

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTCarlsbad Field Office  
OCD ArtesiaFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM41645
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: TERRI STATHEM E-Mail: tstathem@cimarex.com		6. If Indian, Allottee or Tribe Name
3a. Address 202 S CHEYENNE AVE SUITE 1000 TULSA, OK 74103.4346	3b. Phone No. (include area code) Ph: 432-620-1936	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Multiple--See Attached		8. Well Name and No. Multiple--See Attached
		9. API Well No. Multiple--See Attached
		10. Field and Pool or Exploratory Area Multiple--See Attached
		11. County or Parish, State EDDY COUNTY, NM

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Surface Commingling
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Cimarex Energy Co. respectfully requests approval to surface commingle oil production at a central tank battery from the following wells:

~~Federal TS Com #811-30015-42777~~  
~~Federal TS Com #811-30015-42778~~  
~~Federal TS Com #1011-30015-42885~~

Please see attached information for your review and approval.

Facility Diagram & Flow information  
 Flow line plats  
 Owner Listing & Notification Information  
 Serial Register pages

GC 7-9-18  
 Accepted for record - NMOCB

RECEIVED

JUL 06 2018

DISTRICT II-ARTESIA O.C.D.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #390446 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 11/06/2017 (18PP0175SE)	
Name (Printed/Typed) TERRI STATHEM	Title MANAGER REGULATORY COMPLIANCE
Signature (Electronic Submission)	Date 10/02/2017

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <i>J. D. W. Killok</i>	Title <i>TL PET</i>	Date <i>6/28/18</i>
Conditions of Approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office <i>CFO</i>

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**Additional data for EC transaction #390446 that would not fit on the form**

**7. If Unit or CA/Agreement, Name and No., continued**

NMNM135720  
NMNM136959

**Wells/Facilities, continued**

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMNM41645	<del>NMNM41645</del>	<del>FEDERAL 13 BH</del>	<del>30-015-42778-00-81</del>	Sec 13 T25S R26E NENW 0273FNL 1920FWL 32.081134 N Lat, 104.145579 W Lon
<del>NMNM132834</del>	NMNM26105	<del>FEDERAL 13 COM 6H</del>	<del>30-015-42777-00-81</del>	Sec 13 T25S R26E NWNW 0330FNL 1980FEL 32.081071 N Lat, 104.143967 W Lon
<del>NMNM135720</del>	NMNM41645	<del>FEDERAL 13 COM 10H</del>	<del>30-015-42778-00-81</del>	Sec 13 T25S R26E NWNW 108FNL 660FWL 32.081304 N Lat, 104.151045 W Lon

**10. Field and Pool, continued**

WILDCAT



## APPLICATION FOR OIL COMMINGLING AT A CENTRAL TANK BATTERY (CTB)

Proposal for Federal 13 & Federal 13 Com CTB

NMOCD Approval: Pending

### Federal COM NMNM135720

Well Name	Location	API #	Pool	Oil Grav
Federal 13 Com #10H	13-T25S-R26E	30-015-42665	Cottonwood Draw;Bone Spring (97494)	40.65

### Federal Lease NMNM041645

Well Name	Location	API #	Pool	Oil Grav
Federal 13 #9H	13-T25S-R26E	30-015-42778	Cottonwood Draw;Bone Spring (97494)	40.65

### Federal Lease COM NMNM136959

Well Name	Location	API #	Pool	Oil Grav
Federal 13 Com #8H	13-T25S-R26E	30-015-42777	Cottonwood Draw;Bone Spring (97494)	40.65

Maps/Plats & diagrams: Federal leases and well locations in Section 13-25S-26E  
Plat of flowline route  
Facility Diagram

The BLM's interest is outlined below:

COM:NMMNM135720 NMNM36508 & NM41645 12.5-25% both are Schedule B 12.5-25%

Lease:NMMNM41645 Schedule B 12.5%

COM:NMMNM136959 NMNM26105 is 12.5% & NMNM41645 is Schedule B 12.5 - 25%

Additional interest owners are not identical and notification of commingling is required.

### Oil & Gas Production & Allocation

Oil gas and water production from the Federal 13 and Federal 13 Com wells comes into a production header then flows to a dedicated two-phase production separator. The production then flows to a three-phase heater treater.

**Oil production** then flows to individual oil meters for measurement: Federal 13 Com #8H – 300001037P, Federal 13 #9H – 300001034P and Federal 13 Com #10H – 300001031P. After measurement oil from well #8H flows to its dedicated Heater treater and wells #9H and #10H flows directly to the VRT and to oil tanks for storage and additional measurement. Finally, sales flow through LACT meter # F13CTB.

The oil gravities are equivalent (see Exhibit B). The oil allocation meters will be calibrated on a regular basis per API, NMOCD and BLM specifications. The BLM and OCD will be notified of any future changes in the facilities.

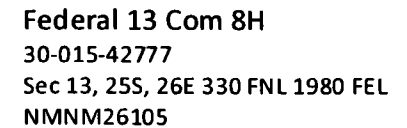
**Gas Production: is not commingled. Custody transfer meter for each well :** Federal 13 Com #8H: 300001037; Federal 13 #9H – 300001034; and Federal 13 Com #10H: 300001031H.

### Process & Flow Description:

Please see attached process flow diagram for the Federal 13 central tank battery.

The commingling of the oil production is in the interest of conservation and waste. It will result in the most effective economic means of producing the reserves in place from the affected wells and will not result in reduced royalty or improper measurement of the gas production. The proposed commingling reduces the surface facility footprint and overall emissions.

Cimarex understands the required approval will not constitute the granting of any right of way or construction rights not granted by the lease. These applications will be submitted separately for approval per NMOCD and BLM regulations.



Flare

Flare Water

Flare Scrubber

CP

VRT

VRU

HT

SEP

Flowline from 10H WH

Flowline from 8H WH

Flowline from 9H WH

Gas Lift to 8H WH

Gas Lift to 9H WH

Gas to Triple Crown

Gas Scrubber

Heater Gas

Oil to VRT

Oil Test

Circ Line

Supply Gas

Flare

Water

Transfer Pump

To SWD

LACT

OIL

WATER

V-1

V-3

V-4

V-5

METERS

1- 8H Gas Sales 300001037

2- 9H Gas Sales 300001034

3- 10H Gas Sales 300001031H

4- 8H Water 300001037W

5- 9H Water 300001034W

6- 10H Water 300001031W

7- 8H Oil 300001037P

8- 9H Oil 300001034P

9- 10H Oil 300001031P

10- 10H Gas Lift 300001031G

11- 8H Gas Lift 300001037G

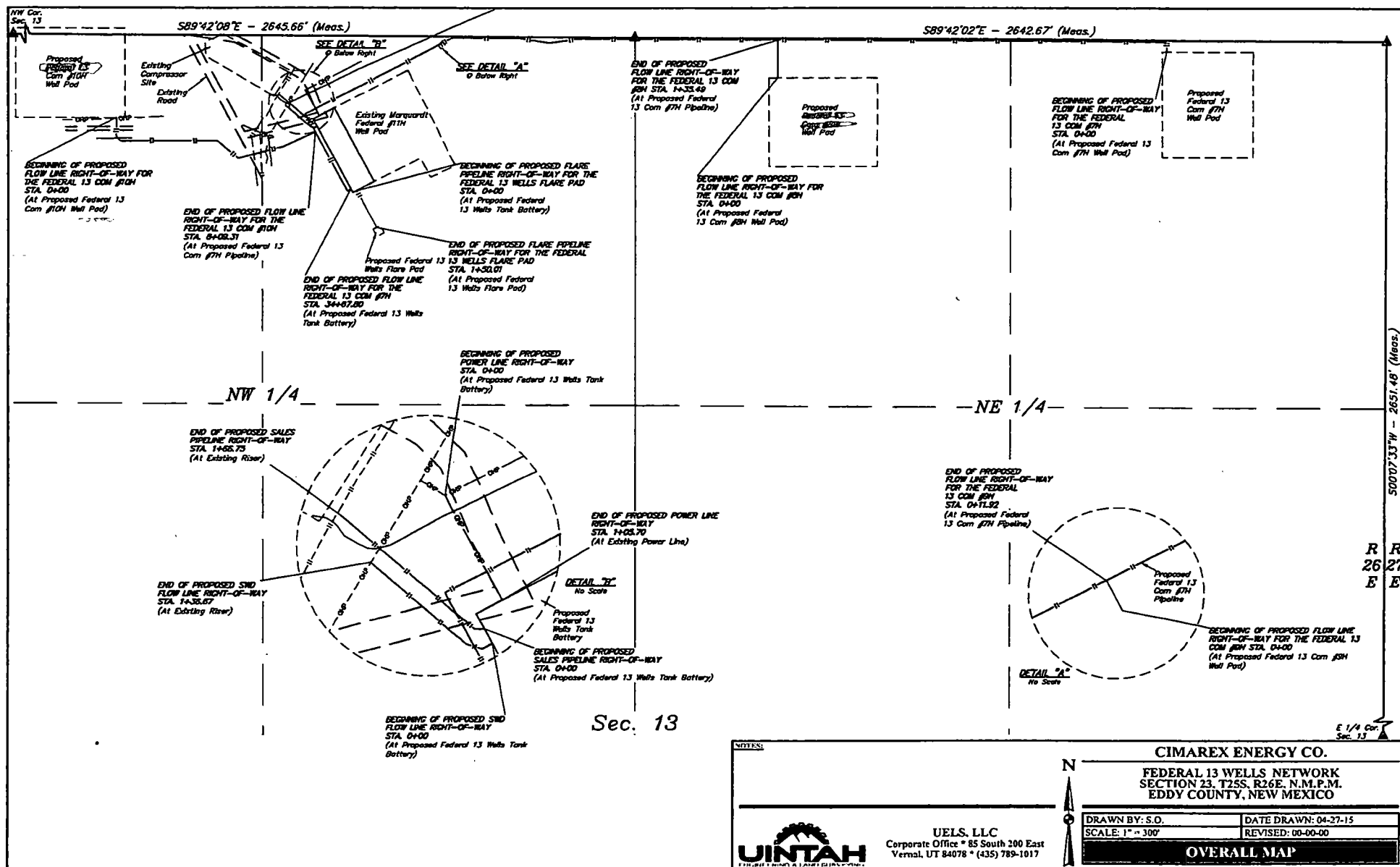
12- 9H Gas Lift 300001034G

13- Buyback 300001031B 300001031CDPHP

14- Sales to Triple Crown 300001031CDPHP

15- Flare 300001031V

16- 10H LACT



NMNM 017574

011

012

NMNM 014124

NMNM 093471

007

Federal 13 Com 10H

Federal 13 9H

Federal 13 Com 8H

NMNM 038508

SCH.B

NMNM 094842

NMNM 094842

NMNM 041646

SCH.B

013

014

NMNM 019423

018

NMNM 111530

NMNM 026105

12.5%

023

NMNM 026105

024

NMNM 109748

019

NMNM 1097

NMNM 071980

012

NMNM 136150

007

NMNM 014124

NMNM 093471

NMNM 017574

011

Federal 13 Com 10H

Federal 13 9H

Federal 13 Com 8H

NMNM 036508

NMNM 136906

NMNM 136720

NMNM 094842

NMNM 094842

NMNM 041645

NMNM 116107

018

018

014

NMNM 019423

NMNM 134676

NMNM 111530

NMNM 026105

NMNM 137574

023

NMNM 113988

NMNM 130613

NMNM 112716

024

NMNM 137564

NMNM 137958

NMNM 112747

NMNM 137210

019

NMNM 109750

NMNM 026105

NMNM 109748



**Federal 13 Com #8H – 30015-42777**  
**Federal 13 #9H – 30015-42778**  
**Federal 13 Com #10H – 30015-42665**  
**Application for Commingling at Central Tank Battery**  
**Owner Notification List**

**Federal 13 Com #8H**

**Owner**

**Mail Receipt No.**

Chevron USA Inc.

9414 8102 0088 1531 7273 77

P O Box 730436

Dallas Tx 75373-0436

Robert N. Enfield Trust

9414 8102 0083 0705 1066 78

Wells Fargo Bank – 14855100

Chuck Wallace

P O Box 41779

Austin, Tx 78704

Bryan Bell Family LLC

9414 8102 0083 0705 1116 34

C/O Frank Robert Janusa, Managing Member

P O Box 24591

New Orleans, LA 70184-4591

Jerune Allen

9414 8102 0088 2531 8215 39

245 Nicklaus Drive SE

Rio Rancho NM 87124

Mona L. Coffield

9414 8102 0088 3584 0069 28

Lisa M Enfield POA

465 Camino Manzano

Santa FE NM 87505

Susan Whitaker

9414 8102 0083 0705 3528 39

P O Box 2978

Roswell, NM 88202

Sherry L Yates Chilton

9414 8102 0082 9531 7628 68

FKA Sherry Lynn Hamlett

3215 West Washita

Springfield MO 65087

DMA Inc.

9414 8102 0079 3534 0752 73

A L Peters President

P O Box 1496

Roswell NM 88202-1496



**Federal 13 Com #8H, cont.**

**Owner**

**Mail Receipt No.**

Charmar LLC  
c/o Vikki H Smith Manager Member  
4515 Visa Del Oso Ct NE  
Albuquerque, NM 87109

9414 8102 0079 3534 0801 30

Richard C Deason  
1301 N Havenhurst 217  
West Hollywood, CA 90046

9414 8102 0079 3534 0848 93

Thomas D Deason  
1405 Knight Ave  
Wolfforth Tx 79382

9414 8102 0082 9531 7836 72

SAP LLC  
4901 Whitney Lane  
Roswell NM 88203

9414 8102 0083 0705 1588 68

Ronald H Mayer  
Martha Mayer  
P O Box 2391  
Roswell NM 88202

9414 8102 0082 8531 9303 14

**Federal 13 #9H**

Chevron USA Inc.  
P O Box 730436  
Dallas Tx 75373-0436

9414 8102 0088 1531 7273 77

**Federal 13 Com #10H**

Chevron USA Inc.  
P O Box 730436  
Dallas Tx 75373-0436

9414 8102 0088 1531 7273 77

**BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 06/22/18 09:21 AM

Page 1 of 1

01 02-25-1920;041STAT0437;30USC181ETSEQ

Total Acres

Serial Number

Case Type 312011: O&G LSE COMP PUBLIC

40.000

~~NMNM-- - 036508~~

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED Case File Juris:

Serial Number: NMNM-- - 036508

Name & Address

Int Rel

%Interest

CHEVRON USA PROD CO

PO BOX 1635

HOUSTON TX 772511635

LESSEE

100.000000000

Serial Number: NMNM-- - 036508

Mer Twp Rng Sec SType Nr Suff Subdivision

District/Resource Area

County

Mgmt Agency

23 0250S 0260E 013 ALIQ

NWNW;

CARLSBAD FIELD OFFICE

EDDY

BUREAU OF LAND MGMT

Serial Number: NMNM-- - 036508

Act Date

Code

Action

Action Remarks

Pending Office

03/19/1979

387

CASE ESTABLISHED

PARCEL #52

03/19/1979

500

GEOGRAPHIC NAME

UNDEFINED FLD;

03/20/1979

191

SALE HELD

03/20/1979

196

BID ACCEPTED

05/08/1979

237

LEASE ISSUED

06/01/1979

496

FUND CODE

05;145003

06/01/1979

532

~~RENTY RATE 12.5-25% SCH B~~

06/01/1979

868

EFFECTIVE DATE

04/12/1982

111

RENTAL RECEIVED

\$0;82-83

08/30/1982

246

LEASE COMMITTED TO CA

SCR-330 EFF 12/01/81

09/30/1987

974

AUTOMATED RECORD VERIF

MLO/CB

12/01/1988

963

CASE MICROFILMED/SCANNED

CNUM 501,206

01/20/1995

140

ASGN FILED

YATES PETRO/CHEVRON

04/24/1995

139

ASGN APPROVED

EFF 02/01/95;

04/24/1995

974

AUTOMATED RECORD VERIF

LBO

04/15/2015

246

LEASE COMMITTED TO CA

NMNM135720;

10/28/2015

650

HELD BY PROD - ACTUAL

/1/

10/28/2015

658

MEMO OF 1ST PROD-ACTUAL

/1/NMNM135720;#10H

03/31/2016

643

PRODUCTION DETERMINATION

/1/

11/21/2016

246

LEASE COMMITTED TO CA

NMNM137592;

06/16/2017

658

MEMO OF 1ST PROD-ACTUAL

/2/NMNM137592;#11H

03/06/2018

643

PRODUCTION DETERMINATION

/2/

Line Nr

Remarks

Serial Number: NMNM-- - 036508

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page**

Run Time: 06:29 AM

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Run Date: 10/02/2017

**01 02-25-1920;041STAT0437;30USC181ETSEQ**  
**Case Type 312011: O&G LSE COMP PUBLIC**  
**Commodity 459: OIL & GAS**  
**Case Disposition: AUTHORIZED**

**Total Acres** 440.000  
**Serial Number** NMNM-- 041645

			Serial Number: NMNM-- - 041645	
Name & Address			Int Rel	% Interest
CHEVRON USA INC	6301 DEAUVILLE	MIDLAND TX 797062964	OPERATING RIGHTS	0.000000000
CHEVRON USA INC	6301 DEAUVILLE	MIDLAND TX 797062964	LESSEE	100.000000000
CIMAREX ENERGY CO OF COLORADO	1700 LINCOLN ST STE 1800	DENVER CO 802034518	OPERATING RIGHTS	0.000000000

						Serial Number: NMNM-- - 041645		
Mer Twp	Rng	Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23	02505	0260E	013	ALIQ	NE,E2NW,SWNW,SW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

					Serial Number: NMNM-- - 041645	
Act Date	Code	Action	Action Remark	Pending Office		
07/22/1980	387	CASE ESTABLISHED	PARCEL #5			
07/23/1980	196	BID ACCEPTED				
10/03/1980	237	LEASE ISSUED				
11/01/1980	496	FUND CODE	05;145003			
11/01/1980	532	<b>RLTY RATE 12.5-25% SCH B</b>				
11/01/1980	868	EFFECTIVE DATE				
12/01/1981	246	LEASE COMMITTED TO CA	SCR-330 EFF 12/01/81			
01/29/1982	643	PRODUCTION DETERMINATION	/1/			
01/29/1982	643	PRODUCTION DETERMINATION	/2/			
01/29/1982	650	HELD BY PROD - ACTUAL	/1/			
01/29/1982	658	MEMO OF 1ST PROD-ACTUAL	/1/			
01/29/1982	660	MEMO OF 1ST PROD-ALLOC	/2/SCR-330;			
06/21/1982	102	NOTICE SENT-PROD STATUS	/1/			
07/15/1986	817	MERGER RECOGNIZED	CHEVRON USA/GULF OIL			
07/15/1986	940	NAME CHANGE RECOGNIZED	GULF OIL/CHEVRON USA.			
06/13/1988	974	AUTOMATED RECORD VERIF	AMR/JA			
07/10/1989	963	CASE MICROFILMED/SCANNED	CNUM 102,716			
08/14/2006	940	NAME CHANGE RECOGNIZED	GRUY/CIMAREX OF COLO			
03/17/2009	932	TRF OPER RGTS FILED	CHEVRON U/CIMAREX E;1			
05/01/2009	933	TRF OPER RGTS APPROVED	EFF 04/01/09;			
05/01/2009	974	AUTOMATED RECORD VERIF	LR			
12/20/2009	246	LEASE COMMITTED TO CA	NMNM130302;			
04/01/2010	246	LEASE COMMITTED TO CA	NMNM130432;			
06/10/2010	932	TRF OPER RGTS FILED	CIMAREX E/CHEVRON U;1			
07/26/2010	933	TRF OPER RGTS APPROVED	EFF 07/01/10;			
07/26/2010	974	AUTOMATED RECORD VERIF	RAYO/RAYO			
04/15/2015	246	LEASE COMMITTED TO CA	NMNM135720;			
10/28/2015	658	MEMO OF 1ST PROD-ACTUAL	/3/NMNM135720;#10H			
12/22/2015	246	LEASE COMMITTED TO CA	NMNM136959;			
03/31/2016	643	PRODUCTION DETERMINATION	/3/			
06/04/2016	658	MEMO OF 1ST PROD-ACTUAL	/4/NMNM136959;#8H			
04/26/2017	643	PRODUCTION DETERMINATION	/4/			

**BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(LIVE) SERIAL REGISTER PAGE**

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**01 02-25-1920;041STAT0437;30USC181ETSEQ**  
**Case Type 311211: O&G LSE SIMO PUBLIC LAND**  
**Commodity 459: OIL & GAS**  
**Case Disposition: AUTHORIZED Case File Juris:**

**Total Acres**  
**480.000**

**Serial Number**  
**NMNM-- - 026105**

**Serial Number: NMNM-- - 026105**

Name & Address	Int Rel	%Interest
CHEVRON USA INC 6301 DEAUVILLE	MIDLAND TX 797062964	OPERATING RIGHTS 0.000000000
CHEVRON USA PROD CO PO BOX 1635	HOUSTON TX 772511635	OPERATING RIGHTS 0.000000000
CHEVRON USA PROD CO PO BOX 1635	HOUSTON TX 772511635	LESSEE 25.000000000
EOG RESOURCES INC PO BOX 2267	MIDLAND TX 79702	LESSEE 75.000000000
EOG RESOURCES INC PO BOX 4362	HOUSTON TX 772104362	OPERATING RIGHTS 0.000000000

**Serial Number: NMNM-- - 026105**

Mer Twp	Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0250S	0260E	013	ALIQ	SE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0250S	0260E	023	ALIQ	NE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0250S	0260E	024	ALIQ	NW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

**Serial Number: NMNM-- - 026105**

Act Date	Code	Action	Action Remarks	Pending Office
11/30/1973	387	CASE ESTABLISHED		
12/01/1973	496	FUND CODE	05;145003	
12/01/1973	530	<b>RENTY RATE - 12 1/2%</b>		
12/01/1973	868	EFFECTIVE DATE		
04/28/1975	209	CASE CREATED BY SEGR	OUT OF NMNM19594;	
03/11/1980	500	GEOGRAPHIC NAME	UNDEFINED FLD;	
03/11/1980	510	KMA CLASSIFIED		
03/24/1980	315	RENTAL RATE DET/ADJ	\$2.00;	
12/01/1981	246	LEASE COMMITTED TO CA	SCR-330	
06/13/1983	140	ASGN FILED	EL PASO NAT GAS/EXPL	
02/27/1984	139	ASGN APPROVED	EFF 07/01/83;	
08/26/1985	940	NAME CHANGE RECOGNIZED	EL PASO EXPL/MERIDIAN	
05/17/1987	963	CASE MICROFILMED/SCANNED	CNUM 560,908 RW	
08/30/1988	974	AUTOMATED RECORD VERIF	MRS/CS	
07/13/1992	974	AUTOMATED RECORD VERIF	BCO/JLV	
07/18/1994	932	TRF OPER RGTS FILED	EL PASO PROD/CHEVRON	
07/18/1994	932	TRF OPER RGTS FILED	MERIDIAN/CHEVRON	
10/19/1994	933	TRF OPER RGTS APPROVED	(1)EFF 08/01/94;	
10/19/1994	933	TRF OPER RGTS APPROVED	(2)EFF 08/01/94;	
10/19/1994	974	AUTOMATED RECORD VERIF	AR/MV	
05/20/1996	817	MERGER RECOGNIZED	EL PASO PROD/MERIDIAN	
05/20/1996	817	MERGER RECOGNIZED	MERIDIAN PRO/MERIDIAN	
05/20/1996	817	MERGER RECOGNIZED	SOUTHLAND/MERIDIAN	
05/20/1996	974	AUTOMATED RECORD VERIF	BTM	
09/18/1996	940	NAME CHANGE RECOGNIZED	MERIDIAN/BURLINGTON	
05/30/1997	140	ASGN FILED	ENFIELD ETAL/CHEVRON	
06/30/1997	139	ASGN APPROVED	EFF 06/01/97;	
06/30/1997	974	AUTOMATED RECORD VERIF	LR	

**NO WARRANTY IS MADE BY BLM  
FOR USE OF THE DATA FOR  
PURPOSES NOT INTENDED BY BLM**

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page**

Run Time: 06:29 AM

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Run Date: 10/02/2017

01 02-25-1920;041STAT0437;30USC181

Total Acres

Serial Number

Case Type 318310: O&G COMMUNITIZATION AGRMT

160.000

NMNM-- 135720

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Serial Number: NMNM-- - 135720

Name & Address			Int Rel	% Interest
BLM CARLSBAD FO	620 E GREENE ST	CARLSBAD NM 88220	OFFICE OF RECORD	0.000000000
CIMAREX ENERGY CO	202 S CHEYENNE AVE STE 1000	TULSA OK 741033010	OPERATOR	100.000000000

Serial Number: NMNM-- - 135720

Mer Twp	Rng	Sec	SType	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23	0250S	0260E	013	ALIQ	W2W2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 135720

Act Date	Code	Action	Action Remark	Pending Office
04/15/2015	387	CASE ESTABLISHED		
04/15/2015	516	FORMATION	BONE SPRING	
04/15/2015	526	ACRES-FED INT 100%	160;100%	
04/15/2015	868	EFFECTIVE DATE	30-015-42665	
10/28/2015	654	AGRMT PRODUCING	/1/	
10/28/2015	658	MEMO OF 1ST PROD-ACTUAL	/1/30-015-42665	
03/31/2016	334	AGRMT APPROVED		
03/31/2016	643	PRODUCTION DETERMINATION	/1/	

Serial Number: NMNM-- - 135720

Line Nr	Remarks
0001	RECAPITULATION EFFECTIVE 04/15/2015
0002	TRACT # LEASE SERIAL # AC COMMITTED PCT INT
0003	1 <del>NMNM 16545</del> 120.00 <del>25.00</del> R.R. SCHB 12.5% To 25%
0004	2 <del>NMNM 16550</del> 40.00 <del>25.00</del> R.R. SCHB 12.5% To 25%
0005	TOTAL 160.00 100.00

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page**

Run Time: 06:24 AM

Page 1 of 1

Run Date: 10/02/2017

01 02-25-1920;041STAT0437;30USC181

Total Acres

Serial Number

Case Type 318310: O&G COMMUNITIZATION AGRMT

160.000

NMNM-- - 136959

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Serial Number: NMNM-- - 136959

Name & Address			Int Rel	% Interest
BLM CARLSBAD FO	620 E GREENE ST	CARLSBAD NM 88220	OFFICE OF RECORD	0.000000000
CIMAREX ENERGY CO	600 N MARIENFELD ST STE 600	MIDLAND TX 797014405	OPERATOR	100.000000000

Serial Number: NMNM-- - 136959

Mer Twp Rng Sec	STyp	SNr Suff Subdivision	District/Field Office	County	Mgmt Agency
23 02505 0260E 013	ALIQ	W2E2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 136959

Act Date	Code	Action	Action Remark	Pending Office
12/22/2015	387	CASE ESTABLISHED		
12/22/2015	516	FORMATION	BONE SPRING	
12/22/2015	526	ACRES-FED INT 100%	160;100%	
12/22/2015	868	EFFECTIVE DATE	/A/	
06/04/2016	654	AGRMT PRODUCING	/1/	
06/04/2016	658	MEMO OF 1ST PROD-ACTUAL	/1/30-015-42777	
04/26/2017	334	AGRMT APPROVED		
04/26/2017	643	PRODUCTION DETERMINATION	/1/	

Serial Number: NMNM-- - 136959

Line Nr	Remarks			
0001	/A/ RECAPITULATION EFFECTIVE 12/22/2015			
0002	TR# LEASE SERIAL NO AC COMMITTED % INTEREST			
0003	1 30445 41543 80.00		50.00	A.R. SCHB 12.590 to 2590
0004	2 30445 26105 80.00		50.00	A.R. 12.590
0005	TOTAL 160.00		100.00	

**Bureau of Land Management  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972**

**Federal 13 Com 8H 3001542777, Federal 13 9H 3001542778, Federal 13 Com 10H 3001542665**

**Cimarex Energy Company of Co  
June 28, 2018**

**Condition of Approval**

**Lease/CA Commingling, off Lease/CA storage, measurement, and sales of production**

1. This approval is subject to like approval by the New Mexico Oil Conservation Division.
2. This agency shall be notified of any spill or discharge as required by NTL-3A.
3. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
4. This approval does not constitute right-of-way approval for any off-lease activities. Within 30 days, an application for right-of-way approval must be submitted to the Realty Section if not already done.
5. Approval for combining production from various sources is a privilege which is granted to lessees for the purpose of aiding conservation and extending the economic life of leases. Applicants should be cognizant that failure to operate in accordance with the provisions outlined in the Authorized Officer's conditions of approval and/or subsequent stipulations or modifications will subject such approval to revocation.
6. Gas measurement for allocation must be measured as per Onshore Order #5 or 43 CFR 3175 and API requirements for sales meters, or as approved in this approval to commingle production.
7. Oil measurement for allocation must be measured as per Onshore Order #4 or 43 CFR 3174 and API requirements for oil measurement, or as approved in this approval to commingle production.
8. All gas and oil subject to royalty shall be measured as per federal regulations and shall be reported to ONRR as required. All gas which is vented, flared or used on lease shall be reported as per 43 CFR 3179 to ONRR. All gas which is vented or flared shall be subject to royalty, unless prior approval was given by the authorized officer. These volumes are royalty bearing and shall be reported on OGOR "B" as disposition code "33" for royalty-bearing flared gas and disposition code 63 for royalty-bearing vented gas.  
**DC 33 = Flared gas – royalty due**  
**DC 63 = Vented gas – royalty due**
9. This agency shall be notified of any change in sales method or location of sales point.
10. Additional wells and/or leases/CAs require additional commingling approvals.
11. Notify this office 24 Hrs. prior to any meter proving to allow time for an inspector to witness.
12. Coriolis meters (CMS) will be proven, as per API, BLM, and NMOCD specifications, when installed, once per month for the first 3 months (to establish a consistent repeatability factor), and then CMS meter proving frequency requirement will be as per applicable BLM regulations, notwithstanding further guidance from the local BLM authorized officer. The factor obtained will be used to allocate the production volumes.

13. This approval does not authorize any by passes around any allocation meter or metering separator, this is to include the use of headers to divert production other production equipment other than the approve measurement points.

**Federal 13 Com 8H 3001542777, COM:NMNM135720 NMNM36508 & NM41645 12.5-25% both are Schedule B 12.5-25%**  
**Federal 13 9H 3001542778, Lease:NMNM41645 Schedule B 12.5%**  
**Federal 13 Com 10H 3001542665 COM:NMNM136959 NMNM26105 is 12.5% & NMNM41645 is Schedule B 12.5 - 25%**

**CA - NMNM135720 Allocation to leases are NMNM36508 - 25% & NM41645 – 75%**  
**CA – NMNM136959 Allocation to leases are NMNM26105 - 50% & NM41645 – 50%**