

RECEIVED: <u>10/20/2017</u>	REVIEWER: <u>MAM</u>	TYPE: <u>CTB</u>	APP NO: <u>DMAM172851279</u>
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: COG Operating LLC **OGRID Number:** _____
Well Name: Firefox Federal #4H **API:** 30-015-41571
Pool: Bone Spring **Pool Code:** 97056

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

CTB-836

1) **TYPE OF APPLICATION:** Check those which apply for [A]

A. Location - Spacing Unit - Simultaneous Dedication

NSL NSP (PROJECT AREA) NSP (PRORATION UNIT) SD

B. Check one only for [I] or [II]

[I] Commingling - Storage - Measurement

DHC CTB PLC PC OLS OLM

[II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

WFX PMX SWD IPI EOR PPR

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2) **NOTIFICATION REQUIRED TO:** Check those which apply.

- A. Offset operators or lease holders
- B. Royalty, overriding royalty owners, revenue owners
- C. Application requires published notice
- D. Notification and/or concurrent approval by SLO
- E. Notification and/or concurrent approval by BLM
- F. Surface owner
- G. For all of the above, proof of notification or publication is attached, and/or,
- H. No notice required

FOR OCD ONLY	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	Application Content Complete

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Amanda L Avery
 Print or Type Name

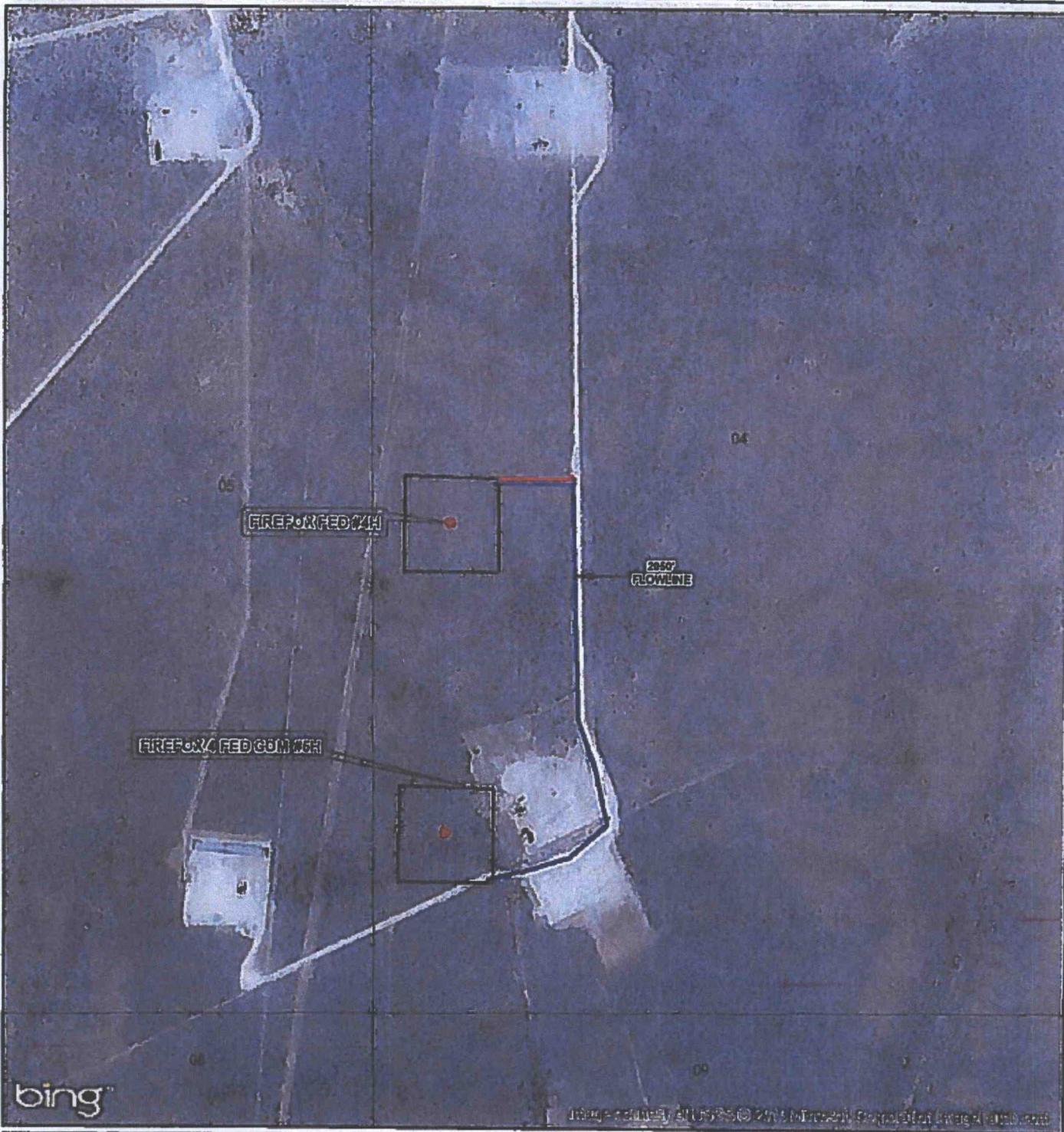
Amanda L Avery
 Signature

10/9/17
 Date

575-748-6962
 Phone Number

aavery@concho.com
 e-mail Address

LOCATION VERIFICATION MAP



SEC. 4, TWP. 19S, RGE 31E
 SURVEY: N.M.P.M.
 COUNTY: EDDY STATE: NEW MEXICO
 DESCRIPTION: FIREFOX FED #4H & 5H
 FLOWLINE: 2050'

OPERATOR: COG OPERATING
 LEASE: FIREFOX FED COM

W.O. # 13-345



- WELL
- WELL PAD
- EXISTING ROAD
- FLOWLINE
- PROPOSED ROAD

HARCROW SURVEYING, LLC
 1107 WATSON, ARTESIA N.M. 88210
 PH: (575) 513-2570 FAX: (575) 746-2158
 chad_harcrow77@yahoo.com



MAP DATE 5/31/2013



October 9, 2017

Michael McMillan
NM Oil Conservation Division
1220 South Saint Francis Drive
Santa Fe, NM 87505

RE: Application for Administrative Approval
Off Lease Measurement, Storage (Oil) and Sales (Gas)

Dear Mr. McMillan

COG Operating LLC respectfully requests approval for off lease measurement, storage and sales of oil and gas and gas commingle only for the following wells:

Firefox Federal Com #4H
API # 30-015-41423
SHL UL L, Sec 4-T19S-R31E
CA# NMNM135752

Firefox 4 Federal Com #5H
API # 30-015-41423
SHL UL M, Sec 4-T19S-R31E
CA# NMNM131512

Lucid gas meter #14105 is located on the Firefox 4 Federal Com #5H battery. Gas from both wells mentioned above will be measured separately at the respective allocation meters prior to entering the line will it will flow to the gas sales meter.

Oil production from the Firefox Federal Com #4H well will be piped to the 5H battery facility will it will be measured separately at the respective allocation meters and stored until sold. Please see site diagram.

Please see the attached Administrative Application Checklist, plats for referenced wells, site facility diagrams, a map with lease boundaries showing well and facility locations and proof of notice to all interest owners.

If you should have any questions, please contact me at (575) 748-6962.

Thank you for your attention to this matter.

Sincerely,

Amanda L Avery
Regulatory Tech

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-B
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: COG Operating LLC

OPERATOR ADDRESS: 2208 W. Main Street, Artesia, NM 88210

APPLICATION TYPE:

Pool Commingling Lease Commingling Pool and Lease Commingling Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: Fee State Federal

Is this an Amendment to existing Order? Yes No If "Yes", please include the appropriate Order No. _____

Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling

Yes No

(A) POOL COMMINGLING

Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes

(2) Are any wells producing at top allowables? Yes No

(3) Has all interest owners been notified by certified mail of the proposed commingling? Yes No.

(4) Measurement type: Metering Other (Specify)

(5) Will commingling decrease the value of production? Yes No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING

Please attach sheets with the following information

(1) Pool Name and Code.

(2) Is all production from same source of supply? Yes No

(3) Has all interest owners been notified by certified mail of the proposed commingling? Yes No

(4) Measurement type: Metering Other (Specify)

(C) POOL and LEASE COMMINGLING

Please attach sheets with the following information

(1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT

Please attached sheets with the following information

(1) Is all production from same source of supply? Yes No

(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)

Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.

(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.

(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Amanda Avery TITLE: Regulatory Tech DATE: 10/9/17

TYPE OR PRINT NAME Amanda Avery TELEPHONE NO.: 575-748-6962

E-MAIL ADDRESS aavery@concho.com

Production Summary Report
API: 30-015-41423
FIREFOX 4 FEDERAL COM #005H
Printed On: Monday, October 09 2017

		Production				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BB LS)	Days P/I
2017	[97056] HACKBERRY;BONE SPRING, NORTH	Feb	190	358	658	28
2017	[97056] HACKBERRY;BONE SPRING, NORTH	Mar	178	424	481	30
2017	[97056] HACKBERRY;BONE SPRING, NORTH	Apr	307	1053	1146	30
2017	[97056] HACKBERRY;BONE SPRING, NORTH	May	307	1053	1146	30
2017	[97056] HACKBERRY;BONE SPRING, NORTH	Jun	635	975	782	30
2017	[97056] HACKBERRY;BONE SPRING, NORTH	Jul	423	1277	619	31

Production Summary Report
API: 30-015-41571
FIREFOX FEDERAL COM #004H
Printed On: Monday, October 09 2017

		Production				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BB LS)	Days P/I
2017	[97056] HACKBERRY;BONE SPRING, NORTH	Feb	516	1042	1147	15
2017	[97056] HACKBERRY;BONE SPRING, NORTH	Mar	1251	2216	4100	30
2017	[97056] HACKBERRY;BONE SPRING, NORTH	Apr	1169	1572	3687	30
2017	[97056] HACKBERRY;BONE SPRING, NORTH	May	1010	1698	3682	31
2017	[97056] HACKBERRY;BONE SPRING, NORTH	Jun	866	1682	3731	30
2017	[97056] HACKBERRY;BONE SPRING, NORTH	Jul	1040	1976	3699	31

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
311 S. First St., Artesia, NM 88210
Phone: (575) 745-1283 Fax: (575) 745-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6173 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

NM OIL CONSERVATION
ARTESIA DISTRICT
State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1,
2011
Submit one copy to appropriate
District Office

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AMENDED REPORT
(As Drilled)

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-41571	² Pool Code 97056	³ Pool Name Hackberry; Bone Spring, North
⁴ Property Code 40045	⁵ Property Name Firefox Federal Com	
⁶ OGRID No. 229137	⁷ Operator Name COG Operating LLC	
		⁸ Well Number 4H
		⁹ Elevation 3568' GR

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	4	19S	31E		1800	South	275	West	Eddy

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	4	19S	31E		1984	South	341	East	Eddy

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16	Lot 4	Lot 3	Lot 2	Lot 1	<p>¹⁷ OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p style="text-align: right;"><i>[Signature]</i> 8/19/15 Signature Date</p> <p>Stormi Davis Printed Name</p> <p>sdavis@concho.com E-mail Address</p>
Producing Area 8987-13310'					
275'	SHL			BHL	<p>¹⁸ SURVEYOR CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p style="text-align: center; font-weight: bold; font-size: 1.2em;">REFER TO ORIGINAL PLAT</p> <p>Certificate Number</p>
1800'				1984'	

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1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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#11 S. First St., Artesia, NM 88210
Phone: (575) 748-1263 Fax: (575) 748-9720
District III
1001 Rio Huerfano Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis
Santa Fe, NM 87505

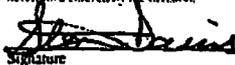
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AUG 29 2013
NMOC D ARTESIA

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-41423		2 Pool Code 97056		3 Pool Name Hackberry; Bone Spring, North					
4 Property Code 39930		5 Property Name Firefox 4 Federal Com					6 Well Number 5H		
7 OGRID No. 229137		8 Operator Name COG Operating LLC					9 Elevation 3555' GR		
10 Surface Location									
UL or lot no. M	Section 4	Township 19S	Range 31E	Lot Idn	Feet from the 670	North/South line South	Feet from the 250	East/West line West	County Eddy
11 Bottom Hole Location If Different From Surface									
UL or lot no. P	Section 4	Township 19S	Range 31E	Lot Idn	Feet from the 416	North/South line South	Feet from the 338	East/West line East	County Eddy
12 Dedicated Acres 160	13 Joint or Infill	14 Consolidation Code	15 Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16	Lot 4	Lot 3	Lot 2	Lot 1	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  Signature 8/28/13 Date Stormi Davis Printed Name sdavis@concho.com E-mail Address
Producing Area 8972-13329'					18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor: REFER TO ORIGINAL PLAT Certificate Number
250'	SHL		470'	BHL	
40'					

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

Run Time: 08:59 AM
Page 14 of 14

Run Date: 10/06/2017

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

Case Type 318310: O&G COMMUNITIZATION AGRMT

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Total Acres
160.000

Serial Number
NMNM-- - 135752

Serial Number: NMNM-- - 135752

Name & Address		Int Rel	% Interest
BLM CARLSBAD FO	620 E GREENE ST	CARLSBAD NM 88220	OFFICE OF RECORD
COG OPERATING LLC	600 W ILLINOIS AVE	MIDLAND TX 797014882	OPERATOR
			0.000000000
			100.000000000

Serial Number: NMNM-- - 135752

Mer Twp	Rng	Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23	0190S	0310E	004	ALIQ	N252;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 135752

Act Date	Code	Action	Action Remark	Pending Office
05/23/2015	387	CASE ESTABLISHED		
05/23/2015	516	FORMATION	BONE SPRING	
05/23/2015	526	ACRES-FED INT 100%	160;100%	
05/23/2015	868	EFFECTIVE DATE	30-015-41571	
07/14/2015	654	AGRMT PRODUCING	/1/	
07/14/2015	658	MEMO OF 1ST PROD-ACTUAL	/1/30-015-41571	
04/13/2016	334	AGRMT APPROVED		
04/13/2016	643	PRODUCTION DETERMINATION	/1/	

Serial Number: NMNM-- - 135752

Line Nr	Remarks
0001	RECAPITULATION EFFECTIVE 05/23/2015
0002	TRACT # LEASE SERIAL # AC COMMITTED PCT INT
0003	1 NMNM105217 40.00 25.00
0004	2 NMLC069033 120.00 75.00
0005	TOTAL 160.00 100.00

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

Run Time: 08:59 AM
Page 13 of 14

Run Date: 10/06/2017

01 02-25-1920;041STAT0437;30USC181
Case Type 318310: O&G COMMUNITIZATION AGRMT
Commodity 410: NATURAL GAS
Case Disposition: AUTHORIZED

Total Acres 160.000
Serial Number NMNM-- - 131512

Serial Number: NMNM-- - 131512

Name & Address			Int Rel	% Interest
BLM CARLSBAD FO	620 E GREENE ST	CARLSBAD NM 88220	OFFICE OF RECORD	0.000000000
COG OPERATING LLC	600 W ILLINOIS AVE	MIDLAND TX 797014882	OPERATOR	100.000000000

Serial Number: NMNM-- - 131512

Mer Twp Rng Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23 01905 0310E 004	ALIQ		S252;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 131512

Act Date	Code	Action	Action Remark	Pending Office
06/01/2013	387	CASE ESTABLISHED	30-015-41423	
06/01/2013	516	FORMATION	BONE SPRING	
06/01/2013	526	ACRES-FED INT 100±	160; 100±	
06/01/2013	868	EFFECTIVE DATE		
08/11/2013	643	PRODUCTION DETERMINATION		
08/11/2013	654	AGRMT PRODUCING		
10/06/2013	658	MEMO OF 1ST PROD-ACTUAL		
01/16/2014	334	AGRMT APPROVED		

Serial Number: NMNM-- - 131512

Line Nr	Remarks			
0001	RECAPITULATION EFFECTIVE 06/01/2013			
0002	TR# LEASE SERIAL#	AC COMMITTED		%INTEREST
0003	1 NM105217	40.00		25.00
0004	2 LC069033	120.00		75.00
0005	TOTAL	160.00		100.00



**RE: Application for Administrative Approval
Off-Lease Measurement, Storage, and Lease Commingle**

Dear Interest Owner:

This letter will serve as notice under OCD Rule 19.15.N.1207 A19.15.12.C4 that COG Operating LLC has requested administrative approval from the Oil and Gas Division in SantaFe, NM for off lease measurement, storage and lease commingling for the following wells.

**Firefox Federal Com #4H
API # 30-015-41423
SHL UL L, Sec 4-T19S-R31E
CA# NMNM135752**

**Firefox 4 Federal Com #5H
API # 30-015-41423
SHL UL M, Sec 4-T19S-R31E
CA# NMNM131512**

Lucid gas meter #14105 is located on the Firefox 4 Federal Com #5H battery. Gas from both wells will be measure separately at the respective allocation meters prior to entering the line where it will flow to the gas sales meter.

Oil production from the Firefox Federal Com #4H is piped to the 5H battery where it will be measured separately at the respective allocation meters and stored until sold.

Should you or your company have an objection to this method of measurement it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may approve of the Off-Lease Measurement Facility if no objection has been made twenty (20) days after the application is received.

Sincerely,

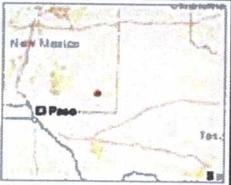
**Amanda Avery
Regulatory Tech**

Enclosures

Date Sent	Initials	Document Type	Well Name	Sent Certified Return Receipt to:	Receipt No.
10/9/2017	aa	OLM/Commingle	Firefox Fed Com #4H	Devon Energy 333 W Sheridan OKC, OK	70171070000097084544
10/9/2017	aa	OLM/Commingle	Firefox Fed Com #4H	McCombs Energy LLC 5599 San Felipe Ste 1200 Houston, TX	70171070000097084551
10/9/2017	aa	OLM/Commingle	Firefox Fed Com #4H	Paul and Patricia Slayton PO Box 2035 Roswell, NM 88202	70171070000097084568
10/9/2017	aa	OLM/Commingle	Firefox Fed Com #4H	Fawn Alcom Pierce 502 Carter Dr Roswell, NM 88203	70171070000097084575
10/9/2017	aa	OLM/Commingle	Firefox Fed Com #4H	Oxy Y-1 Company 5 Greenway Plaza Ste 10 Houston, TX	70171070000097084582
10/9/2017	aa	OLM/Commingle	Firefox Fed Com #4H	EOG Y Resources 105 S Fourth Artesia, NM	70171070000097084599
10/9/2017	aa	OLM/Commingle	Firefox Fed Com #4H	EOG A Resources INC 105 S Fourth Artesia, NM	70171070000097084605
10/9/2017	aa	OLM/Commingle	Firefox Fed Com #4H	EOG M Resources INC 105 S Fourth Artesia, NM	70171070000097084612

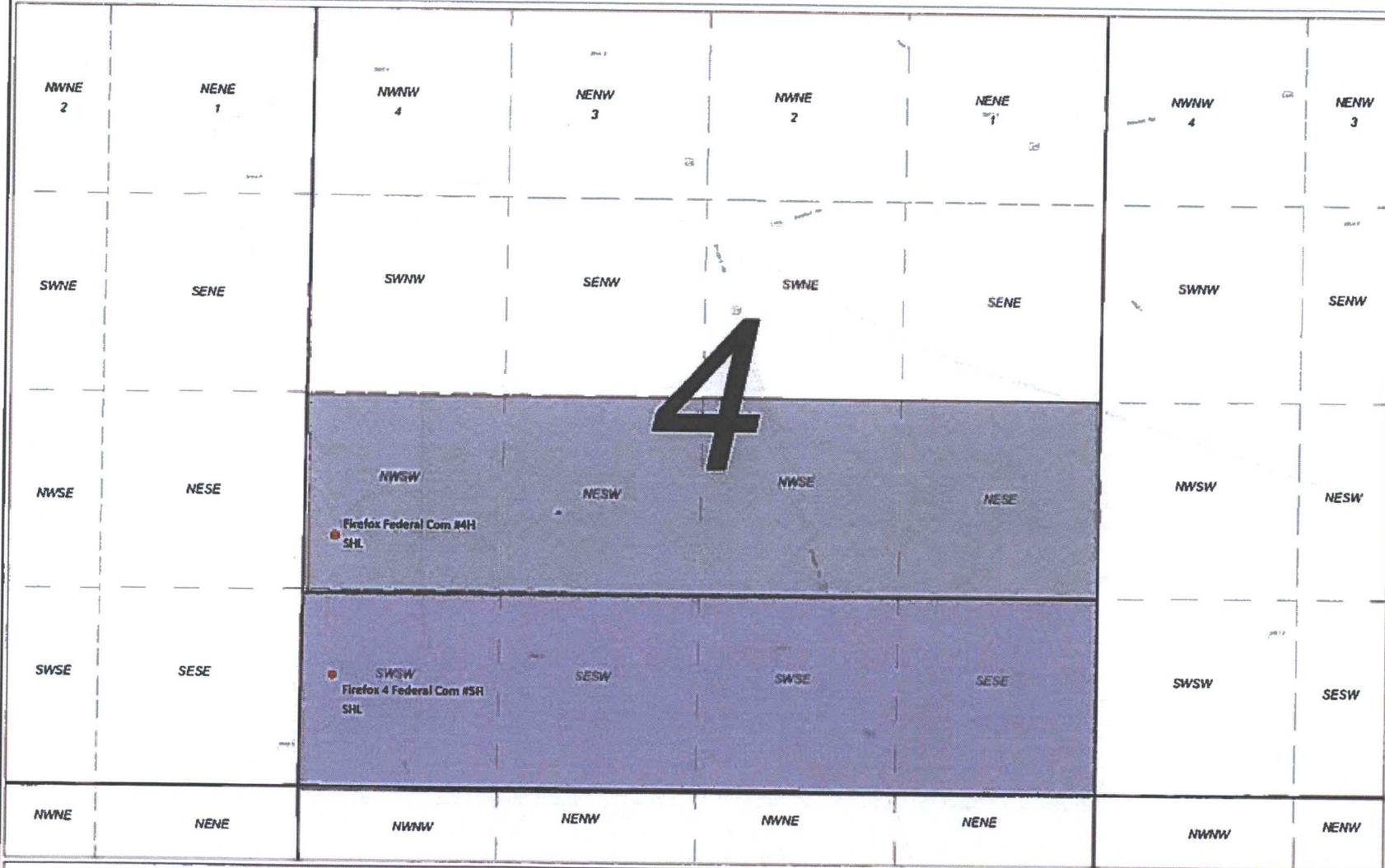


CONCHO



Legend

CANMMN135752
CANMMN131512



WGS_1984_Web_Mercator_Auxiliary_Sphere

Map Scale 1:9,027



Firefox 4 FC/ pH/ Lucid GM

FIREFOX 4 FED COM #0051

Google earth

100 ft



McMillan, Michael, EMNRD

From: Amanda Avery <AAvery@concho.com>
Sent: Thursday, October 19, 2017 8:33 AM
To: McMillan, Michael, EMNRD
Subject: FW: Off lease measurement application
Attachments: Firefox OLM, COMM, OLS application.pdf

Mike,

Per our phone conversation, all interest parties have been notified.

Thanks,

*Amanda L Avery (Amy)
Regulatory Technician
COG Operating LLC
2208 W Main Street
Artesia, NM 88210
575-746-6962*

From: Amanda Avery
Sent: Monday, October 09, 2017 4:10 PM
To: 'michael.mcmillan@state.nm.us'
Subject: Off lease measurement application

Good Afternoon,

Please see attached application for off lease measurement, commingle and off lease storage.

Thank you,

*Amanda L Avery (Amy)
Regulatory Technician
COG Operating LLC
2208 W Main Street
Artesia, NM 88210
575-746-6962*

NOTICE: The information in this email may be confidential and/or privileged. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any review, dissemination or copying of this email and its attachments, if any, or the information contained herein, is prohibited. If you have received this