

COMMUNITIZATION AGREEMENT

Contract No. _____

THIS AGREEMENT, entered into as of the date shown in Section 10 hereof by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto."

WITNESSETH:

WHEREAS, the act of February 25, 1920 (41 Stat. 437), as amended and supplemented, authorized communization or drilling agreements communizing or pooling a Federal oil and gas lease, or any portion thereof, with other lands, whether or not owned by the United States, when separate tracts under such Federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area and such communization or pooling is determined to be in the public interest; and

WHEREAS, the Commissioner of Public Lands of the State of New Mexico, herein called "the Commissioner", is authorized to consent to and approve agreements pooling state oil and gas leases or any portion thereof, when separate tracts under such state leases cannot be independently developed and operated economically in conformity with well-spacing and gas proration rules and regulations established for the field or area and such pooling is determined to be in the public interest; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and

WHEREAS, the parties hereto desire to communize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communized substances in accordance with the terms and conditions of this agreement;

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreement by and between the parties hereto as follows:

BEFORE THE OIL CONVERSION
DIVISION
Santa Fe, New Mexico
Exhibit No. 5
Submitted by: WPX ENERGY
Hearing Date: March 20, 2014

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows, and as depicted on "Exhibit "A".

Township 23 North, Range 6 West, NMPM

Section 5: Lots 1, 2, 3, 4, S/2N/2, S/2

Section 6: Lots 1, 2, 3, 4, 5, 6, 7, S/2NE/4, SE/4NW/4, E/2SW/4, SE/4

Section 7: Lots 1, 2, 3, 4, E/2W/2, E/2

Section 8: All

Section 16: SE/4, W/2

Section 17: Lots 1, 2, 3, 4, 5, 6, 7, NE/4NE/4, S/2

Section 18: Lots 1, 2, 3, 4, E/2NE/4, W/2NE/4, E/2W/2, SE/4

Section 19: Lots 1, 2, 3, 4, E/2W/2, E/2

Township 23 North, Range 7 West, NMPM

Section 1: Lots 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20

Section 11: Lots 1, 2, S/2NW/4, NE/4, S/2

Section 12: Lots 1, 2, 3, NW/4SW/4, N/2, SE/4

Section 13: All

Section 14: All

Section 15: NE/4, S/2

Section 24: All

Containing **9,237.30 acres**, and this agreement shall include only the Mancos formation as to horizontal wells only underlying said lands and the oil and gas, hereinafter, referred to as "communitized substances", producible from such formation. All pre-existing and future vertical wells within the Communitization Agreement boundary drilled and completed in the Mancos formation are excluded from this Agreement. The Mancos formation is being defined as from the top of the Mancos Formation at a depth of 4,542 feet down to the stratigraphic equivalent of the top of the Greenhorn Formation at a depth of 6,289 feet as encountered in the Rincon #20 well in Section 11, Township 23 North, Range 7 West, N.M.P.M. (API 30-039-26768).

2. Attached hereto, and made a part of this agreement for all purposes is Exhibit B, designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.

3. All matters of operation shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator may be designated by the owners of the working interest in the communitized area and three (3) executed copies of a designation of successor operator shall be filed with the Authorized Officer and three (3) additional executed copies thereof shall be filed with the Commission.

4. Operator shall furnish the Secretary of the Interior, and the Commissioner, or his authorized representative, with a log and history of any well drilled

on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States and the State of New Mexico, as specified in the applicable oil and gas regulations.

5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced therefrom shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage committed to this agreement.

All proceeds, 8/8ths, attributed to unleased Federal, State, or Fee land included within the CA area are to be placed in an interest earning escrow or trust account by the designated operator until the land is leased or ownership is established.

6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.

7. All communitized substances produced under this agreement, except any part thereof used in conformity with good operating practices within the communitized 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 Secretary of Interior, or unavoidably lost shall be deemed to be produced equally on an acreage basis from the several tracts of communitized land and unleased Federal land, if any. 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 Secretary of Interior 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 Secretary of Interior 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. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area shall be payable on the communitized substances used, not lost or consumed in Unit Operations as herein described.

8. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.

9. The commencement, completion, continued operations, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as a commencement, completion, continued operations, or production on each and all of the lands within and comprising said communitized area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.

10. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders, rules or regulations.

11. This agreement is **effective January 1, 2013** upon execution of the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of Interior, or his duly authorized representative, and shall remain in force and effect for a period of two (2) years and so long thereafter as communitized substances are produced or can be produced from the communitized area in paying quantities; provided, that this agreement shall not expire if there is a well capable of producing gas in paying quantities located upon some part of the communitized area, if such well is shut-in due to the inability of the operator to obtain a pipeline connection or to market the gas therefrom, and if a shut-in royalty has been timely and properly paid pursuant to the provisions of one of the State of New Mexico oil and gas leases covering lands subject to this agreement so as to prevent the expiration of such lease; provided further that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of Interior, or his duly authorized representative, and all requirements of the Commissioners, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within sixty (60) days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted

and prosecuted with reasonable diligence during the period of nonproduction. The two-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period. As to lands owned by the State of New Mexico, there shall be no cessation of more than twenty (20) consecutive days; provided, however, that as to lands owned by the State of New Mexico, written notice of intention to commence such operations shall be filed with the Commissioner within thirty (30) days after the cessation of such production, and a report of the status of such operations shall be made by the Operator to the Commissioner every thirty (30) days, and the cessation of such operations for more than twenty (20) consecutive days shall be considered as an abandonment of such operations as to any lease from the State of New Mexico included in this agreement.

12. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interest until this agreement terminates, and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal lands shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.

13. It is agreed by the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all operations within the communitized area to the same extent and degree as provided in the oil and gas leases under which the United States of America is lessor, and in the applicable oil and gas operating regulations of the Department of the Interior. It is further agreed between the parties hereto that the Commissioner shall have the right of supervision over all operations to the same extent and degree as provided in the oil and gas leases under which the State of New Mexico is lessor and in the applicable oil and gas statutes and regulations of the State of New Mexico.

14. This agreement shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, executors, administrators, successors, and assigns.

15. 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 parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document.

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

17. 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.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the date and year first above written and have set opposite their respective names the date of execution.

Date of Execution

WPX Energy Production, LLC

By: _____
Printed Name: _____
Title: President

Parko, Inc.

By: _____
Printed Name: _____
Title: _____

J.J. Weidler

Date of Execution

By: _____
Printed Name: _____
Title: _____

Mark E. Weidler

Date of Execution

By: _____
Printed Name: _____

Title: _____

Elm Ridge Exploration Company, LLC

Date of Execution

By: _____

Printed Name: _____

Title: _____

Logos Resources, LLC

Date of Execution

By: _____

Printed Name: _____

Title: _____

Manana Gas, Inc.

Date of Execution

By: _____

Printed Name: _____

Title: _____

Lorna R. Harvey

Date of Execution

By: _____

Printed Name: _____

Title: _____

Merrion Oil & Gas Corporation

Date of Execution

By: _____

Printed Name: _____

Title: _____

E. Patrick Barton, Jr.

Date of Execution

By: _____

Printed Name: _____

Title: _____

Andrew Barton

Date of Execution

By: _____

Printed Name: _____

Title: _____

J. Kevin Barton

Date of Execution

By: _____

Printed Name: _____

Title: _____

El Barranco LLC

Date of Execution

By: _____

Printed Name: _____

Title: _____

Mary E. B. Gonzales

Date of Execution

By: _____

Printed Name: _____

Title: _____

STATE OF OKLAHOMA)

)

COUNTY OF _____)

This instrument was acknowledged before me on _____, by
_____, as _____ of
_____, an Oklahoma corporation, on behalf of said
corporation.

NOTARY PUBLIC in and for
the State of
Notary's printed name:
My Commission expires:

STATE OF _____)
)
COUNTY OF _____)

This instrument was acknowledged before me on _____, by _____, as _____ of _____, a _____ corporation, on behalf of said corporation.

NOTARY PUBLIC in and for
the State of _____
Notary's printed name: _____
My Commission expires: _____

R 7 W

R 6 W

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23
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NRIO ARRIBA
COUNTYRIO ARRIBA
COUNTYSANDOVAL
COUNTYSANDOVAL
COUNTY

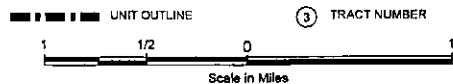
R 7 W

R 6 W



FEDERAL LANDS
STATE LANDS
PATENTED LANDS

ACREAGE	PERCENTAGE
9,357.30	90.4734%
480.00	5.1963%
400.00	4.3351%
TOTALS	100.00%



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

EXHIBIT "A"
TO THE
NORTHEAST CHACO COMMUNITIZATION AGREEMENT
RIO ARRIBA & SANDOVAL COUNTIES, NEW MEXICO

WPX ENERGY INC.
TULSA, OKLAHOMA

2-27-2014

EXHIBIT "B"

Attached to and made a part of that certain Communitization Agreement embracing 9,237.30 acres involving lands in Sections 5, 6, 7, 8, 17, 18 and 19, Township 23 North, Range 6 West and Sections 1, 11, 12, 13, 14, 15 and 24, Township 23 North, Range 7 West all located in Rio Arriba and Sandoval 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 4,542 feet down to the stratigraphic equivalent of the top of the Greenhorn Formation at a depth of 6,289 feet as encountered in the Rincon #20 well in Section 11, Township 23 North, Range 7 West, N.M.P.M. API 30-039-26768

COMMUNITIZED AREA OPERATOR: WPX Energy Production, LLC.

DESCRIPTION OF LEASES COMMITTED

TRACT NO. 1

Lease Serial Number:	NMSF – 0 78359
Lease date:	February 1, 1948
Recorded:	Federal Records
Lease Term:	10 years*
	*HBP
Lessor:	United States of America
Present Lessees	
(Record Title Owner):	Elm Ridge Exploration Company, LLC 100.00000000%

As to Section 7: SE/4; Section 17: Lots 1, 2, 3, 4, 5, 6, 7, S/2; Section 18: Lots 1, 2, E/2NW/4, W/2NE/4 in Township 23 North, Range 6 West, NMPM and Section 12: SE/4; Section 13: S/2NW/4 in Township 23 North, Range 7 West, NMPM:

Name and

Percent of WI Owners

(Operating Rights):	WPX Energy Production, LLC	100.00000000%
Royalty:	12.5%	

Name & Percent of

ORRI Owner:

GARG Oil	0.1606325%
Trunk Bay Royalty Partners, Ltd.	0.0481898%
WPX Energy Production, LLC	0.0178656%
Aledo Royalty Company	0.0371851%
Kimbell Art Foundation	0.0610968%
The Burnett Foundation	0.1034743%
J.C. Pace, Ltd	0.0305485%
Lowe Royalty Partners, L.P.	0.0305485%
Gorda Sound Royalties, L.P.	0.0197140%
John Huff	0.0065713%
White Oak Energy Royalty Partners, L.P.	0.0164283%

Energy Royalties, L.L.C.	0.0065713%
WMH2, LLC	0.0065713%
Oil Nut Bay Royalties, LP	0.0952843%
Chilton Minerals, Ltd.	0.0197140%
Richard Gordon Pettigrew	0.1603900%
Charlsia Rhea Pettigrew	0.1603900%
Gas Producers Corporation	0.3219500%
W.D. McBee Enterprises, Ltd.	0.3215800%
Irene D. Kervin	0.1607900%
The Estate of Helen Kathryn Wells	0.0178656%
Mary Ann Kervin	0.0178656%
Daniel Eugene Kervin, Jr.	0.0178656%
Ivy Creek Investments, Ltd.	0.0089326%
William C. Eiland	0.0089327%
Mary Elizabeth Maher	0.0178656%
1 st National Bank in Dallas, trustee for For Estate of D. E. Kervin	0.0535967%
Aline Constantin Delaney Bass	0.3215800%
Kay Rodgers Gribble	0.7500000%
Wayne & Jo Ann Moore Charitable Foundation	1.0000000%
Kathy Jo Campbell	0.5000000%
Debra Lee Dupray	0.2500000%
Gregory D. Harkins	0.2500000%

As to Section 8: W/2SE/4, W/2SW/4 in Township 23 North, Range 6 West, NMPM:

Name and

Percent of WI Owners

(Operating Rights):

WPX Energy Production, LLC

100.0000000%

Royalty:

12.5%

Name & Percent of

ORRI Owner:

GARG Oil

0.1204744%

Trunk Bay Royalty Partners, Ltd.

0.0361423%

WPX Energy Production, LLC

0.0133991%

Aledo Royalty Company

0.0278888%

Kimbell Art Foundation

0.0458226%

The Burnett Foundation

0.0776057%

J.C. Pace, Ltd

0.0229114%

Lowe Royalty Partners, L.P.

0.0229114%

Gorda Sound Royalties, L.P.

0.0147855%

John Huff

0.0049285%

White Oak Energy Royalty Partners, L.P.

0.0123212%

Energy Royalties, L.L.C.

0.0049285%

WMH2, LLC

0.0049285%

Oil Nut Bay Royalties, LP

0.0714632%

Chilton Minerals, Ltd.	0.0147855%
Richard Gordon Pettigrew	0.1202925%
Charlsia Rhea Pettigrew	0.1202925%
Gas Producers Corporation	0.2414625%
W.D. McBee Enterprises, Ltd.	0.2411850%
Irene D. Kervin	0.1205925%
The Estate of Helen Kathryn Wells	0.0133992%
Mary Ann Kervin	0.0133992%
Daniel Eugene Kervin, Jr.	0.0133992%
Ivy Creek Investments, Ltd.	0.0066995%
William C. Eiland	0.0066996%
Mary Elizabeth Maher	0.0133992%
1 st National Bank in Dallas, trustee for For Estate of D. E. Kervin	0.0401975%
Aline Constantin Delaney Bass	0.2411850%
Kay Rodgers Gribble	0.5625000%
Wayne & Jo Ann Moore Charitable Foundation	1.0000000%
Kathy Jo Campbell	0.5000000%
Debra Lee Dupray	0.2500000%
Gregory D. Harkins	0.2500000%

As to Section 8: NE/4SE/4, E/2SW/4 in Township 23 North, Range 6 West, NMPM:

Name and

Percent of WI Owners

(Operating Rights):	WPX Energy Production, LLC	100.0000000%
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Royalty:	12.5%
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Name & Percent of

ORRI Owner:	GARG Oil	0.0803163%
	Trunk Bay Royalty Partners, Ltd.	0.0240949%
	WPX Energy Production, LLC	0.0089326%
	Aledo Royalty Company	0.0185925%
	Kimbell Art Foundation	0.0305484%
	The Burnett Foundation	0.0517371%
	J.C. Pace, Ltd	0.0152743%
	Lowe Royalty Partners, L.P.	0.0152743%
	Gorda Sound Royalties, L.P.	0.0098570%
	John Huff	0.0032857%
	White Oak Energy Royalty Partners, L.P.	0.0082142%
	Energy Royalties, L.L.C.	0.0032857%
	WMH2, LLC	0.0032857%
	Oil Nut Bay Royalties, LP	0.0476421%
	Chilton Minerals, Ltd.	0.0098570%
	Richard Gordon Pettigrew	0.0801950%
	Charlsia Rhea Pettigrew	0.0801950%

Gas Producers Corporation	0.1609750%
W.D. McBee Enterprises, Ltd.	0.1607900%
Irene D. Kervin	0.0803950%
The Estate of Helen Kathryn Wells	0.0089328%
Mary Ann Kervin	0.0089328%
Daniel Eugene Kervin, Jr.	0.0089328%
Ivy Creek Investments, Ltd.	0.0044663%
William C. Eiland	0.0044664%
Mary Elizabeth Maher	0.0089328%
1 st National Bank in Dallas, trustee for For Estate of D. E. Kervin	0.0267983%
Aline Constantin Delaney Bass	0.1607900%
Kay Rodgers Gribble	0.3750000%
Wayne & Jo Ann Moore Charitable Foundation	1.0000000%
Kathy Jo Campbell	0.5000000%
Debra Lee Dupray	0.2500000%
Gregory D. Harkins	0.2500000%

As to Section 12: Lot 3, NW/4SW/4; Section 13: E/2NE/4 in Township 23 North, Range 7 West, NMPM:

Name and

Percent of WI Owners

(Operating Rights):	WPX Energy Production, LLC	100.0000000%
Royalty:	12.5%	

Name & Percent of

ORRI Owner:	WPX Energy Production, LLC	0.5000000%
	Monsanto Company	1.0000000%
	R.E. Barbre	1.0000000%
	E. Perry	1.0000000%
	Wayne & Jo Ann Moore Charitable Foundation	1.0000000%
	Darrell C. Williams	0.5000000%
	Kathy Jo Campbell	0.5000000%
	Debra Lee Dupray	0.2500000%
	Gregory D. Harkins	0.2500000%

As to Section 12: Lots 1, 2 in Township 23 North, Range 7 West, NMPM:

Name and

Percent of WI Owners

(Operating Rights):	WPX Energy Production, LLC	100.0000000%
Royalty:	12.5%	

Name & Percent of

ORRI Owner:	WPX Energy Production, LLC	0.5000000%
	Darrell F. Rhodes	1.0000000%
	R.E. Barbre	1.0000000%
	E. Perry	1.0000000%

Wayne & Jo Ann Moore Charitable Foundation	1.0000000%
Darrell C. Williams	0.5000000%
Kathy Jo Campbell	0.5000000%
Debra Lee Dupray	0.2500000%
Gregory D. Harkins	0.2500000%

As to Section 7: Lots 3, 4, E/2SW/4 in Township 23 North, Range 6 West, NMPM and Section 13: W/2NE/4, N/2NW/4 in Township 23 North, Range 7 West, NMPM:

Name and

Percent of WI Owners

(Operating Rights):	WPX Energy Production, LLC	100.0000000%
Royalty:	12.5%	

Name & Percent of

ORRI Owner:	WPX Energy Production, LLC	0.5000000%
	Darrell F. Rhodes	0.5000000%
	Henry Black	0.2500000%
	D.W. George	0.1250000%
	French W. Robertson	0.1250000%
	R.E. Barbre	1.0000000%
	E. Perry	1.0000000%
	Wayne & Jo Ann Moore Charitable Foundation	1.0000000%
	Darrell C. Williams	0.5000000%
	Kathy Jo Campbell	0.5000000%
	Debra Lee Dupray	0.2500000%
	Gregory D. Harkins	0.2500000%

As to Section 8: SW/4NW/4 in Township 23 North, Range 6 West, NMPM:

Name and

Percent of WI Owners

(Operating Rights):	Logos Resources, LLC	100.0000000%
Royalty:	12.5%	

Name & Percent of

ORRI Owner:	GARG Oil	0.0803163%
	Trunk Bay Royalty Partners, Ltd.	0.0240949%
	WPX Energy Production, LLC	0.0089326%
	Aledo Royalty Company	0.0185925%
	Kimbell Art Foundation	0.0305484%
	The Burnett Foundation	0.0517371%
	J.C. Pace, Ltd	0.0152743%
	Lowe Royalty Partners, L.P.	0.0152743%
	Gorda Sound Royalties, L.P.	0.0098570%
	John Huff	0.0032857%
	White Oak Energy Royalty Partners, L.P.	0.0082142%

Energy Royalties, L.L.C.	0.0032857%
WMH2, LLC	0.0032857%
Oil Nut Bay Royalties, LP	0.0476421%
Chilton Minerals, Ltd.	0.0098570%
Richard Gordon Pettigrew	0.0801950%
Charlsia Rhea Pettigrew	0.0801950%
Gas Producers Corporation	0.1609750%
W.D. McBee Enterprises, Ltd.	0.1607900%
Irene D. Kervin	0.0803950%
The Estate of Helen Kathryn Wells	0.0089328%
Mary Ann Kervin	0.0089328%
Daniel Eugene Kervin, Jr.	0.0089328%
Ivy Creek Investments, Ltd.	0.0044663%
William C. Eiland	0.0044664%
Mary Elizabeth Maher	0.0089328%
1 st National Bank in Dallas, trustee for For Estate of D. E. Kervin	0.0267983%
Aline Constantin Delaney Bass	0.1607900%
Kay Rodgers Gribble	0.3750000%
Wayne & Jo Ann Moore Charitable Foundation	1.0000000%
Kathy Jo Campbell	0.5000000%
Debra Lee Dupray	0.2500000%
Gregory D. Harkins	0.2500000%

As to Section 8: SE/4NW/4 in Township 23 North, Range 6 West, NMPM:

Name and Percent of WI Owners (Operating Rights):	Logos Resources, LLC	100.0000000%
Royalty:	12.5%	
Name & Percent of ORRI Owner:	GARG Oil	0.1204744%
	Trunk Bay Royalty Partners, Ltd.	0.0361423%
	WPX Energy Production, LLC	0.0133991%
	Aledo Royalty Company	0.0278888%
	Kimbell Art Foundation	0.0458226%
	The Burnett Foundation	0.0776057%
	J.C. Pace, Ltd	0.0229114%
	Lowe Royalty Partners, L.P.	0.0229114%
	Gorda Sound Royalties, L.P.	0.0147855%
	John Huff	0.0049285%
	White Oak Energy Royalty Partners, L.P.	0.0123212%
	Energy Royalties, L.L.C.	0.0049285%
	WMH2, LLC	0.0049285%

Oil Nut Bay Royalties, LP	0.0714632%
Chilton Minerals, Ltd.	0.0147855%
Richard Gordon Pettigrew	0.1202925%
Charlsia Rhea Pettigrew	0.1202925%
Gas Producers Corporation	0.2414625%
W.D. McBee Enterprises, Ltd.	0.2411850%
Irene D. Kervin	0.1205925%
The Estate of Helen Kathryn Wells	0.0133992%
Mary Ann Kervin	0.0133992%
Daniel Eugene Kervin, Jr.	0.0133992%
Ivy Creek Investments, Ltd.	0.0066995%
William C. Eiland	0.0066996%
Mary Elizabeth Maher	0.0133992%
1 st National Bank in Dallas, trustee for For Estate of D. E. Kervin	0.0401975%
Aline Constantin Delaney Bass	0.2411850%
Kay Rodgers Gribble	0.5625000%
Wayne & Jo Ann Moore Charitable Foundation	1.0000000%
Kathy Jo Campbell	0.5000000%
Debra Lee Dupray	0.2500000%
Gregory D. Harkins	0.2500000%

As to Section 11: S/2 in Township 23 North, Range 7 West, NMPM:

Name and

Percent of WI Owners

(Operating Rights):	WPX Energy Production, LLC	94.0000000%
	Manana Gas, Inc.	6.0000000%
	TOTAL	100.0000000%

Royalty:

12.5%

Name & Percent of

ORRI Owner:

GARG Oil	0.1606325%
Trunk Bay Royalty Partners, Ltd.	0.0481898%
WPX Energy Production, LLC	0.0178656%
Aledo Royalty Company	0.0371851%
Kimbell Art Foundation	0.0610968%
The Burnett Foundation	0.1034743%
J.C. Pace, Ltd	0.0305485%
Lowe Royalty Partners, L.P.	0.0305485%
Gorda Sound Royalties, L.P.	0.0197140%
John Huff	0.0065713%
White Oak Energy Royalty Partners, L.P.	0.0164283%
Energy Royalties, L.L.C.	0.0065713%
WMH2, LLC	0.0065713%
Oil Nut Bay Royalties, LP	0.0952843%

Chilton Minerals, Ltd.	0.0197140%
Richard Gordon Pettigrew	0.1603900%
Charlsia Rhea Pettigrew	0.1603900%
Gas Producers Corporation	0.3219500%
W.D. McBee Enterprises, Ltd.	0.3215800%
Irene D. Kervin	0.1607900%
The Estate of Helen Kathryn Wells	0.0178656%
Mary Ann Kervin	0.0178656%
Daniel Eugene Kervin, Jr.	0.0178656%
Ivy Creek Investments, Ltd.	0.0089326%
William C. Eiland	0.0089327%
Mary Elizabeth Maher	0.0178656%
1 st National Bank in Dallas, trustee for For Estate of D. E. Kervin	0.0535967%
Aline Constantin Delaney Bass	0.3215800%
Kay Rodgers Gribble	0.7500000%
Wayne & Jo Ann Moore Charitable Foundation	1.0000000%
Kathy Jo Campbell	0.5000000%
Debra Lee Dupray	0.2500000%
Gregory D. Harkins	0.2500000%

Description of Land

Committed:

Township 23 North, Range 6 West, NMPM

Section 7: Lots 3, 4, E/2SW/4, SE/4

Section 8: S/2NW/4, SW/4, N/2SE/4, SW/4SE/4

Section 17: Lots 1, 2, 3, 4, 5, 6, 7, S/2

Section 18: Lots 1, 2, E/2NW/4, W/2NE/4

Township 23 North, Range 7 West, NMPM

Section 11: S/2

Section 12: Lots 1, 2, 3, NW/4SW/4, SE/4

Section 13: N/2

Containing 2,461.69 acres, more or less

Rio Arriba County, New Mexico

TRACT NO. 2

Lease Serial Number:	NMSF – 0 78360	
Lease date:	February 1, 1948	
Recorded:	Federal Records	
Lease Term:	10 years*	
	*HBP	
Lessor:	United States of America	
Present Lessees		
(Record Title Owner):	Elm Ridge Exploration Company, LLC	100.0000000%

As to Section 14: W/2NE/4 in Township 23 North, Range 7 West, NMPM:

Name and		
Percent of WI Owners		
(Operating Rights):	WPX Energy Production, LLC	100.0000000%

Royalty: 12.5%

Name & Percent of

ORRI Owner:	GARG Oil	0.1606325%
	Trunk Bay Royalty Partners, Ltd.	0.0481898%
	WPX Energy Production, LLC	0.0178656%
	Aledo Royalty Company	0.0371851%
	Kimbell Art Foundation	0.0610968%
	The Burnett Foundation	0.1034743%
	J.C. Pace, Ltd	0.0305485%
	Lowe Royalty Partners, L.P.	0.0305485%
	Gorda Sound Royalties, L.P.	0.0197140%
	John Huff	0.0065713%
	White Oak Energy Royalty Partners, L.P.	0.0164283%
	Energy Royalties, L.L.C.	0.0065713%
	WMH2, LLC	0.0065713%
	Oil Nut Bay Royalties, LP	0.0952843%
	Chilton Minerals, Ltd.	0.0197140%
	Richard Gordon Pettigrew	0.1603900%
	Charlsia Rhea Pettigrew	0.1603900%
	Gas Producers Corporation	0.3219500%
	W.D. McBee Enterprises, Ltd.	0.3215800%
	Irene D. Kervin	0.1607900%
	The Estate of Helen Kathryn Wells	0.0178656%
	Mary Ann Kervin	0.0178656%
	Daniel Eugene Kervin, Jr.	0.0178656%
	Ivy Creek Investments, Ltd.	0.0089326%
	William C. Eiland	0.0089327%

Mary Elizabeth Maher	0.0178656%
1 st National Bank in Dallas, trustee for For Estate of D. E. Kervin	0.0535967%
Aline Constantin Delaney Bass	0.3215800%
Kay Rodgers Gribble	0.7500000%
Wayne & Jo Ann Moore Charitable Foundation	1.0000000%
Estate of Alice R. Childers	0.5000000%
Debra Lee Dupray	0.2500000%
Gregory D. Harkins	0.2500000%

As to Section 18: Lots 3, 4, E/2SW/4, SE/4; Section 19: Lots 1, 2, 3, 4, E/2W/2, E/2 in Township 23 North, Range 6 West, NMPM and Section 13: S/2; Section 14: NW/4, E/2NE/4, S/2; Section 24: All, in Township 23 North, Range 7 West, NMPM:

Name and

Percent of WI Owners

(Operating Rights):	WPX Energy Production, LLC	100.0000000%
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Royalty:	12.5%
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Name & Percent of

ORRI Owner:	GARG Oil	0.1606325%
	Trunk Bay Royalty Partners, Ltd.	0.0481898%
	WPX Energy Production, LLC	0.0178656%
	Aledo Royalty Company	0.0371851%
	Kimbell Art Foundation	0.0610968%
	The Burnett Foundation	0.1034743%
	J.C. Pace, Ltd	0.0305485%
	Lowe Royalty Partners, L.P.	0.0305485%
	Gorda Sound Royalties, L.P.	0.0197140%
	John Huff	0.0065713%
	White Oak Energy Royalty Partners, L.P.	0.0164283%
	Energy Royalties, L.L.C.	0.0065713%
	WMH2, LLC	0.0065713%
	Oil Nut Bay Royalties, LP	0.0952843%
	Chilton Minerals, Ltd.	0.0197140%
	Richard Gordon Pettigrew	0.1603900%
	Charlsia Rhea Pettigrew	0.1603900%
	Gas Producers Corporation	0.3219500%
	W.D. McBee Enterprises, Ltd.	0.3215800%
	Irene D. Kervin	0.1607900%
	The Estate of Helen Kathryn Wells	0.0178656%
	Mary Ann Kervin	0.0178656%
	Daniel Eugene Kervin, Jr.	0.0178656%
	Ivy Creek Investments, Ltd.	0.0089326%
	William C. Eiland	0.0089327%

Mary Elizabeth Maher	0.0178656%
1 st National Bank in Dallas, trustee for	0.0535967%
For Estate of D. E. Kervin	
Aline Constantin Delaney Bass	0.3215800%
Kay Rodgers Gribble	0.7500000%
Wayne & Jo Ann Moore Charitable Foundation	1.0000000%
Estate of Alice R. Childers	0.5000000%
Debra Lee Dupray	0.2500000%
Gregory D. Harkins	0.2500000%

Description of Land

Committed:

Township 23 North, Range 6 West, NMPM

Section 18: Lots 3, 4, E/2SW/4, SE/4

Section 19: Lots 1, 2, 3, 4, E/2W/2, E/2

Township 23 North, Range 7 West, NMPM

Section 13: S/2

Section 14: All

Section 24: All

Containing 2,565.24 acres, more or less

Rio Arriba County, New Mexico

TRACT NO. 3

Lease Serial Number:	NMSF – 0 78362	
Lease date:	February 1, 1948	
Recorded:	Federal Records	
Lease Term:	10 years*	
	*HBP	
Lessor:	United States of America	
Present Lessees		
(Record Title Owner):	Elm Ridge Exploration Company, LLC	100.0000000%

As to Section 11: Lots 1, 2, NE/4, S/2NW/4 in Township 23 North, Range 7 West, NMPM:

Name and

Percent of WI Owners

(Operating Rights):	WPX Energy Production, LLC	94.0000000%
	Manana Gas, Inc.	6.0000000%
	TOTAL	100.0000000%

Royalty: 12.5%

Name & Percent of

ORRI Owner:	GARG Oil	0.1606325%
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Trunk Bay Royalty Partners, Ltd.	0.0481898%
WPX Energy Production, LLC	0.0178656%
Joel B. & Alma P. Burr	0.2711250%
Jean Cooley	0.1038750%
George T. Slaughter	0.2711250%
William J. Cooley	0.1038750%
Aledo Royalty Company	0.0371851%
Kimbell Art Foundation	0.0610968%
The Burnett Foundation	0.1034743%
J.C. Pace, Ltd	0.0305485%
Lowe Royalty Partners, L.P.	0.0305485%
Gorda Sound Royalties, L.P.	0.0197140%
John Huff	0.0065713%
White Oak Energy Royalty Partners, L.P.	0.0164283%
Energy Royalties, L.L.C.	0.0065713%
WMH2, LLC	0.0065713%
Oil Nut Bay Royalties, LP	0.0952843%
Chilton Minerals, Ltd.	0.0197140%
Richard Gordon Pettigrew	0.1603900%
Charlsia Rhea Pettigrew	0.1603900%
Gas Producers Corporation	0.3219500%
W.D. McBee Enterprises, Ltd.	0.3215800%
Irene D. Kervin	0.1607900%
The Estate of Helen Kathryn Wells	0.0178656%
Mary Ann Kervin	0.0178656%
Daniel Eugene Kervin, Jr.	0.0178656%
Ivy Creek Investments, Ltd.	0.0089326%
William C. Eiland	0.0089327%
Mary Elizabeth Maher	0.0178656%
1 st National Bank in Dallas, trustee for For Estate of D. E. Kervin	0.0535967%
Aline Constantin Delaney Bass	0.3215800%
Kay Rodgers Gribble	0.7500000%
Wayne & Jo Ann Moore Charitable Foundation	1.0000000%
Estate of Alice R. Childers	0.5000000%
Debra Lee Dupray	0.2500000%
Gregory D. Harkins	0.2500000%

As to Section 6: Lots 1, 2, 3, 4, 5, 6, 7, S/2NE/4, SE/4NW/4, E/2SW/4, SE/4; Section 7: Lots 1, 2, E/2NW/4, NE/4 in Township 23 North, Range 6 West, NMPM and Section 1: Lots 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20; Section 12: N/2 in Township 23 North, Range 7 West, NMPM:

Name and

Percent of WI Owners

(Operating Rights):

WPX Energy Production, LLC

100.0000000%

Royalty:	12.5%	
Name & Percent of ORRI Owner:		
	GARG Oil	0.1606325%
	Trunk Bay Royalty Partners, Ltd.	0.0481898%
	WPX Energy Production, LLC	0.0178656%
	Aledo Royalty Company	0.0371851%
	Kimbell Art Foundation	0.0610968%
	The Burnett Foundation	0.1034743%
	J.C. Pace, Ltd	0.0305485%
	Lowe Royalty Partners, L.P.	0.0305485%
	Gorda Sound Royalties, L.P.	0.0197140%
	John Huff	0.0065713%
	White Oak Energy Royalty Partners, L.P.	0.0164283%
	Energy Royalties, L.L.C.	0.0065713%
	WMH2, LLC	0.0065713%
	Oil Nut Bay Royalties, LP	0.0952843%
	Chilton Minerals, Ltd.	0.0197140%
	Richard Gordon Pettigrew	0.1603900%
	Charlsia Rhea Pettigrew	0.1603900%
	Gas Producers Corporation	0.3219500%
	W.D. McBee Enterprises, Ltd.	0.3215800%
	Irene D. Kervin	0.1607900%
	The Estate of Helen Kathryn Wells	0.0178656%
	Mary Ann Kervin	0.0178656%
	Daniel Eugene Kervin, Jr.	0.0178656%
	Ivy Creek Investments, Ltd.	0.0089326%
	William C. Eiland	0.0089327%
	Mary Elizabeth Maher	0.0178656%
	1 st National Bank in Dallas, trustee for For Estate of D. E. Kervin	0.0535967%
	Aline Constantin Delaney Bass	0.3215800%
	Kay Rodgers Gribble	0.7500000%
	Wayne & Jo Ann Moore Charitable Foundation	1.0000000%
	Estate of Alice R. Childers	0.5000000%
	Debra Lee Dupray	0.2500000%
	Gregory D. Harkins	0.2500000%

As to Section 5: Lots 2, 4, SW/4NW/4, SW/4NE/4 in Township 23 North, Range 6 West, NMPM:

Name and Percent of WI Owners (Operating Rights):	WPX Energy Production, LLC	100.0000000%
Royalty:	12.5%	

Name & Percent of ORRI Owner:	GARG Oil	0.0803163%
	Trunk Bay Royalty Partners, Ltd.	0.0240949%
	WPX Energy Production, LLC	0.0089326%
	Aledo Royalty Company	0.0185925%
	Kimbell Art Foundation	0.0305484%
	The Burnett Foundation	0.0517371%
	J.C. Pace, Ltd	0.0152743%
	Lowe Royalty Partners, L.P.	0.0152743%
	Gorda Sound Royalties, L.P.	0.0098570%
	John Huff	0.0032857%
	White Oak Energy Royalty Partners, L.P.	0.0082142%
	Energy Royalties, L.L.C.	0.0032857%
	WMH2, LLC	0.0032857%
	Oil Nut Bay Royalties, LP	0.0476421%
	Chilton Minerals, Ltd.	0.0098570%
	Richard Gordon Pettigrew	0.0801950%
	Charlsia Rhea Pettigrew	0.0801950%
	Gas Producers Corporation	0.1609750%
	W.D. McBee Enterprises, Ltd.	0.1607900%
	Irene D. Kervin	0.0803950%
	The Estate of Helen Kathryn Wells	0.0089328%
	Mary Ann Kervin	0.0089328%
	Daniel Eugene Kervin, Jr.	0.0089328%
	Ivy Creek Investments, Ltd.	0.0044663%
	William C. Eiland	0.0044664%
	Mary Elizabeth Maher	0.0089328%
	1 st National Bank in Dallas, trustee for For Estate of D. E. Kervin	0.0267983%
	Aline Constantin Delaney Bass	0.1607900%
	Kay Rodgers Gribble	0.3750000%
	Wayne & Jo Ann Moore Charitable Foundation	1.0000000%
	Estate of Alice R. Childers	0.5000000%
	Debra Lee Dupray	0.2500000%
	Gregory D. Harkins	0.2500000%

As to Section 5: Lots 1, 3, SE/4NW/4, SE/4NE/4 in Township 23 North, Range 6 West, NMPM:

Name and Percent of WI Owners (Operating Rights):	WPX Energy Production, LLC	100.0000000%
Royalty:	12.5%	
Name & Percent of ORRI Owner:	GARG Oil	0.1204744%
	Trunk Bay Royalty Partners, Ltd.	0.0361423%

WPX Energy Production, LLC	0.0133991%
Aledo Royalty Company	0.0278888%
Kimbell Art Foundation	0.0458226%
The Burnett Foundation	0.0776057%
J.C. Pace, Ltd	0.0229114%
Lowe Royalty Partners, L.P.	0.0229114%
Gorda Sound Royalties, L.P.	0.0147855%
John Huff	0.0049285%
White Oak Energy Royalty Partners, L.P.	0.0123212%
Energy Royalties, L.L.C.	0.0049285%
WMH2, LLC	0.0049285%
Oil Nut Bay Royalties, LP	0.0714632%
Chilton Minerals, Ltd.	0.0147855%
Richard Gordon Pettigrew	0.1202925%
Charlsia Rhea Pettigrew	0.1202925%
Gas Producers Corporation	0.2414625%
W.D. McBee Enterprises, Ltd.	0.2411850%
Irene D. Kervin	0.1205925%
The Estate of Helen Kathryn Wells	0.0133992%
Mary Ann Kervin	0.0133992%
Daniel Eugene Kervin, Jr.	0.0133992%
Ivy Creek Investments, Ltd.	0.0066995%
William C. Eiland	0.0066996%
Mary Elizabeth Maher	0.0133992%
1 st National Bank in Dallas, trustee for For Estate of D. E. Kervin	0.0401975%
Aline Constantin Delaney Bass	0.2411850%
Kay Rodgers Gribble	0.5625000%
Wayne & Jo Ann Moore Charitable Foundation	1.0000000%
Estate of Alice R. Childers	0.5000000%
Debra Lee Dupray	0.2500000%
Gregory D. Harkins	0.2500000%

Description of Land

Committed:

Township 23 North, Range 6 West, NMPM

Section 5: Lots 1, 2, 3, 4, S/2N/2

Section 6: Lots 1, 2, 3, 4, 5, 6, 7, S/2NE/4, SE/4NW/4, E/2SW/4, SE/4

Section 7: Lots 1, 2, E/2NW/4, NE/4

Township 23 North, Range 7 West, NMPM

Section 1: Lots 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20

Section 11: Lots 1, 2, NE/4, S/2NW/4

Section 12: N/2

Containing 2,530.37 acres, more or less

Rio Arriba County, New Mexico

TRACT NO. 4

Lease Serial Number:	NMNM-28735	
Lease date:	November 1, 1976	
Recorded:	Federal Records	
Lease Term:	10 years*	
	*HBP	
Lessor:	United States of America	
Present Lessees		
(Record Title Owner):	Parko, Inc.	100.0000000%
Name and		
Percent of WI Owners		
(Operating Rights):	Parko, Inc.*	100.0000000%
	*Assignment pending from Parko, Inc. to	
	WPX Energy Production, LLC	
Royalty:	12.5%	
Name & Percent of		
ORRI Owner:	Toklan Oil and Gas Corporation	5.0000000%
	Donald Ray Akler and Rosemary Joy Akler	0.4833333%
	Revocable Trust UTA dated 10/30/80	
	Veryl F. Moore and Ella Moore, Trustees	0.4833333%
	Of The Moore Family Trust dated 6/15/1992	
	Joseph S. Lindsley	0.4833334%
Description of Land		
Committed:	<u>Township 23 North, Range 6 West, NMPM</u>	
	Section 5: SE/4SE/4	
	Section 8: E/2NE/4, SW/4NE/4	
	Containing 160.00 acres, more or less	
	Rio Arriba County, New Mexico	

TRACT NO. 5

Lease Serial Number:	NMNM-58870	
Lease date:	July 1, 1984	
Recorded:	Federal Records	
Lease Term:	10 years*	
	*HBP	
Lessor:	United States of America	
Present Lessees		
(Record Title Owner):	J.J. Weidler	50.0000000%
	Mark E. Weidler	50.0000000%

	TOTAL	100.0000000%
Name and Percent of WI Owners (Operating Rights):	WPX Energy Production, LLC	100.0000000%
Royalty:	Sliding Scale	
Name & Percent of ORRI Owner:	Branex Resources, Inc.	2.0400000%
	EMG Properties, Inc.	1.9600000%
	WPX Energy Production, LLC	1.1666666%
	Mark E. Weidler and Jacqueline Joan Weidler, Trustees UTA dated 4/7/1981	3.0000000%
	Phillip D. Lucas	1.1666667%
Description of Land Committed:	<u>Township 23 North, Range 6 West, NMPM</u> Section 18: E/2NE/4 Containing 80.00 acres, more or less Rio Arriba County, New Mexico	

TRACT NO. 6

Lease Serial Number:	NMNM-58876	
Lease date:	August 1, 1984	
Recorded:	Federal Records	
Lease Term:	10 years*	
	*HBP	
Lessor:	United States of America	
Present Lessees (Record Title Owner):	Elm Ridge Exploration Company, LLC	100.0000000%
Name and Percent of WI Owners (Operating Rights):	WPX Energy Production, LLC	100.0000000%
Royalty:	12.5%	
Name & Percent of ORRI Owner:	None	
Description of Land Committed:	<u>Township 23 North, Range 7 West, NMPM</u> Section 15: NE/4, S/2 Containing 480.00 acres, more or less Rio Arriba County, New Mexico	

TRACT NO. 7

Lease Serial Number: NMNM 86033
Lease date: November 1, 1976
Recorded: Federal Records
Lease Term: 5 years*
*HBP
Royalty: Sliding Scale Royalty
Lessor USA
Original Lessee: Gulf Oil Corporation

Present Lessees

(Record Title Owner):	Merrion Oil & Gas Corp	100.00000000%
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Present Lessees

Name and Percent of WI Owners-	LOGOS Resources, LLC	100.00000000%
	TOTAL	100.00000000%
Land Owner Royalty-	USA	12.50000000%*
	TOTAL	12.50000000%*
		*sliding scale royalty
ORRI Owner:	Energen Resources Corporation	5.00000000%
	Toklan Oil and Gas Corporation	1.45000000% ¹
	TOTAL	6.45000000%

Description of Land

Committed: Township 23 North, Range 6 West, NMPM
Section 5: N/2SE/4

Containing 80.00 acres, more or less
Rio Arriba County, New Mexico

¹ Note that this ORRI is disputed and currently held in suspense

TRACT NO. 8

Lease Serial Number: New Mexico State Lease E-1207-9
Lease date: February, 12th 1947
Recorded: State of New Mexico Records
Lease Term: 5 years
*HBP
Lessor: State of New Mexico
Present Lessees
(Record Title Owner): Elm Ridge Exploration Company, LLC 100.00000000%

As to Section 16: NW/4, S/2 in Township 23 North, Range 6 West, NMPM:

Name and
Percent of WI Owners
(Operating Rights): WPX Energy Production, LLC 100.00000000%
Royalty: 12.5%
Name & Percent of
ORRI Owner: WPX Energy Production, LLC 4.6777081%
The Clarksons Group 1.25000000%
The Clarksons Group 1.56250000%
Almond Energy, LLC 2.0290787%
R.K.C., Inc. 2.0214580%
S/GE-I, a/k/a/ S/GE-I 0.5244526%
Roemer Oil Company 0.4348026%

Description of Land
Committed: Township 23 North, Range 6 West, NMPM
Section 16: NW/4, S/2

Containing 480.00 acres, more or less
Rio Arriba County, New Mexico

TRACT NO. 9

Lease Serial Number: N/A
Mineral interest covered: 1/8
Lease date: January 14, 1982
Recorded: Book 94, Page 390
Lease Term: 5 years*
*HBP
Royalty: 1/6

Lessor: Lorna R. Harvey, who is a married person dealing in her sole and separate property
 Lease Serial Number: N/A
 Mineral interest covered: 1/8
 Lease date: January 14, 1982
 Recorded: Book 94, Page 392
 Lease Term: 5 years*
 *HBP
 Royalty: 1/6
 Lessor: Iris V. Balbach, who is a married person dealing in her sole and separate property
 Lessee: Merrion Oil & Gas Corporation

Lease Serial Number: N/A
 Mineral interest covered: 3/4
 Lease date: January 30, 2004
 Recorded: Book 171, Page 491
 Lease Term: 1/2 year*
 *HBP
 Royalty: 1/8
 Lessor: Merrion Oil & Gas Corporation et al
 Lessee: Resource Development Technology, LLC

Present Lessees:

Name and			
Percent of WI Owners-	LOGOS Resources, LLC		100.00000000%
	TOTAL		100.00000000%
Land Owner Royalty-	Merrion Oil & Gas Corporation		11.45833340%
	Lorna R. Harvey		2.08333333%
	TOTAL		13.54166670%

ORRI Owner: NONE

Description of Land

Committed: Township 23 North, Range 6 West, NMPM
 Section 5: SW/4, SW/4SE/4
 Section 8: N/2NW/4, NW/4NE/4

 Containing 320.00 acres, more or less
 Rio Arriba County, New Mexico

TRACT NO. 10

Lease date: April 5, 1977
Recorded: Book 84, Page 268
Lease Term: 5 years*
*HBP
Royalty: 1/8
Lessor: Marie Louise Quarles, an unmarried woman dealing in her sole and separate property
Lease Serial Number: N/A
Mineral interest covered: 31.66667%

Lease date: April 5, 1977
Recorded: Book 84, Page 265
Lease Term: 5 years*
*HBP
Royalty: 1/8
Lessor: Isabel Burns Barton, an unmarried woman dealing in her sole and separate property property
Lease Serial Number: N/A
Mineral interest covered: 31.66667%

Lease date: April 5, 1977
Recorded: Book 84, Page 229
Lease Term: 5 years*
*HBP
Royalty: 1/8
Lessor: Patricia Burns Glen, an unmarried woman dealing in her sole and separate property property
Lease Serial Number: N/A
Mineral interest covered: 18.333333%

Lease date: April 5, 1977
Recorded: Book 84, Page 226
Lease Term: 5 years*
*HBP
Royalty: 1/8
Lessor: Mary Ellen Boyett, delaing in her sole and separate property, joined herein pro-form by her husband Ronald Brooks Boyett
Lease Serial Number: N/A
Mineral interest covered: 18.333333%

Present Lessees:

Name and Percent of WI Owners-	LOGOS Resources, LLC	100.0000000%
	TOTAL	100.0000000%

Land Owner Royalty-	BARTON JR, E PATRICK	1.5279200%
	BARTON, ANDREW	1.5279200%
	BARTON, J KEVIN	1.5279200%
	BURNS, PATRICIA A	1.6662600%
	EL BARRANCO LLC	4.5837200%
	GONZALES, MARY E.B.	1.6662600%
	TOTAL	12.5000000%

ORRI Owner:	ENERGEN RESOURCES CORPORATION	7.50000000%
	TOTAL	7.50000000%

Description of Land
Committed: Township 23 North, Range 6 West, NMPM
Section 8: SE/4SE/4
Section 17: NE/4NE/4

Containing 80.00 acres, more or less
Rio Arriba County, New Mexico

RECAPITULATION

TRACT NUMBERS	NUMBER OF ACRES COMMITTED	% INTEREST IN COMMUNITIZED AREA
1	2,461.69	26.649454%
2	2,565.24	27.770452%
3	2,530.37	27.392961%
4	160.00	1.732108%
5	80.00	0.866054%
6	480.00	5.196324%
7	80.00	0.866054%
8	480.00	5.196324%
9	320.00	3.464216%
10	80.00	0.866054%
TOTAL	9,237.30	100.000000%

