/2, Section 36: ALL Township 24 North – Range 7 West, Section 30: W/2SW/4, Section 31: N/2.
Rio Arriba and San Juan County, New Mexico
Containing 2,002.58 acres, more or less

2. DEPTH RESTRICTIONS:

This Agreement shall be limited in depth from the base of the Mesa Verde Formation at a measured depth of 4,349' feet to the top of the Greenhorn Limestone formation at a measured depth of 6,098 feet as shown in the Federal 34-43 well located in Section 34, Township 24 North, Range 8 West, N.M.P.M. (API # 30-045-24521).

3. PARTIES TO AGREEMENT WITH ADDRESS, TELEPHONE AND FAX NUMBER FOR NOTICE PURPOSES:

WPX Energy Production, LLC
P.O. Box 3102, MD 44
Tulsa, OK 74101-3102
Phone: 539-573-6575
Fax: 539-573-1963
Email: chuck.bassett@wpxenergy.com

SFF Production, LLC
ATTN: Land Department
303 W. Wall St. Suite 2300
Midland, Texas 79701
Phone: 432-682-2900

4. PERCENTAGE OF FRACTIONAL INTERESTS OF PARTIES TO THIS AGREEMENT:

WPX Energy Production, LLC	99.9991123%
SFF Production, LLC	.0008877%

5. OIL AND GAS LEASES AND/OR OIL AND GAS INTERESTS:

1. Lease Number:	NMNM-12233
Effective Date:	September 1, 1970
Lessor:	United States of America
Lessee:	Roy G. Stouffer
Description:	<u>Township 24 North, Range 8 West, N.M.P.M.</u> Section 25: SW/4

Primary Term:	Containing 160.00 acres, more or less San Juan County, New Mexico
Royalty:	10 years 12.5 %
2. Lease Number:	NMNM-14095
Effective Date:	August 1, 1971
Lessor:	United States of America
Lessee:	Lawrence C. Harris
Description:	<u>Township 24 North, Range 8 West, N.M.P.M.</u> Section 35: SE/4 Containing 160.00 acres, more or less San Juan County, New Mexico
Primary Term:	10 years
Royalty:	12.5%
3. Lease Number:	NMNM-33003
Effective Date:	February 1, 1979
Lessor:	United States of America
Lessee:	Ed Hartman
Description:	<u>Township 24 North, Range 7 West, N.M.P.M.</u> Section 30: Lots 3, 4 Containing 81.50 acres, more or less Rio Arriba County, New Mexico
Primary Term:	5 years
Royalty:	12.5%
4. Lease Number:	NMNM-33005
Effective Date:	March 1, 1979
Lessor:	United States of America
Lessee:	Elm Ridge Exploration Company
Description:	<u>Township 24 North, Range 7 West, N.M.P.M.</u> Section 31: NE/4 Containing 160.00 acres, more or less Rio Arriba County, New Mexico
Primary Term:	10 years
Royalty:	12.5%
5. Lease Number:	L2986-1
Effective Date:	May 20, 1969
Lessor:	State of New Mexico
Lessee:	Michael P. Grace
Description:	<u>Township 24 North, Range 8 West, N.M.P.M.</u> Section 36: NW/4NE/4, NE/4NW/4, SW/4NW, NW/4SW/4, S/2SW/4, E/2SE/4 Containing 320.00 acres, more or less San Juan County, New Mexico
Primary Term:	5 years
Royalty:	1/8th
6. Lease Number:	1034-9
Effective Date:	February 1, 1973
Lessor:	State of New Mexico
Lessee:	Robert B. Gates
Description:	<u>Township 24 North, Range 8 West, N.M.P.M.</u> Section 36: NE/4NE/4, S/2NE/4, NW/4NW/4, NE/4SW/4, W/2SE/4 Containing 280.00 acres, more or less

Primary Term:	San Juan County, New Mexico
Royalty:	5 years 1/8th
7. Lease Number:	V096720000
Effective Date:	May 1, 2014
Lessor:	State of New Mexico
Lessee:	WPX Energy Production, LLC
Description:	<u>Township 24 North, Range 8 West, N.M.P.M.</u> Section 36: SE/4NW/4 Containing 40.00 acres, more or less San Juan County, New Mexico
Primary Term:	5 years
Royalty:	1/6th
8. Lease Number:	NOG 0207-1608
Effective Date:	July 16, 2001
Lessor:	Heirs of KE-I-ZE
Lessee:	Elm Ridge Exploration Company
Description:	<u>Township 24 North, Range 8 West, N.M.P.M.</u> Section 35: NE/4 Containing 160.00 acres, more or less San Juan County, New Mexico
Primary Term:	5 years
Royalty:	20%
9. Lease Number:	NOG 0207-1609
Effective Date:	July, 16, 2002
Lessor:	Heirs of NEIL-TI
Lessee:	Elm Ridge Exploration Company
Description:	<u>Township 24 North, Range 8 West, N.M.P.M.</u> Section 35: SW/4 Containing 160.00 acres, more or less San Juan County, New Mexico
Primary Term:	5 years
Royalty:	20%
10. Lease Number:	NOG 0207-1610
Effective Date:	July 16, 2001
Lessor:	Heirs of SAN-DE-YAH-GO
Lessee:	Elm Ridge Exploration Company
Description:	<u>Township 24 North, Range 8 West, N.M.P.M.</u> Section 35: NW/4 Containing 160.00 acres, more or less San Juan County, New Mexico
Primary Term:	5 years
Royalty:	20%
11. Lease Number:	NOG 1312-1847
Effective Date:	December 13, 2013
Lessor:	Heirs of NAH-TOS-PUR
Lessee:	WPX Energy Production, LLC
Description:	<u>Township 24 North, Range 8 West, N.M.P.M.</u> Section 25: SE/4 Containing 160.00 acres, more or less

Primary Term: San Juan County, New Mexico
5 years
Royalty: 20%

12. Lease Number: NOG 1312-1849
Effective Date: December 13, 2013
Lessor: Heirs of NIP-PAH
Lessee: WPX Energy Production, LLC
Description: Township 24 North, Range 7 West, N.M.P.M.
Section 31: Lots 1, 2, E/2NW/4
Containing 161.08 acres, more or less
Rio Arriba County, New Mexico
Primary Term: 5 years
Royalty: 20%

6. BURDENS ON PRODUCTION

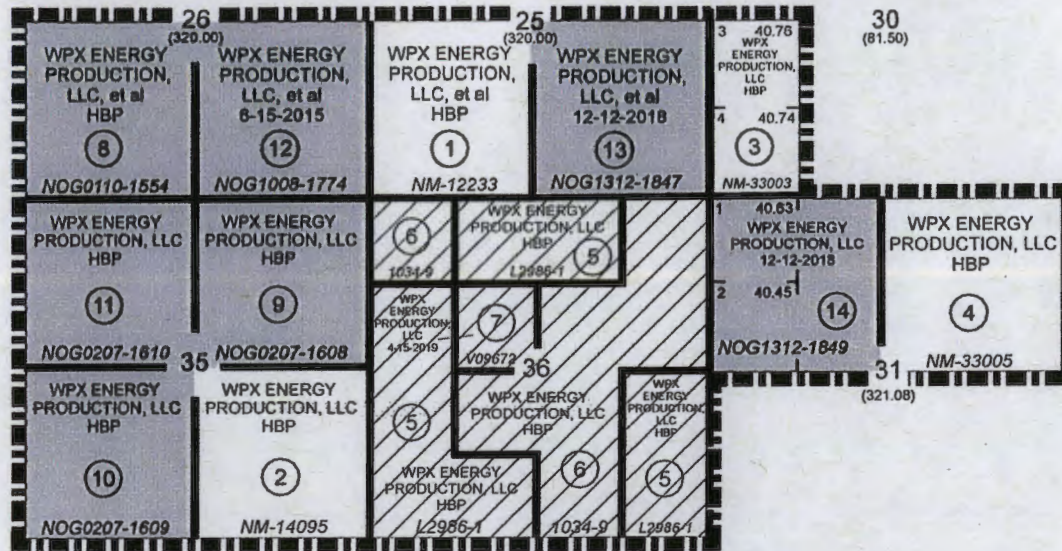
Those burdens filed of record as of the Effective Date of this Agreement.

7. PLAT

R 8 W

R 7 W

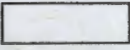
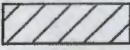
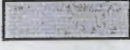
T
24
N



SAN JUAN
COUNTY

RIO ARRIBA
COUNTY

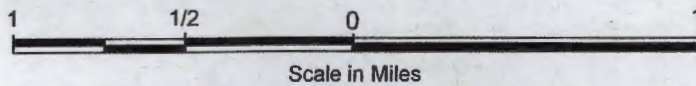
EXHIBIT "A"

	ACREAGE	PERCENTAGE
 FEDERAL LANDS	561.50	24.18%
 STATE LANDS	640.00	27.55%
 ALLOTTED LANDS	1,121.08	48.27%
TOTALS	2,322.58	100.00%

NORTHWEST LYBROOK UNIT AREA

RIO ARRIBA & SAN JUAN COUNTIES, NEW MEXICO

 UNIT OUTLINE  TRACT NUMBER



NOTE: UNLESS OTHERWISE NOTED HEREIN THE SECTIONS ON THIS PLAT CONTAIN 640.00 ACRES

WPX ENERGY PRODUCTION, LLC
TULSA, OKLAHOMA

8-18-2014

EXHIBIT "B"

Attached to and made part of that certain Unit Operating Agreement covering the Northwest Lybrook Unit, Rio Arriba and San Juan Counties, New Mexico, dated the 18th day of November, 2013 by and between WPX Energy Production, LLC, Operator, and the Signatory Parties thereto, Non-Operators.

EXHIBIT "B" is intentionally omitted from this Agreement

EXHIBIT " C "
ACCOUNTING PROCEDURE
JOINT OPERATIONS

Attached to and made part of that certain Unit Operating Agreement covering the Northwest Lybrook Unit, Rio Arriba and San Juan Counties, New Mexico, dated the 18th day of November, 2013 by and between WPX Energy Production, LLC, Operator, and the Signatory Parties thereto, Non-Operators.

I. GENERAL PROVISIONS – ACCOUNTING PROCEDURE

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 I.2 and/or Section I.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) 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) 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) 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 I.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 I.5 (*Expenditure Audits*).
- B. All adjustments initiated by the Operator, except those described in items (1) through (4) of this Section I.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 I.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 I.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 I.5.B or I.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 I.5.B or I.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 I.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 I.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 I.3.B (*Advances and Payments by the Parties*).
- D. If any Party fails to meet the deadlines in Sections I.5.B or I.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 I.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 I.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 I.5.B or I.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 I.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 I.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 two (2) or more Parties, one of which is the Operator, having a combined working interest of at least fifty-one percent (51%), 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 I.6.A and I.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 I.6.A, if a Non-Operator is an Affiliate of the Operator, votes under Section I.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 I.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. 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 \$ 25,000 . 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 \$ 25,000 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 **and/or outside consultants** for title examinations (including preliminary, supplemental, shut-in royalty opinions, division order title opinions), and curative work shall be chargeable to the 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*).

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. Longshoreman and Harbor Workers (USL&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 or 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.

1. 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.

Real Time Operations Center (RTOC)

Notwithstanding the foregoing, technical services provided by a ROTC not located on the drill site used to monitor wells and take corrective action shall be directly charged to the Joint Account.

B. Overhead—Fixed Rate Basis

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

Vertical Drilling Well Rate per month: from the surface to the base of the Mancos Shale formation \$7,500 and from the base of the Mancos Shale formation to all deeper depths \$15,000 (prorated for less than a full month)

Horizontal Drilling Well Rate per month \$10,000 (prorated for less than a full month)

Horizontal Producing Well Rate per month \$ 1,000

- (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) 6 % of total costs if such costs are less than \$100,000; plus
- (2) 4 % 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) 2 % of total costs if such costs are less than \$100,000; plus
- (2) 2 % 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 repeated 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 1.6.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 overages 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

RATIFICATION AND JOINDER OF UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Northwest Lybrook Unit, Counties of Rio Arriba and San Juan, State of New Mexico, dated November 18, 2013, in form approved on behalf of the Secretary of the Interior, and in consideration of the execution or ratification by other working interest owners of the contemporary Unit Operating Agreement which relates to said Unit Agreement, the undersigned hereby expressly ratifies, approves and adopts said Unit Agreement, and also said Unit Operating Agreement as fully as though the undersigned had executed the instrument.

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

This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, assignees or successors in interest.

EXECUTED this 5th day of November, 2014.

SFF PRODUCTION, LLC

By: _____

Name: John E. Normod

Title: Vice President

Address P.O. Box 2080

Midland, TX 79702

CORPORATE ACKNOWLEDGEMENT

STATE OF TEXAS)
) ss
COUNTY OF MIDLAND)

The foregoing instrument was acknowledged before me this 5th day of November, 2014, by John Normod, as Vice President, on behalf of the corporation.



Kathleen M. Brown
Notary Public

My Commission Expires: July 21, 2018

INDIVIDUAL ACKNOWLEDGEMENT

STATE OF _____)
) ss
COUNTY OF _____)

The foregoing instrument was acknowledged before me this ____ day of _____, 2014, by _____.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Northwest Lybrook Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, dated November 18, 2013, in form approved on behalf of the Secretary of the Interior, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts and confirms said Unit Agreement as fully as though the undersigned had executed the original Unit Agreement.

This Ratification and Joinder shall be effective as to the interest of Energen Resources Corporation in the following described lands and leases and to the extent set out herein and within the boundary of the Northwest Lybrook Unit Area:

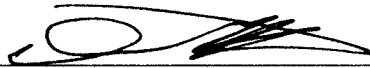

Township 24 North, Range 08 West, NMPM
Section 35: SE
San Juan County, New Mexico

Lease: NM NM 14095
Interest Type and Quantum: 60.11% Record Title

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

EXECUTED this 22nd day of December, 2014.

ENERGEN RESOURCES CORPORATION

By: 
David W. Bolton, Vice President - Land
605 Richard Arrington, Jr., Blvd. North
Birmingham, AL 35203 

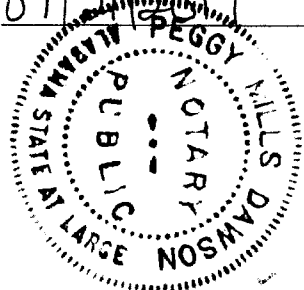
CORPORATE ACKNOWLEDGMENT

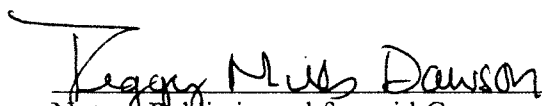
STATE OF ALABAMA)
) ss.
COUNTY OF JEFFERSON)

On this 22nd day of December 2014, before me, a Notary Public in and for said County and State, personally appeared David W. Bolton, known to me to be the Vice President - Land of Energen Resources Corporation and acknowledged that he executed the within and forgoing instrument on behalf of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission Expires:

07/21/2017



Notary Public in and for said County and State

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Northwest Lybrook Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, dated November 18, 2013, in form approved on behalf of the Secretary of the Interior, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement

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

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

EXECUTED this 21st day of November, 2014.

Elm Ridge Exploration Company, LLC

by: [Signature], President

Address: 12225 Greenville Ave., Suite 950
Dallas, TX 75243

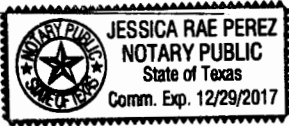
CORPORATE ACKNOWLEDGMENT

STATE OF Texas)
COUNTY OF Dallas) ss.

On this 21st day of November, 2014, before me, Jessica Rae Perez, a Notary Public in and for said County and State, personally appeared James M. Clark Jr., known to me to be the President and _____ of the corporation described in and that executed the within instrument, and also known to me to be the person(s) who executed it on behalf of the corporation therein named and he acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission Expires:



[Signature]
Notary Public in and for said State

INDIVIDUAL ACKNOWLEDGMENT

STATE OF _____)
COUNTY OF _____) ss.

On this ____ day of _____, 2014, before me, _____, a Notary Public in and for said County and State, personally appeared _____, personally known to me/proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission Expires:

Notary Public in and for said State

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Northwest Lybrook Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, dated November 18, 2013, in form approved on behalf of the Secretary of the Interior, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement

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

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

EXECUTED this 10 day of November, 2014.

Ruth Old-Cosner

Address: 3210 Lonesome Trl.
Georgetown TX 78628

CORPORATE ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

On this ___ day of _____, 2014, before me, _____, a Notary Public in and for said County and State, personally appeared _____, known to me to be the _____ and _____ of the corporation described in and that executed the within instrument, and also known to me to be the person(s) who executed it on behalf of the corporation therein named and he acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission Expires:

Notary Public in and for said State

INDIVIDUAL ACKNOWLEDGMENT

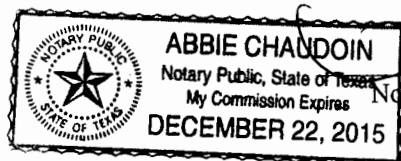
STATE OF Texas)
) ss.
COUNTY OF Williamson)

On this 10 day of November, 2014, before me, Abbie Chaudoin, a Notary Public in and for said County and State, personally appeared Ruth Old-Cosner, personally known to me/proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged that she executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission Expires:

Dec 22, 2015



Abbie Chaudoin
Notary Public in and for said State

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Northwest Lybrook Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, dated November 18, 2013, in form approved on behalf of the Secretary of the Interior, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement

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

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

EXECUTED this 10th day of November, 2014.

NEW MEXICO OIL CORPORATION

By: Ray Willis
Ray Willis, President
Address: P.O. Box 1714
Roswell NM 88202-1714

CORPORATE ACKNOWLEDGMENT

STATE OF NEW MEXICO)
) ss.
COUNTY OF CHAVES)

On this 10th day of November, 2014, before me, Connie E. Perez, a Notary Public in and for said County and State, personally appeared Ray Willis, known to me to be the President and _____ of the corporation described in and that executed the within instrument, and also known to me to be the person(s) who executed it on behalf of the corporation therein named and he acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission Expires:

May 11, 2017

Connie E. Perez
Notary Public in and for said State

INDIVIDUAL ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

On this ___ day of _____, 2014, before me, _____, a Notary Public in and for said County and State, personally appeared _____, personally known to me/proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission Expires:

Notary Public in and for said State

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Northwest Lybrook Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, dated November 18, 2013, in form approved on behalf of the Secretary of the Interior, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement

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

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

EXECUTED this 6th day of November 2014.

Marion M. Mazzola
Address: 14624 Gerton Street
Broomfield, CO 80020
Mazzola & Company

CORPORATE ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

On this ___ day of _____, 2014, before me, _____, a Notary Public in and for said County and State, personally appeared _____, known to me to be the _____ and _____ of the corporation described in and that executed the within instrument, and also known to me to be the person(s) who executed it on behalf of the corporation therein named and he acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission Expires:

Notary Public in and for said State

INDIVIDUAL ACKNOWLEDGMENT

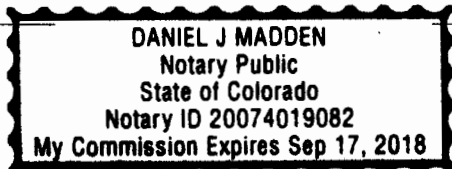
STATE OF COLORADO)
) ss.
COUNTY OF BROOMFIELD)

On this 6th day of NOVEMBER, 2014, before me, DANIEL MADDEN, a Notary Public in and for said County and State, personally appeared MARION M. MAZZOLA, personally known to me/proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged that She executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission Expires:

9/17/2018



[Signature] - STATE OF COLORADO
Notary Public in and for said State

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Northwest Lybrook Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, dated November 18, 2013, in form approved on behalf of the Secretary of the Interior, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement

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

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

EXECUTED this 24 day of Nov, 2014.

Sam Boltz Family Trust
Sam T. Boltz Jr
Address: 509 Princeton Dr
Tyler, Texas 75703

Sam T Boltz Jr
509 Princeton Dr
Tyler TX 75703-5164

CORPORATE ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

On this ___ day of _____, 2014, before me, _____, a Notary Public in and for said County and State, personally appeared _____, known to me to be the _____ and _____ of the corporation described in and that executed the within instrument, and also known to me to be the person(s) who executed it on behalf of the corporation therein named and he acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission Expires:

Notary Public in and for said State

INDIVIDUAL ACKNOWLEDGMENT

STATE OF Texas)
) ss.
COUNTY OF Smith)

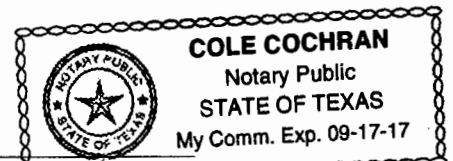
On this 24 day of November 2014, before me, Cole Cochran, a Notary Public in and for said County and State, personally appeared Sam T Boltz Jr / Trust, personally known to me/proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission Expires:

9-17-17

Cole Cochran
Notary Public in and for said State



RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Northwest Lybrook Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, dated November 18, 2013, in form approved on behalf of the Secretary of the Interior, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement

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

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

EXECUTED this 07 day of Nov., 2014.

Robert W. Scott manager
Address: RW Scott Investments LLC
1275 Luginie Way
Golden Colo
80401

CORPORATE ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

On this ___ day of _____, 2014, before me, _____, a Notary Public in and for said County and State, personally appeared _____, known to me to be the _____ and _____ of the corporation described in and that executed the within instrument, and also known to me to be the person(s) who executed it on behalf of the corporation therein named and ___he___ acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission Expires:

Notary Public in and for said State

INDIVIDUAL ACKNOWLEDGMENT

STATE OF Colorado)
) ss.
COUNTY OF Jefferson)

On this 7th day of Nov., 2014, before me, Kenneth Studeny, a Notary Public in and for said County and State, personally appeared Robert W. Scott, personally known to me/proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged that ___he___ executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission Expires:

My Commission Expires 05/31/2016

Kenneth Studeny

Notary Public in and for said State



RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Northwest Lybrook Unit Area, Counties of Rio Arriba and San Juan, State of New Mexico, dated November 18, 2013, in form approved on behalf of the Secretary of the Interior, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement

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

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

EXECUTED this 24 day of Nov, 2014.

Barbara Mugg
Personal Representative

Address: 9420 Michigan St
Chey. WY 82009

CORPORATE ACKNOWLEDGMENT

STATE OF _____)
) ss.
COUNTY OF _____)

On this ___ day of _____, 2014, before me, _____, a Notary Public in and for said County and State, personally appeared _____, known to me to be the _____ and _____ of the corporation described in and that executed the within instrument, and also known to me to be the person(s) who executed it on behalf of the corporation therein named and he acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission Expires:

Notary Public in and for said State

INDIVIDUAL ACKNOWLEDGMENT

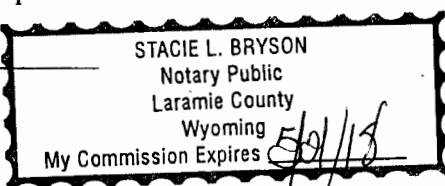
STATE OF Wyoming)
) ss.
COUNTY OF Laramie)

On this 24 day of Nov, 2014, before me Stacie Bryson, a Notary Public in and for said County and State, personally appeared Barbara Mugg Personal Representative, personally known to me/proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged that She executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission Expires:

5/21/15



Stacie Bryson
Notary Public in and for said State

COUNTY OF LARAMIE, STATE OF WYOMING

Probate No. 46-824

IN THE MATTER OF THE ESTATE)
)
 OF)
)
 ROY GILBERT STOUFFER, Deceased.)

FILED

SEP 16 2014

SANDY LANDERS
CLERK OF THE DISTRICT COURT

LETTERS TESTAMENTARY

STATE OF WYOMING)
) ss.
 COUNTY OF LARAMIE)

THE LAST WILL AND TESTAMENT of Roy Gilbert Stouffer, deceased, having been filed, proved and admitted to probate by an Order, dated the 12th day of September, 2014, and issued by the District Court for the First Judicial District, within and for the County of Laramie, in the State of Wyoming; and Barbara L. Mugg having been appointed by said Court Order as Personal Representative of said decedent's Estate, and having heretofore sworn and subscribed an oath to perform the duties of that office according to law;

THESE LETTERS TESTAMENTARY ISSUE to confirm the appointment of Barbara L. Mugg as Personal Representative of the Estate of Roy Gilbert Stouffer, deceased.

WITNESS, Sandy Landers, Clerk of the District Court for the First Judicial District, within and for the County of Laramie, in the State of Wyoming with the Seal of the said Court affixed this 16th day of September, 2014.

Sandy Landers

Clerk of District Court

STATE OF WYOMING COUNTY OF LARAMIE, SS CHEYENNE

I, Sandy Landers, Clerk of the District Court in and for the County of Laramie, Wyoming, do hereby certify that the within and foregoing is a full true and correct copy of the original thereof as the same appears on file or of record in my office and that the same is in full force and effect as of this date.

Witness my hand and seal of said court this 16 day of Sept 2014

SANDY LANDERS
Clerk of District Court

By *[Signature]*
Deputy

By: *[Signature]*
Deputy Clerk