

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

**APPLICATION OF COG OPERATING, LLC,
FOR APPROVAL OF SURFACE LEASE
COMMINGLING, EDDY COUNTY, NEW MEXICO.**

CASE NO. 15203

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APPLICATION

COG OPERATING LLC, ("COG") through its undersigned attorneys, hereby makes application to the Oil Conservation Division to approve surface lease commingling of production from the Yeso formation, Penasco Draw; SA-Yeso Pool (Pool Code 50270), and in support of its application states:

1. COG Operating, LLC (OGRID No. 229137) is the operator of the following wells:

- (a) Falabella 31 Fee #3H (30-015-41265)
- (b) Falabella 31 Fee #4H (30-015-39513)
- (c) Falabella 31 Fee #7H (30-015-39514)
- (d) Falabella 31 Fee #8H (30-015-39515)

All of these wells are located on fee lands in Section 31, Township 18 South, Range 26 East, N.M.P.M., Eddy County, New Mexico.

2. The leases from which COG seeks to commingle production from its Falabella wells are of diverse ownership and are identified on Exhibit A.

3. COG has placed the central tank battery and measurement facilities for the above mentioned wells on the Falabella 31 Fee #8H well site, located on Unit P, Section 31, Township 18 South, Range 26 East.

4. COG will meter and allocate production to the various leases based upon a continuously metered test separator. The test separator is a 3-phase horizontal separator that will measure oil, water and gas.

5. By administrative application dated April 28, 2014, COG sought Division approval for lease commingling at a central tank battery.

6. COG provided notice to all interest owners of its intent to surface commingle production from the leases and that said production would be stored and measured on the Falabella 31 Fee #8H well site.

7. After providing notice, Michael Carter and Sandra Baker filed objections with the Division to the proposed lease commingling. COG has contacted the objecting parties, but has been unable to resolve their concerns.

8. Approval of this application will result in efficient production, storage, and measurement operations for the subject wells, lessen the impact on the surface estate, and is otherwise in the best interest of conservation, the prevention of waste, and the protection of correlative rights.

WHEREFORE, COG Operating LLC requests that this application be set for hearing before an Examiner of the Oil Conservation Division on September 18, 2014, and, after notice and hearing as required by law, the Division approve this application.

Respectfully submitted,

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ATTORNEYS FOR COG OPERATING LLC

CASE 15243 Application Of COG Operating, LLC, For Approval Of Surface Lease
Commingling, Eddy County, New Mexico. Applicant seeks authority to surface commingle production from the Yeso formation, Penasco Draw; SA-Yeso Pool produced from the **Falabella 31 Fee #3H**, the **Falabella 31 Fee #4H**, the **Falabella 31 Fee #7H** and the **Falabella 31 Fee #8H** wells located on Fee Leases in Section 31, Township 18 South, Range 26 East. Applicant proposes to measure production by a continuously metered test separator and store said production in a central tank battery at the Falabella 31 Fee #8H well site, located on Unit P, Section 31, Township 18 South, Range 26 East. These wells are located approximately 2 miles southwest of Dayton, New Mexico.

EXHIBIT A

TRACT 1

Lease No. 1 – Willie H. Sallee and Donna A. Sallee

Lessor(s): Willie H. Sallee and wife, Donna A. Sallee
Current Lessor(s): Willie H. Sallee and Donna A. Sallee, husband and wife, as joint tenants – 100%
Original Lessee(s): Hilliard Energy, Inc.
Current Lessee(s): Yates Petroleum – 52.50%
Oxy Y-1 Company – 7.50%
Myco Industries, Inc. – 7.50%
Abo Petroleum Corporation – 7.50%
Oxy USA Inc. – 25.00%
Lease Date: May 7, 2001
Lease Recording Data: June 21, 2001, Book 419, Page 996, Eddy County, New Mexico
Lease Form: Producers 88-Producer's Revised 2000 New Mexico Form 700, Paid-up
Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The SE¼NE¼
Gross Acres: 40.00 acres

TRACTS 2A AND 2B

Lease No. 2 – Paul B. Humphreys

Original Lessor(s): Paul B. Humphreys, dealing in his sole and separate property
Current Lessor(s): Thomas D. Humphreys – 25.0%
Sally H. Contant, Trustee of the Sally H. Contant Trust established October 13, 1983 – 75.0%
Original Lessee(s): Ameristate Exploration, L.L.C.
Current Lessee(s): Yates Petroleum Corporation – 70%
Oxy Y-1 Company – 10%
Myco Industries, Inc. – 10%
Abo Petroleum Corporation – 10%
Lease Date: April 18, 2000
Lease Recording Data: June 5, 2000, Book 383, Page 931, Eddy County, New Mexico
Lease Form: Producer's 88-Paid-up
Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 29: The E½SE¼
Section 31: The N½N½
Gross Acres: 240.00 acres

TRACTS 2A AND 2B

Lease No. 3 – Sally H. Contant, Trustee of the Sally H. Contant Trust

Original Lessor(s): Sally H. Contant, Trustees of the Sally H. Contant Trust, dated October 13, 1983
Current Lessor(s): Sally H. Contant, Trustee of the Sally H. Contant Trust established October 13, 1983 – 75.0%
Original Lessee(s): Ameristate Exploration, L.L.C.
Current Lessee(s): Yates Petroleum Corporation – 70%
Oxy Y-1 Company – 10%
Myco Industries, Inc. – 10%
Abo Petroleum Corporation – 10%
Lease Date: April 18, 2000
Lease Recording Data: June 9, 2000, Book 384, Page 303, Eddy County, New Mexico
Lease Form: Producer's 88 Rev. (5 Year Lease) 10-57, Paid-up
Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 29: The E $\frac{1}{2}$ SE $\frac{1}{4}$
Section 31: The N $\frac{1}{2}$ N $\frac{1}{2}$

TRACTS 3A AND 3B

Lease No. 4 – C.F. Wynn a/k/a Claude F. Wynn

Original Lessor(s): C.F. Wynn a/k/a Claude F. Wynn, dealing in his sole and separate property
Current Lessor(s): C.F. Wynn a/k/a Claude F. Wynn, dealing in his sole and separate property – 11.10%
Original Lessee(s): Yates Petroleum Corporation – 70%
Yates Drilling Company – 10%
Abo Petroleum Corporation – 10%
Myco Industries, Inc. – 10%
Current Lessee(s): Yates Petroleum Corporation – 70%
Oxy Y-1 Company – 10%
Abo Petroleum Corporation – 10%
Myco Industries, Inc. – 10%
Lease Date: August 5, 2002
Lease Recording Data: August 22, 2002, Book 468, Page 666, Eddy County, New Mexico
Lease Form: Producer's 88 Rev. (2 Year Lease) 5-96, YPC Revised Form
Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The S $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$

TRACTS 3A AND 3B

Lease No. 5 – A.M. Routh (aka Albert M. Routh)

Original Lessor(s): A.M. Routh (aka Albert M. Routh), a married man dealing in his sole and separate property

Current Lessor(s): A.M. Routh – 25.00%

Original Lessee(s): Yates Petroleum Corporation – 70%
Yates Drilling Company – 10%
Abo Petroleum Corporation – 10%
Myco Industries, Inc. – 10%

Current Lessee(s): Yates Petroleum Corporation – 70%
Oxy Y-1 Company – 10%
Abo Petroleum Corporation – 10%
Myco Industries, Inc. – 10%

Lease Date: August 30, 2002

Lease Recording Data: September 9, 2002, Book 470, Page 598, Eddy County, New Mexico

Lease Form: Producer's 88 Rev. (1 Year Lease) 5-96, YPC Revised Form

Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The S $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$

Gross Acres: 160.00 acres

TRACTS 3A AND 3B

Lease No. 6 – Don L. Bradshaw

Original Lessor(s): Don L. Bradshaw, a single man dealing in his sole and separate property

Current Lessor(s): Don L. Bradshaw – 15.142857%

Original Lessee(s): Yates Petroleum Corporation – 70%
Yates Drilling Company – 10%
Abo Petroleum Corporation – 10%
Myco Industries, Inc. – 10%

Current Lessee(s): Yates Petroleum Corporation – 70%
Oxy Y-1 Company – 10%
Abo Petroleum Corporation – 10%
Myco Industries, Inc. – 10%

Lease Date: August 30, 2002

Lease Recording Data: September 9, 2002, Book 470, Page 596, Eddy County, New Mexico

Lease Form: Producer's 88 Rev. (1 Year Lease) 5-96, YPC Revised Form

Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The S $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$

Gross Acres: 160.00 acres

TRACTS 3A AND 3B

Lease No. 7 – WFW Family LTD Partnership

Original Lessor(s):	WFW Family LTD Partnership
Current Lessor(s):	WFW Family LTD Partnership – 9.444444%
Original Lessee(s):	Yates Petroleum Corporation – 70%
	Oxy Y-1 Company – 10%
	Abo Petroleum Corporation – 10%
	Myco Industries, Inc. – 10%
Current Lessee(s):	Yates Petroleum Corporation – 70%
	Oxy Y-1 Company – 10%
	Abo Petroleum Corporation – 10%
	Myco Industries, Inc. – 10%
Lease Date:	September 12, 2002
Lease Recording Data:	September 19, 2002, Book 472, Page 287, Eddy County, New Mexico
Lease Form:	Producer's 88 Rev. (2 Year Lease) 5-96, YPC Revised Form
Land Description:	<u>Township 18 South, Range 26 East, N.M.P.M.</u> Section 31: The S $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$
Gross Acres:	160.00 acres

TRACTS 3A AND 3B

Lease No. 8 – Jane B. Ramsland, individually and as Trustee of the Russell J. Ramsland Family Trust, as Executor of the Estate of Russell J. Ramsland, Sr. (aka R.J. Ramsland) and as attorney in fact for Claudia R. Burch (aka Claudia J. Ramsland and C.R. Burch), Elizabeth R. Robinson (f/k/a Elizabeth Ann Ramsland), Russell J. Ramsland, Jr. (aka R.J. Ramsland, Jr.), Julie Ellen Barnes, V. Elaine Barnes, Christy B. Mallams, Steven C. Barnes, Laurie Barnes Barr (aka Laurie B. Barr), Viola S. Barnes (aka Olie S. Barnes), W. Forrest Wynn (aka Sleepy Wynn) and Shirley Ann Wynn (aka Shirley Barnes Wynn)

Original Lessor(s):	Jane B. Ramsland, individually and as Trustee of the Russell J. Ramsland Family Trust, as Executor of the Estate of Russell J. Ramsland, Sr. (aka R.J. Ramsland) and as attorney in fact for Claudia R. Burch (aka Claudia J. Ramsland and C.R. Burch), Elizabeth R. Robinson (f/k/a Elizabeth Ann Ramsland), Russell J. Ramsland, Jr. (aka R.J. Ramsland, Jr.), Julie Ellen Barnes, V. Elaine Barnes, Christy B. Mallams, Steven C. Barnes, Laurie Barnes Barr (aka Laurie B. Barr), Viola S. Barnes (aka Olie S. Barnes), W. Forrest Wynn (aka Sleepy Wynn) and Shirley Ann Wynn (aka Shirley Barnes Wynn)
Current Lessor(s):	Claudia Jane Ramsland – 6.10% Elizabeth Ann Ramsland – 4.444445% Julie Ellen Barnes – 1.211111% Jane B. Ramsland Oil as Pres. Of Compuco – 0.50% Jane B. Ramsland Oil & Gas Partnership Ltd. – 3.60% Bahnhof Holdings LP – 1.10% V. Elaine Murphy aka V. Elaine Barnes – 1.20% Christine Ray aka Christine Barnes Mallams – 1.20% Laurie M. Reid aka Laurie Barnes Barr – 1.82% Steve C. Barnes – 1.20% Sleepy Wynn aka Forrest Wynn – 0.50% Shirley Ann Wynn aka Shirley Barnes Wynn – 3.60% Craig W. Barr – 0.025% Zachariah J. Reid – 0.025% Taylor L. Barr – 0.025% Thomas R. Barr – 0.025% The Barnes Family Partnership – 2.88%
Original Lessee(s):	Yates Petroleum Corporation – 70% Oxy Y-1 Company – 10% Abo Petroleum Corporation – 10% Myco Industries, Inc. – 10%
Current Lessee(s):	Yates Petroleum Corporation – 70% Oxy Y-1 Company – 10% Abo Petroleum Corporation – 10% Myco Industries, Inc. – 10%
Lease Date:	August 21, 2002
Lease Recording Data:	September 9, 2002, Book 470, Page 600, Eddy County, New Mexico
Lease Form:	Producer's 88 Rev. (2 Year Lease) 5-96, YPC Revised Form
Land Description:	<u>Township 18 South, Range 26 East, N.M.P.M.</u> Section 31: The S½NW¼, SW¼NE¼, NW¼SE¼
Gross Acres:	160.00 acres

TRACTS 3A AND 3B

Lease No. 9 – Jack B. Wilkinson

Original Lessor(s):	Jack B. Wilkinson, a married man dealing in his sole and separate property
Current Lessor(s):	Jack B. Wilkinson – 9.857143%
Original Lessee(s):	Yates Petroleum Corporation – 70%
	Oxy Y-1 Company – 10%
	Abo Petroleum Corporation – 10%
	Myco Industries, Inc. – 10%
Current Lessee(s):	Yates Petroleum Corporation – 70%
	Oxy Y-1 Company – 10%
	Abo Petroleum Corporation – 10%
	Myco Industries, Inc. – 10%
Lease Date:	September 4, 2002
Lease Recording Data:	September 12, 2002, Book 471, Page 235, Eddy County, New Mexico
Lease Form:	Producer's 88 Rev. (1 Year Lease) 5-96, YPC Revised Form
Land Description:	<u>Township 18 South, Range 26 East, N.M.P.M.</u> Section 31: The S½NW¼, SW¼NE¼, NW¼SE¼
Gross Acres:	160.00 acres

TRACT 4

Lease No. 10 – Margaret W. Childress, a widow, Floyd Childress II, Elizabeth Ann Baer, and Jim Childress, The First National Bank of Roswell, and T.T. Sanders, Jr., as Trustee under the Last Will and Testament of Floyd Childress, deceased

Original Lessor(s):	Margaret W. Childress, a widow, Floyd Childress II, Elizabeth Ann Baer, and Jim Childress, each dealing in sole and separate property, The First National Bank of Roswell, and T.T. Sanders, Jr., as Trustee under the Last Will and Testament of Floyd Childress, deceased
Current Lessor(s):	Shirley Childress – 2.083333% James W. Childress – 2.083333% Richard H. Landsheft – 0.694444% Lynn E. Desper – 0.694444% William Brian Landsheft – 0.694444%
Original Lessee(s):	Mark D. Wilson
Current Lessee(s):	Mark Wilson Family Partnership – 28.96175% Oxy Y-1 Company – 6.138464% Santa Legado LLLP – 3.069217% Marigold LLLP – 3.069217% Tulipan LLC – 3.069217% John A. Yates – 11.562921% John A Yates, as Trustee of Trust Q – 11.562921% Los Chicos – 5.115356% Loco 79, Ltd. – 1.633990% Boling Enterprises, LTD. – 0.816949% Rio Pecos Corporation – 25%
Lease Date:	March 17, 1978
Lease Recording Data:	May 9, 1978, Book 157, Page 870, Eddy County, New Mexico
Lease Form:	Producer's 88 Rev. (5 Year Lease) 10-57, Paid-up
Land Description:	<u>Township 18 South, Range 25 East, N.M.P.M.</u> Section 23: The NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 34: The E $\frac{1}{2}$ NE $\frac{1}{4}$ <u>Township 18 South, Range 26 East, N.M.P.M.</u> Section 31: The SE $\frac{1}{4}$ SE $\frac{1}{4}$ <u>Township 19 South, Range 25 East, N.M.P.M.</u> Section 2: The NE $\frac{1}{4}$ SE $\frac{1}{4}$
Gross Acres:	200.00 acres

TRACT 4

Lease No. 11 – Mrs. Margaret M. Norton

Original Lessor(s): Mrs. Margaret M. Norton, dealing in her sole and separate property – 0.3125%
Current Lessor(s): Lonesome Oil, LLC
Lessee(s): Yates Petroleum Corporation
Current Lessee(s): Yates Petroleum Corporation – 100%
Lease Date: June 19, 1980
Lease Recording Data: September 23, 1980, Book 189, Page 165, Eddy County, New Mexico
Lease Form: Producer's 88 Rev. (5 Year Lease) 10-57, Paid-up
Land Description: **Township 18 South, Range 25 East, N.M.P.M.**
Section 34: The E $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{4}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$
Section 35: The SW $\frac{1}{4}$ SW $\frac{1}{4}$
Township 18 South, Range 26 East, N.M.P.M.
Section 31: The SE $\frac{1}{4}$ SE $\frac{1}{4}$
Township 19 South, Range 25 East, N.M.P.M.
Section 3: The S $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NE $\frac{1}{4}$

Gross Acres: Not disclosed

TRACT 4

Lease No. 12 – Owen Marshall

Original Lessor(s): Owen Marshall, dealing in his sole and separate property – 0.104167%
Current Lessor(s): Lonesome Oil, LLC
Original Lessee(s): Yates Petroleum Corporation
Current Lessee(s): Yates Petroleum Corporation – 100%
Lease Date: September 12, 1980
Lease Recording Data: December 3, 1980, Book 192, Page 4, Eddy County, New Mexico
Lease Form: Producer's 88 Rev. (5 Year Lease) 10-57, Paid-up
Land Description: **Township 15 South, Range 26 East, N.M.P.M.**
Section 34: The S $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$
Township 18 South, Range 25 East, N.M.P.M.
Section 34: The E $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{4}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$
Section 35: The SW $\frac{1}{4}$ SW $\frac{1}{4}$
Township 18 South, Range 26 East, N.M.P.M.
Section 31: The SE $\frac{1}{4}$ SE $\frac{1}{4}$
Township 19 South, Range 25 East, N.M.P.M.
Section 3: The S $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NE $\frac{1}{4}$

Gross Acres: Not disclosed

TRACT 4

Lease No. 13 – J. Laird Marshall

Original Lessor(s): J. Laird Marshall, dealing in his sole and separate property – 0.104167%
Current Lessor(s): Lonesome Oil, LLC
Original Lessee(s): Yates Petroleum Corporation
Current Lessee(s): Yates Petroleum Corporation – 100%
Lease Date: June 19, 1980
Lease Recording Data: January 26, 1981, Book 193, Page 954, Eddy County, New Mexico
Lease Form: Producer's 88 Rev. (5 Year Lease) 10-57, Paid-up
Land Description: **Township 15 South, Range 26 East, N.M.P.M.**
Section 34: The S $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$
Township 18 South, Range 25 East, N.M.P.M.
Section 34: The E $\frac{1}{2}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$
Section 35: The SW $\frac{1}{4}$ SW $\frac{1}{4}$
Township 18 South, Range 26 East, N.M.P.M.
Section 31: The SE $\frac{1}{4}$ SE $\frac{1}{4}$
Township 19 South, Range 24 East, N.M.P.M.
Section 12: The E $\frac{1}{2}$ SE $\frac{1}{4}$
Section 14: NW $\frac{1}{4}$
Township 19 South, Range 25 East, N.M.P.M.
Section 2: N $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$
Section 3: The S $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NE $\frac{1}{4}$

Gross Acres: Not disclosed

TRACT 4

Lease No. 14 – Estate of E.E. MacGibbon

Original Lessor(s): Estate of E.E. MacGibbon – 0.3125%
Current Lessor(s): Lonesome Oil, LLC
Original Lessee(s): Yates Petroleum Corporation
Current Lessee(s): Yates Petroleum Corporation – 100%
Lease Date: June 19, 1980
Lease Recording Data: April 21, 1981, Book 198, Page 405, Eddy County, New Mexico
Lease Form: Producer's 88 Rev. (5 Year Lease) 10-57, Paid-up
Land Description: **Township 15 South, Range 26 East, N.M.P.M.**
Section 34: The S $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$.
Township 18 South, Range 25 East, N.M.P.M.
Section 34: The E $\frac{1}{2}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$.
Section 35: The SW $\frac{1}{4}$ SW $\frac{1}{4}$.
Township 18 South, Range 26 East, N.M.P.M.
Section 31: The SE $\frac{1}{4}$ SE $\frac{1}{4}$.
Township 19 South, Range 24 East, N.M.P.M.
Section 12: The E $\frac{1}{2}$ SE $\frac{1}{4}$.
Section 14: The NW $\frac{1}{4}$.
Township 19 South, Range 25 East, N.M.P.M.
Section 2: The N $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$.
Section 3: The S $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NE $\frac{1}{4}$

Gross Acres: Not disclosed

TRACTS 4, 13 AND 16

Lease No. 15 – Patty Schafer

Original Lessor(s): Patty Schafer, dealing in her sole and separate property
Current Lessor(s): Tract 4:
Patty Schafer – 3.125%
Tract 13:
Patty Schafer – 50%
Tract 16:
Patty Schafer – 50%
Original Lessee(s): DMD LLC
Current Lessee(s): Yates Petroleum Corporation – 40%
COG Operating LLC – 60%
Lease Date: October 7, 2010
Lease Recording Data: October 12, 2010, Book 829, Page 916, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The S $\frac{1}{2}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$, E $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ and SE $\frac{1}{4}$ SE $\frac{1}{4}$.
Township 19 South, Range 25 East, N.M.P.M.
Section 1: The W $\frac{1}{2}$ SW $\frac{1}{4}$ and Lot 1.
Gross Acres: 170.00 acres

TRACTS 4, 13 AND 16

Lease No. 16 – Ralph Schafer

Original Lessor(s): Ralph Schafer, dealing in his sole and separate property
Current Lessor(s): Tract 4:
Ralph Schafer – 3.125%
Tract 13:
Ralph Schafer – 50.0%
Tract 16:
Ralph Schafer – 50.0%
Original Lessee(s): DMD LLC
Current Lessee(s): Yates Petroleum Corporation – 40%
COG Operating LLC – 60%
Lease Date: October 5, 2010
Lease Recording Data: October 18, 2010, Book 830, Page 611, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The S $\frac{1}{2}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$, E $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ and SE $\frac{1}{4}$ SE $\frac{1}{4}$.
Township 19 South, Range 25 East, N.M.P.M.
Section 1: The W $\frac{1}{2}$ SW $\frac{1}{4}$ and Lot 1.
Gross Acres: 170.00 acres

EXPIRED

TRACT 4

Lease No. 17 – Alfred Foy Curry, IV, Gayle Glass Roche, Alison Claire Saunders, Robert Glass Langford, Lou Ann Langford DeLisser, Gayle Elizabeth Langford Turner and Jefferson Milner Langford

Original Lessor(s): Alfred Foy Curry, IV, Gayle Glass Roche, Alison Claire Saunders, Robert Glass Langford, Lou Ann Langford DeLisser, Gayle Elizabeth Langford Turner and Jefferson Milner Langford

Current Lessor(s): **EXPIRED**

Original Lessee(s): Cimarex Energy Co.

Current Lessee(s): **EXPIRED**

Lease Date: April 25, 2011

Lease Recording Data: June 20, 2011, Book 857, Page 262, Eddy County, New Mexico

Lease Form: None

Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The SE $\frac{1}{4}$ SE $\frac{1}{4}$.
Township 19 South, Range 25 East, N.M.P.M.
Section 1: W $\frac{1}{2}$ SW $\frac{1}{4}$ and Lot 1.
Section 12: Tracts 437, 445, 446, 448, 449, 459, 460, 462, 463, 464, 465, 466, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 483, 484 and 489.

Gross Acres: 304.95 acres

TRACT 4

Lease No. 18 – Thelma May Schafer

Original Lessor(s): Thelma May Schafer

Current Lessor(s): Thelma May Schafer – 3.4375%

Original Lessee(s): COG Operating LLC

Current Lessee(s): Yates Petroleum Corporation – 40%
COG Operating LLC – 60%

Lease Date: April 27, 2011

Lease Recording Data: June 15, 2011, Book 856, Page 965, Eddy County, New Mexico

Lease Form: None

Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The SE $\frac{1}{4}$ SE $\frac{1}{4}$.
Township 19 South, Range 25 East, N.M.P.M.
Section 1: The NE $\frac{1}{4}$ NE $\frac{1}{4}$ and W $\frac{1}{2}$ SW $\frac{1}{4}$.

*Only covers the depths from the surface down to 6,000' below the surface.

Gross Acres: 160.00

TRACT 4

Lease No. 19 – James R. Swope

Original Lessor(s): James R. Swope
Current Lessor(s): James R. Swope – 1.71875%
Original Lessee(s): COG Operating LLC
Current Lessee(s): Yates Petroleum Corporation – 40%
COG Operating LLC – 60%
Lease Date: April 27, 2011
Lease Recording Data: June 15, 2011, Book 856, Page 968, Eddy County, New Mexico
Lease Form: None
Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The SE¼SE¼.
Township 19 South, Range 25 East, N.M.P.M.
Section 1: The NE¼NE¼ and W¼SW¼.

*Only covers the depths from the surface down to 6,000' below the surface.

Gross Acres: 160.00

TRACT 4

Lease No. 20 – Cauhape Properties Partnership

Original Lessor(s): Cauhape Properties Partnership, a general partnership
Current Lessor(s): Cauhape Properties Partnership – 3.4375%
Original Lessee(s): COG Operating LLC
Current Lessee(s): Yates Petroleum Corporation – 40%
COG Operating LLC – 60%
Lease Date: April 27, 2011
Lease Recording Data: July 11, 2011, Book 859, Page 629, Eddy County, New Mexico
Lease Form: None
Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The SE¼SE¼.
Township 19 South, Range 25 East, N.M.P.M.
Section 1: The NE¼NE¼ and W¼SW¼.

*Only covers the depths from the surface down to 6,000' below the surface.

Gross Acres: 160.00

TRACT 4

Lease No. 21 – Nancy Kincaid

Original Lessor(s): Nancy Kincaid
Current Lessor(s): Nancy L. Kincaid – 3.4375%
Original Lessee(s): COG Operating LLC
Current Lessee(s): Yates Petroleum Corporation – 40%
COG Operating LLC – 60%
Lease Date: April 27, 2011
Lease Recording Data: July 11, 2011, Book 859, Page 635, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The SE $\frac{1}{4}$ SE $\frac{1}{4}$.
Township 19 South, Range 25 East, N.M.P.M.
Section 1: The NE $\frac{1}{4}$ NE $\frac{1}{4}$ and W $\frac{1}{2}$ SW $\frac{1}{4}$.

*Only covers the depths from the surface down to 6,000' below the surface.
Gross Acres: 160.00

TRACT 4

Lease No. 22 – Claribel Y. Marshall, Trustee under the Claribel Y. Marshall Trust Agreement

Original Lessor(s): Claribel Y. Marshall, Trustee under the Claribel Y. Marshall Trust Agreement dated February 12, 1999
Current Lessor(s): Hope Royalties LLC – 1.041667%
Rolla R. Hinkle, III – 1.041667%
Madison M. Hinkle – 1.041667%
Original Lessee(s): Cimarex Energy Co.
Current Lessee(s): COG Operating LLC – 100%
Lease Date: April 22, 2011
Lease Recording Data: May 16, 2011, Book 853, Page 570, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The SE $\frac{1}{4}$ SE $\frac{1}{4}$.
Township 19 South, Range 25 East, N.M.P.M.
Section 1: W $\frac{1}{2}$ SW $\frac{1}{4}$ and Lot 1.
Section 12: Tracts 437, 445, 446, 448, 449, 459, 460, 462, 463, 464, 465, 466, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 483, 484 and 489.
Gross Acres: 304.95 acres

TRACT 4

Lease No. 23 – Kristin Hinkle Coomes

Original Lessor(s): Kristin Hinkle Coomes
Current Lessor(s): Kirstin Hinkle – 0.195313%
Original Lessee(s): Cimarex Energy Co.
Current Lessee(s): COG Operating LLC – 100%
Lease Date: April 20, 2011
Lease Recording Data: May 24, 2011, Book 854, Page 963, Eddy County, New Mexico
Lease Form: None
Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The SE $\frac{1}{4}$ SE $\frac{1}{4}$.
Township 19 South, Range 25 East, N.M.P.M.
Section 1: W $\frac{1}{2}$ SW $\frac{1}{4}$ and Lot 1.
Section 12: Tracts 437, 445, 446, 448, 449, 459, 460, 462, 463, 464, 465,
466, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479,
480, 481, 483, 484 and 489.

Gross Acres: 304.95 acres

TRACT 4

Lease No. 24 – Jenna Hinkle Sartori

Original Lessor(s): Jenna Hinkle Sartori
Current Lessor(s): Jenna Hinkle Sartori – 0.195313%
Original Lessee(s): Cimarex Energy Co.
Current Lessee(s): COG Operating LLC – 100%
Lease Date: April 20, 2011
Lease Recording Data: May 24, 2011, Book 854, Page 1012, Eddy County, New Mexico
Lease Form: None
Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The SE $\frac{1}{4}$ SE $\frac{1}{4}$.
Township 19 South, Range 25 East, N.M.P.M.
Section 1: W $\frac{1}{2}$ SW $\frac{1}{4}$ and Lot 1.
Section 12: Tracts 437, 445, 446, 448, 449, 459, 460, 462, 463, 464, 465,
466, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479,
480, 481, 483, 484 and 489.

Gross Acres: 304.95 acres

TRACT 4

Lease No. 25 – Wells Fargo Bank, N.A., Trustee of the H.C. Rand Trust

Lessor(s): Wells Fargo Bank, N.A., Trustee of the H.C. Rand Trust
Current Lessor(s): First Union National Bank, as Trustee of the Helen Chase Rand Trust – 0.3125%
Original Lessee(s): Cimarex Energy Co.
Current Lessee(s): COG Operating LLC – 100%
Lease Date: September 26, 2011
Lease Recording Data: Memorandum of Oil and Gas Lease recorded January 17, 2012, Book 879, Page 407, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The SE $\frac{1}{4}$ SE $\frac{1}{4}$.
Township 19 South, Range 25 East, N.M.P.M.
Section 1: The NE $\frac{1}{4}$ NE $\frac{1}{4}$ and W $\frac{1}{4}$ SW $\frac{1}{4}$

Gross Acres: 159.95 acres

TRACT 4

Lease No. 26 – Lawrence Hinkle, Mark Hinkle and Laurie Lehman, as Co-Executors of the Estate of James Lisle Hinkle

Original Lessor(s): Lawrence Hinkle, Mark Hinkle and Laurie Lehman, as Co-Executors of the Estate of James Lisle Hinkle
Current Lessor(s): Heirs or devisees of James Lisle Hinkle – 0.78125%
Original Lessee(s): Cimarex Energy Co.
Current Lessee(s): COG Operating LLC – 100%
Lease Date: May 5, 2011
Lease Recording Data: November 1, 2011, Book 871, Page 1104, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The SE $\frac{1}{4}$ SE $\frac{1}{4}$.
Township 19 South, Range 25 East, N.M.P.M.
Section 1: W $\frac{1}{4}$ SW $\frac{1}{4}$ and Lot 1.
Section 12: Tracts 437, 445, 446, 448, 449, 459, 460, 462, 463, 464, 465, 466, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 483, 484 and 489.

Gross Acres: 304.95 acres

TRACT 4

Lease No. 27 – Margaret S. Raburn and Randall K. Raburn, as Co-Trustees of the Margaret S. Raburn Trust

Original Lessor(s): Margaret S. Raburn and Randall K. Raburn, as Co-Trustees of the Margaret S. Raburn Trust, under Trust Agreement dated November 19, 2004

Current Lessor(s): Margaret S. Raburn and Randall K. Raburn, Trustees of the Margaret S. Raburn Trust, under Trust Agreement dated November 19, 2004 – 1.71875%

Original Lessee(s): COG Operating LLC

Current Lessee(s): COG Operating LLC – 60%

Yates Petroleum Corporation – 40%

Lease Date: May 26, 2011

Lease Recording Data: November 29, 2011, Book 874, Page 1209, Eddy County, New Mexico

Lease Form: None

Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The SE $\frac{1}{4}$ SE $\frac{1}{4}$.

Township 19 South, Range 25 East, N.M.P.M.
Section 1: The NE $\frac{1}{4}$ NE $\frac{1}{4}$ and W $\frac{1}{2}$ SW $\frac{1}{4}$.

*Only covers the depths from the surface down to 6,000' below the surface.

Gross Acres: 160.00 acres

TRACT 14

Lease No. 28 – Carol Jane Guthary

Original Lessor(s): Carol Jane Guthary, a married person dealing in her sole and separate property

Current Lessor(s): Carol Jane Guthary – 1.111111%

Original Lessee(s): COG Operating LLC

Current Lessee(s): COG Operating LLC – 60%

Yates Petroleum Corporation – 40%

Lease Date: September 15, 2011

Lease Recording Data: November 4, 2011, Book 872, Page 293, Eddy County, New Mexico

Lease Form: None

Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$.

Township 19 South, Range 25 East, N.M.P.M.
Section 1: Lot 2 (39.85).

Gross Acres: 49.85 acres

TRACT 14

Lease No. 29 – Judith McLoughlin

Original Lessor(s): Judith McLoughlin, a widow
Current Lessor(s): Judith Wilene McLoughlin – 1.111111%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
Lease Date: September 23, 2011
Lease Recording Data: November 17, 2011, Book 873, Page 796, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$.
Township 19 South, Range 25 East, N.M.P.M.
Section 1: Lot 2 (39.85).
Gross Acres: 49.85 acres

TRACT 14

Lease No. 30 – James V. Carter

Original Lessor(s): James V. Carter, a married man dealing in his sole and separate property
Current Lessor(s): James V. Carter – 0.476191%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
Lease Date: May 24, 2012
Lease Recording Data: June 8, 2012, Book 894, Page 633, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$.
Township 19 South, Range 25 East, N.M.P.M.
Section 1: The NW $\frac{1}{4}$ NW $\frac{1}{4}$ (Lot 2).
Gross Acres: 49.85 acres

TRACT 14

Lease No. 31 – Michael D. Carter

Original Lessor(s): Michael D. Carter, a married man dealing in his sole and separate property
Current Lessor(s): Michael D. Carter – 0.476190%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
Lease Date: May 24, 2012
Lease Recording Data: June 12, 2012, Book 894, Page 1229, Eddy County, New Mexico
Lease Form: None
Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$.
Township 19 South, Range 25 East, N.M.P.M.
Section 1: The NW $\frac{1}{4}$ NW $\frac{1}{4}$ (Lot 2).
Gross Acres: 49.85 acres

TRACT 14

Lease No. 32 – Nancy J. Grove

Original Lessor(s): Nancy J. Grove, a married woman dealing in her sole and separate property
Current Lessor(s): Nancy J. Grove – 0.476191%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
Lease Date: May 31, 2012
Lease Recording Data: June 18, 2012, Book 895, Page 619, Eddy County, New Mexico
Lease Form: None
Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$.
Township 19 South, Range 25 East, N.M.P.M.
Section 1: The NW $\frac{1}{4}$ NW $\frac{1}{4}$ (Lot 2).
Gross Acres: 49.85 acres

TRACTS 14

Lease No. 33 – Karolyn K. Carter

Original Lessor(s): Karolyn K. Carter, a single woman dealing in her sole and separate property
Current Lessor(s): Karolyn K. Carter – 0.476190%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
Lease Date: May 31, 2012
Lease Recording Data: July 10, 2012, Book 897, Page 772, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$.
Township 19 South, Range 25 East, N.M.P.M.
Section 1: The NW $\frac{1}{4}$ NW $\frac{1}{4}$ (Lot 2).
Gross Acres: 49.85 acres

TRACT 14

Lease No. 34 – Sandra S. Baker

Lessor(s): Sandra S. Baker, a married woman dealing in her sole and separate property
Current Lessor(s): Sandra S. Baker – 0.476191%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
Lease Date: May 31, 2012
Lease Recording Data: July 24, 2012, Book 899, Page 36, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$.
Township 19 South, Range 25 East, N.M.P.M.
Section 1: The NW $\frac{1}{4}$ NW $\frac{1}{4}$ (Lot 2).
Gross Acres: 49.85 acres

TRACT 12

Lease No. 35 – Barbara Ann Quail Malone

Original Lessor(s): Barbara Ann Quail Malone, a married woman dealing in her sole and separate property

Current Lessor(s): Barbara Ann Quail Malone – 10.0%

Original Lessee(s): Yates Petroleum Corporation – 70%
Yates Drilling Company – 10%
Abo Petroleum Corporation – 10%
Myco Industries, Inc. – 10%

Current Lessee(s): Yates Petroleum Corporation – 70%
Oxy Y-1 Company – 10%
Abo Petroleum Corporation – 10%
Myco Industries, Inc. – 10%

Lease Date: September 30, 2009 but effective March 23, 2010

Lease Recording Data: October 15, 2009, Book 793, Page 785, Eddy County, New Mexico

Lease Form: Producer's 88 Rev. (5 Year Lease) 10-57, Paid-up

Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The N $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ and
W $\frac{1}{2}$ W $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.

Gross Acres: Not disclosed

TRACT 14

Lease No. 36 – Kathy Holt

Lessor(s): Kathy Holt

Original Lessee(s): COG Operating LLC

Lease Date: December 10, 2013

Lease Recording Data: Unknown

Lease Form: None

Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$

Gross Acres: 10.00 acres

TRACTS 7, 8 AND 14

Lease No. 37 – Thomas O. Montgomery and Harriett W. Montgomery, Trustees of the Thomas O. Montgomery and Harriett W. Montgomery Revocable Trust

Original Lessor(s): Thomas O. Montgomery and Harriett W. Montgomery, Trustees of the Thomas O. Montgomery and Harriett W. Montgomery Revocable Trust

Current Lessor(s): Tract 7:
Thomas Oliver and Harriett W. Montgomery Trust – 37.5%
Tract 8:
Thomas Oliver and Harriett W. Montgomery Trust – 25.0%
Tract 14:
Thomas Oliver and Harriett W. Montgomery Trust – 25.0%

Original Lessee(s): COG Operating LLC

Current Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
** Assignment of 40% to Yates Petroleum Corporation is not of record yet

Lease Date: August 16, 2013, effective October 12, 2013, Renewal of Oil and Gas Lease dated October 11, 2010

Lease Recording Data: September 3, 2013, Book 949, Page 460, Eddy County, New Mexico; Renewal of Oil and Gas Lease recorded November 15, 2010, Book 833, Page 388, Eddy County, New Mexico

Lease Form: None

Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$, W $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ and E $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.

Gross Acres: 20.00 acres

TRACT 12

Lease No. 38 – Robin K. Nix, successor trustee of the Nix 2002 Trust

Original Lessor(s): Robin K. Nix, successor trustee of the Nix 2002 Trust

Current Lessor(s): Robin K. Nix, successor Trustee of the Nix 2002 Trust – 20.0%

Original Lessee(s): Cimarex Energy Co.

Current Lessee(s): COG Operating LLC – 100%

Lease Date: February 17, 2011

Lease Recording Data: April 12, 2011, Book 850, Page 212, Eddy County, New Mexico

Lease Form: None

Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The N $\frac{1}{2}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ and W $\frac{1}{2}$ W $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.

Gross Acres: 12.5 acres

TRACT 10

Lease No. 39 – Roy G. Barton, III

Original Lessor(s): Roy G. Barton, III
Current Lessor(s): Roy G. Barton, III – 16.666666%
Original Lessee(s): Cimarex Energy Co.
Current Lessee(s): COG Operating LLC – 100%
Lease Date: February 15, 2011
Lease Recording Data: April 22, 2011, Book 851, Page 178, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The E $\frac{1}{2}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.
Section 35: The W $\frac{1}{2}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$.

Gross Acres: 10.00 acres

TRACT 10

Lease No. 40 – Stagner, LLC

Lessor(s): Stagner, LLC
Current Lessor(s): Stagner, LLC – 20.075%
Original Lessee(s): Cimarex Energy Co.
Current Lessee(s): COG Operating LLC – 100%
Lease Date: March 2, 2011
Lease Recording Data: April 22, 2011, Book 851, Page 197, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The E $\frac{1}{2}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.

Gross Acres: 5.0 acres

TRACT 4

Lease No. 41 – R.R. Hinkle Company, Inc.

Original Lessor(s): R.R. Hinkle Company, Inc.
Current Lessor(s): R.R. Hinkle Company, Inc. – 4.6875%
Original Lessee(s): Cimarex Energy Co.
Current Lessee(s): COG Operating LLC – 100%
Lease Date: March 16, 2011
Lease Recording Data: April 22, 2011, Book 851, Page 205, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The SE $\frac{1}{4}$ SE $\frac{1}{4}$

Gross Acres: 40.00 acres

TRACT 4

Lease No. 42 – McQuiddy Communications and Energy, Inc.

Original Lessor(s): McQuiddy Communications and Energy, Inc.
Current Lessor(s): McQuiddy Communications and Energy, Inc. – 4.6875%
Original Lessee(s): Cimarex Energy Co.
Current Lessee(s): COG Operating LLC – 100%
Lease Date: March 24, 2011
Lease Recording Data: April 22, 2011, Book 851, Page 208, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The SE $\frac{1}{4}$ SE $\frac{1}{4}$
Gross Acres: 40.0 acres

TRACT 10

Lease No. 43 – Heidi C. Barton

Original Lessor(s): Heidi C. Barton, dealing in her sole and separate property
Current Lessor(s): Heidi C. Barton – 16.666667%
Original Lessee(s): Cimarex Energy Co.
Current Lessee(s): COG Operating LLC – 100%
Lease Date: February 15, 2011
Lease Recording Data: May 10, 2011, Book 852, Page 1153, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The E $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.
Section 35: The W $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$.
Gross Acres: 10.00 acres

TRACT 10

Lease No. 44 – Trevor Turmelle

Original Lessor(s): Trevor Turmelle
Current Lessor(s): Trevor Turmelle – 8.2125%
Original Lessee(s): Cimarex Energy Co.
Current Lessee(s): COG Operating LLC – 100%
Lease Date: April 8, 2011
Lease Recording Data: May 24, 2011, Book 854, Page 960, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The E $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.
Gross Acres: 5.0 acres

TRACT 4

Lease No. 45 – John T. Hinkle and Linda J. Hinkle, Co-Trustees of the Hinkle Living Trust

Original Lessor(s): John T. Hinkle and Linda J. Hinkle, Co-Trustees of the Hinkle Living Trust, dtd 1/9/1996
Current Lessor(s): John T. Hinkle Living Trust – 2.34375%
Original Lessee(s): Cimarex Energy Co.
Current Lessee(s): COG Operating LLC – 100%
Lease Date: March 31, 2011
Lease Recording Data: June 28, 2011, Book 858, Page 71, Eddy County, New Mexico
Lease Form: None
Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The SE¼SE¼.

Gross Acres: 40.00 acres

TRACT 4

Lease No. 46 – Kenna Carter Scott

Original Lessor(s): Kenna Carter Scott
Current Lessor(s): Kenna Carter Scott – 1.666667%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
Lease Date: December 5, 2013, effective November 27, 2013 (extension of April 27, 2011, lease, which was corrected September 20, 2012)

Lease Recording Data: December 9, 2013, in Book 961, Page 305; (April 27, 2011, Lease was recorded July 26, 2011, Book 861, Page 152, and the Correction of Description and Extension of Oil and Gas Lease was recorded September 26, 2012, Book 907, Page 20)

Lease Form: None
Land Description: **Tract One:**
Township 18 South, Range 26 East, N.M.P.M.
Section 31: SE¼SE¼

Tract Two:
Township 19 South, Range 25 East, N.M.P.M.
Section 12: Fairchild's Farm Tracts 437, 445, 446, 448, 449, 459, 460, 462, 463, 464, 465, 466, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 483, 484 and 489.

Gross Acres: 185.00 acres

EXPIRED TOP LEASE

TRACT 4

Lease No. 47 – Kenna Carter Scott

Original Lessor(s): Kenna Carter Scott
Current Lessor(s): Kenna Carter Scott – 4.66666667%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
Lease Date: April 27, 2011
Lease Recording Data: August 1, 2011, Book 861, Page 896, Eddy County, New Mexico
Lease Form: None
Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The SE $\frac{1}{4}$ SE $\frac{1}{4}$.

*Only covers the depths from the surface down to 6,000' below the surface.
Gross Acres: 40.00 acres

TRACTS 7, 8 AND 14

Lease No. 48 – Karen V. Walker, Trustee of the Karen V. Walker Revocable Trust

Original Lessor(s): Karen V. Walker, Trustee of the Karen V. Walker Revocable Trust
Current Lessor(s): Tract 7:
Karen V. Walker Trust – 37.5%
Tract 8:
Karen V. Walker Trust – 25.0%
Tract 14:
Karen V. Walker Trust – 25.0%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
**Assignment of 40% to Yates Petroleum is not of record yet
Lease Date: August 16, 2013, effective October 12, 2013; Renewal of Oil & Gas Lease dated October 11, 2010
Lease Recording Data: October 15, 2013, Book 954, Page 572, Eddy County, New Mexico; Renewal of Oil and Gas Lease recorded November 15, 2010, Book 833, Page 390, Eddy County, New Mexico
Lease Form: None
Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$, W $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ and E $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.
Gross Acres: 20.00 acres

NOT RECOGNIZED

TRACTS 7 AND 8

Lease No. 49 – Sara Ward Sims

Original Lessor(s): Sara Ward Sims, a married person dealing in her sole and separate property
Current Lessor(s): Tract 7:
EHW, LLC – 12.5%
Tract 8:
EHW, LLC – 25.0%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
Lease Date: September 21, 2011
Lease Recording Data: November 8, 2011, Book 872, Page 801, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The E $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ and W $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.
Gross Acres: 10.00 acres

TRACT 15

Lease No. 50 – Susan Leicht George, also known as Susan L. George

Original Lessor(s): Susan Leicht George, also known as Susan L. George, a married person dealing in her sole and separate property
Current Lessor(s): Susan L. George – 33.333333%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
Lease Date: October 4, 2011
Lease Recording Data: November 29, 2011, Book 874, Page 1196, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$.
Gross Acres: 10.00 acres

TRACT 4

Lease No. 51 – Michael Carter, also known as Michael Temp Carter

Original Lessor(s): Michael Carter, also known as Michael Temp Carter, a married person dealing in his sole and separate property
Current Lessor(s): Michael T. Carter – 4.666666666%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
Lease Date: April 27, 2011
Lease Recording Data: November 11, 2011, Book 874, Page 1212, Eddy County, New Mexico
Lease Form: None
Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The SE $\frac{1}{4}$ SE $\frac{1}{4}$.
Gross Acres: 40.00 acres

TRACT 12

Lease No. 52 – Patricia Murl Nelms also known as Patricia M. Nelms

Original Lessor(s): Patricia Murl Nelms also known as Patricia M. Nelms
Current Lessor(s): Patricia Murl Nelms – 6.666667%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
**Assignment of 40% to Yates Petroleum Corporation is not of record yet
Lease Date: November 17, 2011
Lease Recording Data: November 29, 2011, Book 875, Page 11, Eddy County, New Mexico
Lease Form: None
Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The N $\frac{1}{2}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ and
W $\frac{1}{2}$ W $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.
Gross Acres: 12.50 acres

TRACT 12

Lease No. 53 – Phillip E. Fry also known as Phil E. Fry, Heather J. Fry Sanford, Leslie M. Butts and Phillip Tell Fry

Original Lessor(s): Phillip E. Fry also known as Phil E. Fry, Heather J. Fry Sanford, Leslie M. Butts and Phillip Tell Fry

Current Lessor(s): Heirs or devisees of Lynette Maureen Fry – 6.666667%

Original Lessee(s): COG Operating LLC

Current Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
**Assignment of 40% to Yates Petroleum Corporation is not of record yet

Lease Date: November 15, 2011

Lease Recording Data: November 29, 2011, Book 875, Page 19, Eddy County, New Mexico

Lease Form: None

Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The N $\frac{1}{2}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ and W $\frac{1}{2}$ W $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.

Gross Acres: 12.50 acres

TRACT 4

Lease No. 54 – Charles E. Hinkle

Original Lessor(s): Charles E. Hinkle

Current Lessor(s): Charles E. Hinkle – 0.390625%

Original Lessee(s): Cimarex Energy Co.

Current Lessee(s): COG Operating LLC – 100%

Lease Date: May 9, 2011

Lease Recording Data: December 13, 2011, Book 876, Page 497, Eddy County, New Mexico

Lease Form: None

Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The SE $\frac{1}{4}$ SE $\frac{1}{4}$.
Township 19 South, Range 25 East, N.M.P.M.
Section 1: W $\frac{1}{2}$ SW $\frac{1}{4}$ and Lot 1.
Section 12: Tracts 437, 445, 446, 448, 449, 459, 460, 462, 463, 464, 465, 466, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 483, 484 and 489.

Gross Acres: 185.0 acres

NOT RECOGNIZED

TRACTS 7 AND 8

Lease No. 55 – Jennie Ward Vuksich

Original Lessor(s): Jennie Ward Vuksich, a married person dealing in her sole and separate property
Current Lessor(s): Tract 7:
EHW, LLC – 12.5%
Tract 8:
EHW, LLC – 25.0%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 100%
Lease Date: September 27, 2011
Lease Recording Data: December 15, 2011, Book 876, Page 832, Eddy County, New Mexico
Lease Form: None
Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The E $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ and W $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.
Gross Acres: 10.00 acres

TRACT 15

Lease No. 56 – Nancy Carol Porter, also known as Nancy Carol Porter-Johnson

Original Lessor(s): Nancy Carol Porter, also known as Nancy Carol Porter-Johnson, a married person dealing in her sole and separate property
Current Lessor(s): Nancy Carol Porter, also known as Nancy Carol Porter-Johnson, a married person dealing in her sole and separate property – 8.333333%
Original Lessee(s): COG Operating LLC
Current-Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
Lease Date: December 22, 2011
Lease Recording Data: January 18, 2012, Book 879, Page 739, Eddy County, New Mexico
Lease Form: None
Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$.
Gross Acres: 10.00 acres

TRACT 6

Lease No. 57 – Judith Carol Pelham, formerly known as Judith Pelham Smith

Original Lessor(s): Judith Carol Pelham, formerly known as Judith Pelham Smith, an unmarried person

Current Lessor(s): Judith Carol Pelham, formerly known as Judith Pelham Smith – 100%

Original Lessee(s): COG Operating LLC

Current Lessee(s): COG Operating LLC – 60%

Yates Petroleum Corporation – 40%

Lease Date: October 10, 2011

Lease Recording Data: January 18, 2012, Book 879, Page 741, Eddy County, New Mexico

Lease Form: None

Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The E $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.

Gross Acres: 5.00 acres

TRACTS 7 AND 8

Lease No. 58 – Ocotillo Production LLC

Original Lessor(s): Ocotillo Production LLC

Current Lessor(s): Tract 7:
Ocotillo Production LLC – 4.166667%

Tract 8:
Ocotillo Production LLC – 8.333334%

Original Lessee(s): COG Operating LLC

Current Lessee(s): COG Operating LLC – 60%

Yates Petroleum Corporation – 40%

Lease Date: December 7, 2011

Lease Recording Data: January 18, 2012, Book 879, Page 747, Eddy County, New Mexico

Lease Form: Producers 88 Rev. (3 Year Lease) 5-96

Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The E $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ and W $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.

Gross Acres: 10.00 acres

TRACT 15

Lease No. 59 – Nancy D. Aldera, also known as Nancy Aldera

Original Lessor(s): Nancy D. Aldera, also known as Nancy Aldera, an unmarried person
Current Lessor(s): Nancy D. Aldera – 16.666666%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
Lease Date: December 16, 2011
Lease Recording Data: January 18, 2012, Book 879, Page 750, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The NW¼NE¼SE¼.
Gross Acres: 10.00 acres

TRACT 15

Lease No. 60 – Frances R. Toriello, also known as Frances Toriello

Original Lessor(s): Frances R. Toriello, also known as Frances Toriello, an unmarried person
Current Lessor(s): Frances Toriello – 16.666667%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
Lease Date: December 16, 2011
Lease Recording Data: January 18, 2012, Book 879, Page 752, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The NW¼NE¼SE¼.
Gross Acres: 10.00 acres

TRACT 12

Lease No. 61 – Jonell Jones Howell

Original Lessor(s): Jonell Jones Howell
Current Lessor(s): Jonell Jones Howell – 6.666667%
Original Lessee(s): COG Operating LLC
Current Lessor(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
**Assignment of 40% to Yates Petroleum Corporation is not of record yet
Lease Date: November 17, 2011
Lease Recording Data: January 18, 2012, Book 879, Page 766, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The N¼SW¼NE¼SE¼, W¼SE¼NE¼SE¼ and
W¼W¼NW¼SW¼SE¼.
Gross Acres: 12.50 acres

TRACT 15

Lease No. 62 – Shelly Rae Turner

Original Lessor(s): Shelly Rae Turner, a married person dealing in her sole and separate property
Current Lessor(s): Shelly Rae Turner, a married person dealing in her sole and separate property – 8.333334%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
Lease Date: December 22, 2011
Lease Recording Data: February 10, 2010, Book 881, Page 924, Eddy County, New Mexico
Lease Form: None
Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The NW¼NE¼SE¼.
Gross Acres: 10.00 acres

TRACT 12

Lease No. 63 – Carol Sue Sanford Garrett

Original Lessor(s): Carol Sue Sanford Garrett, a married person dealing in her sole and separate property
Current Lessor(s): Carol Sue Sanford Garrett – 10.0%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
Lease Date: December 15, 2011
Lease Recording Data: February 10, 2012, Book 881, Page 926, Eddy County, New Mexico
Lease Form: None
Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The N¼SW¼NE¼SE¼, W¼SE¼NE¼SE¼ and W¼W¼NW¼SW¼SE¼.
Gross Acres: 12.50 acres

TRACTS 7 AND 8

Lease No. 64 – William C. White, II

Original Lessor(s): William C. White, II, a single man dealing in his sole and separate property
Current Lessor(s): Tract 7:
William C. White – 4.166667%
Tract 8:
William C. White – 8.333333%
Original Lessee(s): Yates Petroleum Corporation – 70%
Yates Drilling Company – 10%
Abo Petroleum Corporation – 10%
Myco Industries, Inc. – 10%
Current Lessee(s): Yates Petroleum Corporation – 70%
Oxy Y-1 Company – 10%
Abo Petroleum Corporation – 10%
Myco Industries, Inc. – 10%
Lease Date: April 6, 2010, but effective June 8, 2010
Lease Recording Data: April 21, 2010, Book 812, Page 1032, Eddy County, New Mexico
Lease Form: Producer's 88 Rev. (5 Year Lease) 10-57, Paid-up
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The E $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ and W $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.
Gross Acres: 10.00 acres

TRACT 9

Lease No. 65 – Karen G. Powell

Original Lessor(s): Karen G. Menefee Powell, dealing in her sole and separate property
Current Lessor(s): Karen G. Menefee Powell – 25.0%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
**Assignment of 40% to Yates Petroleum Corporation is not of record yet
Lease Date: September 3, 2013, effective November 1, 2013; Renewal of Oil & Gas Lease dated November 1, 2010
Lease Recording Data: September 10, 2013, Book 950, Page 462, Eddy County, New Mexico; Renewal of Oil and Gas Lease recorded December 2, 2010, Book 835, Page 118, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.
Gross Acres: 10.00 acres

TRACT 9

Lease No. 66 – Kimberly J. Menefee Kafton

Original Lessor(s): Kimberly J. Menefee Kafton, dealing in her sole and separate property
Current Lessor(s): Kimberly J. Menefee Kafton – 25.0%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
**Assignment of 40% to Yates Petroleum Corporation is not of record yet
Lease Date: September 4, 2013, effective November 1, 2013, Renewal of Oil and Gas Lease dated November 1, 2010
Lease Recording Data: September 10, 2013, Book 950, Page 464, Eddy County, New Mexico; Renewal of Oil and Gas Lease recorded December 2, 2010, Book 835, Page 120, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.
Gross Acres: 10.00 acres

EXPIRED

TRACT 9

Lease No. 67 – Alan W. Menefee

Original Lessor(s): Alan W. Menefee, dealing in his sole and separate property
Current Lessor(s): Alan W. Menefee – 25.0%
Original Lessee(s): DMD LLC
Current Lessee(s): Expired
Lease Date: November 1, 2010
Lease Recording Data: December 7, 2010, Book 835, Page 631, Eddy County, New Mexico
Lease Form: Producer's 88-Paid-up
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.
Gross Acres: 10.00 acres

TRACT 5

Lease No. 68 – Lewis DuBois Erwin, II

Original Lessor(s): Lewis DuBois Erwin, II
Current Lessor(s): Lewis DuBois Erwin, II – 66.666666%
Original Lessee(s): Cimarex Energy Co.
Current Lessee(s): COG Operating LLC – 100%
Lease Date: January 6, 2011
Lease Recording Data: February 15, 2011, Book 843, Page 906, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The W $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.
Gross Acres: 5.00 acres

TRACT 11

Lease No. 69 – Wayland Newberry

Original Lessor(s): Wayland Newberry
Current Lessor(s): John W. Smith and Wayland Newberry, as joint tenants – 100%
Original Lessee(s): Cimarex Energy Co.
Current Lessee(s): COG Operating LLC – 100%
Lease Date: February 10, 2011
Lease Recording Data: April 12, 2011, Book 850, Page 214, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The E $\frac{1}{2}$ W $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.
Gross Acres: 2.50 acres

TRACT 11

Lease No. 70 – John W. Smith

Original Lessor(s): John W. Smith
Current Lessor(s): John W. Smith and Wayland Newberry, as joint tenants – 100%
Original Lessee(s): Cimarex Energy Co.
Current Lessee(s): COG Operating LLC – 100%
Lease Date: February 10, 2011
Lease Recording Data: April 12, 2011, Book 850, Page 216, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The E $\frac{1}{2}$ W $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.
Gross Acres: 2.50 acres

TRACT 10

Lease No. 71 – Brett C. Barton

Original Lessor(s): Brett C. Barton
Current Lessor(s): Brett C. Barton – 16.666667%
Original Lessee(s): Cimarex Energy Co.
Current Lessee(s): COG Operating LLC – 100%
Lease Date: February 15, 2011
Lease Recording Data: April 2, 2011, Book 850, Page 222, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The E $\frac{1}{2}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.
Section 35: The W $\frac{1}{2}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$.
Gross Acres: 10.00 acres

TRACT 10

Lease No. 72 – Kristin Hatley

Original Lessor(s): Kristin Hatley, a married woman, joined pro-forma by her husband Ronald Hatley
Current Lessor(s): Kristin Hatley – 8.2125%
Original Lessee(s): Eight Energy, Inc.
Current Lessee(s): Eight Energy, Inc. – 100%
Lease Date: April 15, 2011
Lease Recording Data: April 15, 2011, Book 850, Page 775, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: E $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$.
Township 19 South, Range 26 East, N.M.P.M.
Section 8: NE $\frac{1}{4}$ NE $\frac{1}{4}$.

Gross Acres: 45.00 acres

TRACT 4

Lease No. 73 – Cheryl Harrison, Trustee of the Bettianne H. Bowen Living Trust

Original Lessor(s): Cheryl Harrison, Trustee of the Bettianne H. Bowen Living Trust
Current Lessor(s): Bettianne H. Bowen Living Trust – 2.34375%
Original Lessee(s): Cimarex Energy Co.
Current Lessee(s): COG Operating LLC – 100%
Lease Date: April 1, 2011
Lease Recording Data: November 2, 2011, Book 872, Page 85, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The SE $\frac{1}{4}$ SE $\frac{1}{4}$.

Gross Acres: 40.00 acres

TRACT 14

Lease No. 74 – Mary J. Swiencki

Original Lessor(s): Mary J. Swiencki, a married woman dealing in her sole and separate property
Current Lessor(s): Mary J. Swiencki – 0.476191%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 60%
Yates Petroleum Corporation – 40%
Lease Date: May 24, 2012
Lease Recording Data: June 12, 2012, Book 894, Page 1226, Eddy County, New Mexico
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$.

Gross Acres: 10.00 acres

TRACT 4

Lease No. 75 – F.B. Hubacheck

Original Lessor(s): F.B. Hubachek, dealing in his sole and separate property – 0.3125%
Current Lessor(s): Lonesome Oil, LLC
Original Lessee(s): Yates Petroleum Corporation
Current Lessee(s): Yates Petroleum Corporation – 100%
Lease Date: June 19, 1980
Lease Recording Data: October 30, 1980, Book 190, Page 507, Eddy County, New Mexico
Lease Form: Producer's 88 Rev. (5 Year Lease) 10-57, Paid-up
Land Description: **Township 15 South, Range 26 East, N.M.P.M.**
Section 34: The S $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$, S $\frac{1}{4}$ SW $\frac{1}{4}$
Township 18 South, Range 25 East, N.M.P.M.
Section 34: The SW $\frac{1}{4}$
Township 18 South, Range 26 East, N.M.P.M.
Section 31: The SE $\frac{1}{4}$ SE $\frac{1}{4}$
Township 19 South, Range 24 East, N.M.P.M.
Section 12: The E $\frac{1}{4}$ SE $\frac{1}{4}$.
Section 14: The NW $\frac{1}{4}$.

Gross Acres: Not disclosed

TRACT 4

**Lease No. 76 – James G. Bennett, Jr., Russell M. Bennett & James E. Brew, Trustees of
Trusts under the Will of James C. Bennett created by Paulina S. Bennett Power of
Appointment for James G. Bennett, Jr., Russell M. Bennett and Virginia B. Peters**

Original Lessor(s): James G. Bennett, Jr., Russell M. Bennett & James E. Brew, Trustees of Trusts
under the Will of James C. Bennett created by Paulina S. Bennett Power of
Appointment for James G. Bennett, Jr., Russell M. Bennett and Virginia B.
Peters – 0.625% (owned by James C. Bennett and leased collectively under
Lease Nos. 76, 77 and 78)
Current Lessor(s): Lonesome Oil, LLC
Original Lessee(s): Yates Petroleum Corporation
Current Lessee(s): Yates Petroleum Corporation – 100%
Lease Date: June 19, 1980
Lease Recording Data: December 10, 1980, Book 192, Page 333, Eddy County, New Mexico
Lease Form: Producer's 88 Rev. (5 Year Lease) 10-57, Paid-up
Land Description: **Township 15 South, Range 26 East, N.M.P.M.**
Section 34: The S $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$, S $\frac{1}{4}$ SW $\frac{1}{4}$
Township 18 South, Range 26 East, N.M.P.M.
Section 31: The SE $\frac{1}{4}$ SE $\frac{1}{4}$
Township 19 South, Range 24 East, N.M.P.M.
Section 12: The E $\frac{1}{4}$ SE $\frac{1}{4}$.
Section 14: The NW $\frac{1}{4}$.
Township 19 South, Range 25 East, N.M.P.M.
Section 3: The S $\frac{1}{4}$ NE $\frac{1}{4}$ and NE $\frac{1}{4}$ NE $\frac{1}{4}$.

Gross Acres: Not disclosed

TRACT 4

Lease No. 77 – James G. Bennett, Jr., Russell M. Bennett & James E. Brew, Trustees of the Trust under the Will of Paulina S. Bennett for Robert E. Gable

Original Lessor(s): James G. Bennett, Jr., Russell M. Bennett & James E. Brew, Trustees of the Trust under the Will of Paulina S. Bennett for Robert E. Gable – 0.625% (owned by James C. Bennett and leased collectively under Lease Nos. 76, 77 and 78)

Current Lessor(s): Lonesome Oil, LLC

Original Lessee(s): Yates Petroleum Corporation

Current Lessee(s): Yates Petroleum Corporation – 100%

Lease Date: June 19, 1980

Lease Recording Data: December 10, 1980, Book 192, Page 335, Eddy County, New Mexico

Lease Form: Producer's 88 Rev. (5 Year Lease) 10-57, Paid-up

Land Description: **Township 15 South, Range 26 East, N.M.P.M.**
Section 34: The S½NE¼, SE¼, S½SW¼
Township 18 South, Range 26 East, N.M.P.M.
Section 31: The SE¼SE¼
Township 19 South, Range 24 East, N.M.P.M.
Section 12: The E½SE¼.
Section 14: The NW¼.
Township 19 South, Range 25 East, N.M.P.M.
Section 3: The S½NE¼ and NE¼NE¼.

Gross Acres: Not disclosed

TRACT 4

Lease No. 78 – James G. Bennett, Jr., Russell M. Bennett & James E. Brew, Trustees of Trusts under the Will of James G. Bennett for Children

Original Lessor(s): James G. Bennett, Jr., Russell M. Bennett & James E. Brew, Trustees of Trusts under the Will of James G. Bennett for Children – 0.625% (owned by James C. Bennett and leased collectively under Lease Nos. 76, 77 and 78)

Current Lessor(s): Lonesome Oil, LLC

Original Lessee(s): Yates Petroleum Corporation

Current Lessee(s): Yates Petroleum Corporation – 100%

Lease Date: June 19, 1980

Lease Recording Data: December 10, 1980, Book 192, Page 337, Eddy County, New Mexico

Lease Form: Producer's 88 Rev. (5 Year Lease) 10-57, Paid-up

Land Description: **Township 15 South, Range 26 East, N.M.P.M.**
Section 34: The S½NE¼, SE¼, S½SW¼
Township 18 South, Range 26 East, N.M.P.M.
Section 31: The SE¼SE¼
Township 19 South, Range 24 East, N.M.P.M.
Section 12: The E½SE¼.
Section 14: The NW¼.
Township 19 South, Range 25 East, N.M.P.M.
Section 3: The S½NE¼ and NE¼NE¼.

Gross Acres: Not disclosed

TRACT 4

Lease No. 79 – Jan M. Fox

Original Lessor(s): Jan M. Fox, dealing in her sole and separate property – 0.104166%
Current Lessor(s): Lonesome Oil, LLC
Original Lessee(s): Yates Petroleum Corporation
Current Lessee(s): Yates Petroleum Corporation – 100%
Lease Date: April 17, 1981
Lease Recording Data: April 23, 1981, Book 198, Page 606, Eddy County, New Mexico
Lease Form: Producer's 88 Rev. (5 Year Lease) 10-57, Paid-up
Land Description: **Township 15 South, Range 26 East, N.M.P.M.**
Section 34: The S½NE¼, SE¼, S½SW¼.
Township 18 South, Range 25 East, N.M.P.M.
Section 34: The SW¼.
Township 18 South, Range 26 East, N.M.P.M.
Section 31: The SE¼SE¼.
Township 19 South, Range 24 East, N.M.P.M.
Section 12: The E½SE¼.
Section 14: The NW¼.

Gross Acres: Not disclosed

TRACT 4

Lease No. 80 – Sterling Mark Carter

Original Lessor(s): Sterling Mark Carter
Current Lessor(s): Sterling Mark Carter – 1.666667%
Original Lessee(s): Cimarex Energy Co.
Current Lessee(s): Released
Lease Date: April 11, 2011
Lease Recording Data: May 24, 2011, Book 854, Page 1010, Eddy County, New Mexico
Lease Form: None
Land Description: **Township 18 South, Range 26 East, N.M.P.M.**
Section 31: The SE¼SE¼.
Township 19 South, Range 25 East, N.M.P.M.
Section 1: W½SW¼ and Lot 1.

Gross Acres: 159.95 acres

TRACT 4

Lease No. 81 – Marshall & Winston, Inc.

Original Lessor(s): Marshall & Winston, Inc.
Current Lessor(s): Marshall & Winston, Inc. – 12.500000%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 100%
Lease Date: September 23, 2013
Lease Recording Data: Unrecorded
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The SE¼SE¼.
Gross Acres: 40 acres

TRACT 4

Lease No. 82 – Quetico Superior Foundation

Original Lessor(s): Quetico Superior Foundation
Current Lessor(s): Quetico Superior Foundation – 3.125000%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 100%
Lease Date: September 23, 2013
Lease Recording Data: Unrecorded
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: The SE¼SE¼.
Gross Acres: 40 acres

TRACT 4

Lease No. 83 – Lonesome Oil, LLC

Original Lessor(s): Lonesome Oil, LLC
Current Lessor(s): Lonesome Oil, LLC – 6.875%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 100%
Lease Date: November 25, 2013
Lease Recording Data: Unrecorded
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: SE¼SE¼
Gross Acres: 40 acres

TRACT 14

Lease No. 84 – James Paul Parrish and Carole D. Parrish, Trustees of the Parrish Family Trust

Original Lessor(s): James Paul Parrish and Carole D. Parrish, Trustees of The Parrish Family Trust
Current Lessor(s): James Paul Parrish and Carole D. Parrish, Trustees of The Parrish Family Trust – 10%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 100%
Lease Date: February 18, 2014
Lease Recording Data: Unrecorded
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: NE¼NE¼SE¼
Gross Acres: 10 acres

TRACT 5

Lease No. 85 – John R. & Eleanor R. Mitchell Foundation

Original Lessor(s): John R. & Eleanor R. Mitchell Foundation
Current Lessor(s): John R. & Eleanor R. Mitchell Foundation – 33.333334%
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 100%
Lease Date: March 1, 2014
Lease Recording Data: Unrecorded
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: W¼SE¼SW¼SE¼
Gross Acres: 5 acres

TRACTS 7 AND 8

Lease No. 86 – B&G Royalties

Original Lessor(s): B&G Royalties
Current Lessor(s): B&G Royalties – 4.166666% (Tract 7), 8.333333% (Tract 8)
Original Lessee(s): COG Operating LLC
Current Lessee(s): COG Operating LLC – 100%
Lease Date: March 1, 2014
Lease Recording Data: Unrecorded
Lease Form: None
Land Description: Township 18 South, Range 26 East, N.M.P.M.
Section 31: W¼SW¼SW¼SE¼ & E¼SW¼SW¼SE¼
Gross Acres: 10 acres

TRACTS 7 AND 8
Lease No. 87 – EHW, LLC

Original Lessor(s):	EHW, LLC
Current Lessor(s):	EHW, LLC – 12.5% (Tract 7), 25% (Tract 8)
Original Lessee(s):	COG Operating LLC
Current Lessee(s):	COG Operating LLC – 100%
Lease Date:	January 21, 2014
Lease Recording Data:	Unrecorded
Lease Form:	None
Land Description:	<u>Township 18 South, Range 26 East, N.M.P.M.</u> Section 31: E $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ & W $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$
Gross Acres:	10 acres

UNLEASED MINERAL INTERESTS (SUBJECT TO FORCE POOLING ORDERS):

FALABELLA 7H:

*David L. Menefee	1.5625000%
*Alan W. Menefee	1.5625000%
*John B. Walker	0.2109380%
*Mary W. Walker	0.2109380%

*Parties subject to NMOCD Force Pooling Order No. R-13578

FALABELLA 8H:

*Mark Wilson Family Partnership, L.P.	0.452527%
*Loco 79, Ltd.	0.025531%
*Rio Pecos Corporation	0.390625%
*Sally A. Ellis	0.078125%
*Gayle Glass Roche	2.343750%
*Lou Ann Langford	0.781250%
*Gayle Elizabeth Langford Turner	0.781250%
*Jefferson Milner Langford	0.781250%
*Robert Glass Langford	0.781250%
*Alison Claire Curry Saunders	0.390625%
*Alfred Foy Curry, IV	0.390625%
*Heirs of Letha J. Hartman	0.625000%
*Wyatt Hartman	0.625000%
*Linda Kay Nordstrom	0.069444%
*Heirs or devisees of Dorthy M. Glatt	0.029762%
*Glea Sheppard	0.625000%
* Mary Lou Senn	1.0416670%

*Parties subject to NMOCD Force Pooling Order No. R-13535