RECEIVED: 7/7/20	REVIEWER: DM	TYPE: PLC	APP NO: pD	M2019038832
		OIL CONSERVATION & Engineering Buckis Drive, Santa Fe	ON DIVISION reau –	
THIS CHI	ADMINISTRATI ECKLIST IS MANDATORY FOR ALL AD REGULATIONS WHICH REQUIR	VE APPLICATION MINISTRATIVE APPLICATION E PROCESSING AT THE DIVISI	S FOR EXCEPTIONS TO D	DIVISION RULES AND
pplicant: COG Operat	ing, LLC		OGRID	Number: 229137
ell Name: Baseball C	Cap Federal Com 607H, 608H & 707F		API: 30-02	25-45786/30-025-45787/30-025-45790
Red Hill; Bone Spring	g & WC-025 G-09 S253402N, Wolfe	amp	Pool Co	ode: 96434 / 98116
A. Location — NS B. Check one [1] Comm [2] Injection A. Offset one A. Offset one B. Royalty	ATION: Check those which spacing Unit — Simultane is NSP (PROJECT) e only for [1] or [1] ingling — Storage — Meast DHC	eous Dedication (AREA) NSP (PRO SUrement PC OLS ncrease – Enhance IPI EOR se which apply. sers, revenue owners	□OLM ed Oil Recovery □PPR	
E. Notifica F. Surface G. For all o H. No notic CERTIFICATION: administrative a	f the above, proof of no	approval by BLM diffication or publication submit differmation submit differmation the base of the bas	ted with this ap	complete d, and/or, plication for ledge. I also
notifications are	submitted to the Divisio	n. oy an individual with man	agerial and/or superv	
		:	7/7/20 Date	
leanette Barron			Jaie	
Mark and Transport Market				

575-746-6974 Phone Number

jbarron @concho com e-mail Address



July 7, 2020

Attn: Dean McClure NM Oil Conservation Division 1220 South Saint Francis Drive Santa Fe, New Mexico 87505

Re: Application for Administrative Approval of Pool Lease Commingle

Dear Mr. McClure,

COG Operating LLC respectfully requests approval for pool lease commingling for the following wells:

Baseball Cap Federal Com 607H API# 30-025-45786 Red Hills; Bone Spring, North Ut. M, Sec. 25-T24S-R34E Lea County, NM

Baseball Cap Federal Com 707H API# 30-025-45790 WC-025 G-09 S253402N; Wolfcamp Ut. M, Sec. 25-T24S-R34E Lea County, NM Baseball Cap Federal Com 608H API# 30-025-45787 Red Hills; Bone Spring, North Ut. M, Sec. 25-T24S-R34E Lea County, NM

Oil Production:

The oil production from all wells will be measured separately by allocation meter prior to being commingled at the Central Tank Battery located in Unit M, Section 25-T24S-R34E. In the event the CTB is over capacity or in the case of battery or pipeline repairs the oil production from these wells may be transported by truck to either the Red Hills Offload Station, located in Unit O, section 4-T26S-R32E, or the Jal Offload Station, located in Unit D, Section 4-T26S-R37E, Lea County. In this case, the oil will remain segregated and will be measured by lact meter when offloading at said stations.

The Baseball Cap wells have identical ownership in identical percentages, therefore, no owner notification is required. A letter from the responsible COG landman stating this fact is enclosed with this application.

Gas Production:

The gas production from all wells will be measured separately by allocation meter prior to being commingled and entering a gas flow line to the gas custody transfer meter at the Central Tank Battery located in M, Section 25-T24S-R34E. The Targa gas sales meter # 161001233.

CORPORATE ADDRESS

One Corono Center | 600 West Illinois Avenue | Midland, Texas 7970 **P** 432 683 7443 | **F** 432 663 7441

ARTESIA WEST OFFICE

2208 Main Street | Artesia, New Mexico 88210 | P 575,748 6940 | P 575 746,2096



Please see the enclosed Administrative Application Checklist, C-107B Application for Pool Lease Commingling, plats for referenced wells, site facility diagram, maps with lease boundaries showing wells and facility locations, and communization agreement application.

Thank you for your attention to this matter.

Sincerely,

Jeanette Barron

Regulatory Technician II

Received by OCD: 7/7/2020 3:02:15 PM

<u>District I</u> 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.

	N FOR SURFACE	COMMINGLING	G (DIVERSE	OWNERSHIP)	
	Operating LLC				
	W Main Street, Artesia, N	New Mexico 88210			
APPLICATION TYPE:					
☐ Pool Commingling ☐ Lease Commi	ngling Pool and Lease Co	mmingling Off-Lease	Storage and Measur	rement (Only if not Surfac	e Commingled)
LEASE TYPE:	☐ State ☐ Fede		44000		
Is this an Amendment to existing O	rder? Yes No If	"Yes", please include	the appropriate C	Order No.	
Have the Bureau of Land Managem ☐Yes ☐No	ent (BLM) and State Land	d office (SLO) been no	tified in writing	of the proposed comm	ingling
		OL COMMINGLIN ts with the following in		-	
(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
Red Hills; Bone Spring, North 96434	42.5/ BTU 1397	42.5 / BTU 1383			
WC-25 G-09 S253402N; Wolfcamp 981	16 42.5/ BTU 1352				
		1			
		1			
		1			
(B) LEASE COMMINGLING Please attach sheets with the following information (1) Pool Name and Code.					
(2) Is all production from same source of supply?					
(C) POOL and LEASE COMMINGLING Please attach sheets with the following information					
(1) Complete Sections A and E.			- Interior		· · · · · · · · · · · · · · · · · · ·
	(D) OFF-LEASE ST				
(1) Is all production from same source		ts with the following i	intormation		
(2) Include proof of notice to all intere		v			
				<u> </u>	
(E)	ADDITIONAL INFO Please attach sheets	RMATION (for all swith the following in		pes)	
(1) A schematic diagram of facility, in					
(2) A plat with lease boundaries showi(3) Lease Names, Lease and Well Nun		ons. Include lease numbe	rs if Federal or Sta	te lands are involved.	
I hereby certify that the information above	e is true and complete to the	best of my knowledge and	1 belief.		
SIGNATURE: Handle Bon	101 п	TLE: Regulatory Technic	ian II	_date/ <u>7/20</u>	
TYPE OR PRINT NAME Jeanette Barron TELEPHONE NO.: <u>575.748.6974</u>					
E-MAIL ADDRESS: jbarron@concho.c	<u>com</u>				

DISTRICT I

DISTRICT III 000 RIO BRAZOS RD., AZTEC, NM 87410 home: (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

API Number

30-025-45786 96434 Red Hills; Bone Spring, North Property Code Property Name Well Number 319803 BASEBALL CAP FEDERAL COM 607H OGRID No. Operator Name Elevation COG OPERATING, LLC 229137 3422.6 Surface Location UL or lot No. Section Township Lot Idn Feet from the Range North/South line Feet from the East/West line County 25 24-S 34-E 340 SOUTH 1030 WEST LEA Bottom Hole Location If Different From Surface UL or lot No. Section Lot Idn Feet from the Township Range North/South line Feet from the East/West line County D 24 24 - S34-E 226 **NORTH** 954 WEST LEA Dedicated Acres Joint or Infill Consolidation Code Order No. 320 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 SEE PAGE 2 PAGE 1 OF 2 W.O. # 20-158 DRAWN BY: WN

State of New Mexico

DIVISION

Pool Name

Form C-102

Revised August 1, 2011

District Office

MAMENDED REPORT
As Drilled

Submit one copy to appropriate

Energy, Minerals & Natural Resources Department

1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

CONSERVATION

Pool Code

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Property Code 319803	1	Property Name CAP FEDERAL COM	Well Number
0GRID No.		607H Elevation	
229137		PERATING, LLC	3422.6'
l	LOWER PERF — 22,130' 470' FNL & 968' FWL	NAD 83 NME PROPOSED BOTTOM HOLE LOCATION Y=441181.2 N X=820999.7 E LAT.=32.209650' N LONG.=103.429115' W	
			SURFACE INFO AND BOREPATH SHOWN HERBON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE BASEBALL CAP FEDERAL COM \$607H SUPPLIED TO HARCROW SURVEYING, LLC ON JANUARY 27, 2020
		SECTION 24 SECTION 25	SCALE: 1"=1200' OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organisation 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 pursuent to a contract with an owner of such mineral or working interest, or to a voluntary pooling egreement or a compulsory pooling order heretofore entered by the division. January Boules Date
	UPPER PERF — 12,888° / 883' FSL & 908' FWL		Jeanette Barron Printed Name jbarron@concho.com E-mail Address 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. MAR. 8, 2018/JULY 24, 2019 Date of Survey/Date of Geographic Survey Signature & Seal of Professional Surveyor NEA. MEA.
1030'	KICK OFF POINT - 12,101'	NAD 83 NME SURFACE LOCATION Y=431170.5 N X=821146.7 E LAT.=32.182132 N LONG.=103.428912 W	Continue MEXICO 80 AND 1/29/20 Certificate No. CHAD HARCROW 17777

DISTRICT I 1525 N. FRENCH DR., HOBBS, NM 85240 Phone: (576) 393-6161 Fax: (576) 392-0720

DISTRICT II 811 S. FIRST ST., ARTESIA, NM 88210 Phone: (575) 748-1263 Fax: (575) 748-8720

DISTRICT III 1000 RIO BRAZOS RD., AZTEC, NM 67410 Phone: (605) 334-6178 Fax: (506) 334-6170

DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FE, NM 67605 Phone: (505) 476-3460 Fax: (505) 476-3462

API Number

30-025-45787

Property Code

OIL

96434

Received by OCD: 7/7/2020 3:02:15 PM

BASEBALL CAP FEDERAL COM 319803 608H OGRID No. Operator Name Elevation COG OPERATING, LLC 229137 3423.8 Surface Location UL or lot No. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County М 25 24-S 34-E 340 SOUTH 970 WEST LEA Bottom Hole Location If Different From Surface UL or lot No. Section Lot Idn Township Range Feet from the North/South line Feet from the East/West line County D 24 24-S 34-E 195 **NORTH** 301 WEST LEA Dedicated Acres Joint or Infill Consolidation Code Order No. 320 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 SEE PAGE 2 PAGE 1 OF 2 W.O. # 20-159 DRAWN BY: WN

State of New Mexico

CONSERVATION DIVISION

Form C-102

Revised August 1, 2011

District Office

☐ AMENDED REPORT

Submit one copy to appropriate

Well Number

Pool Name

RED HILLS; BONE SPRING, NORTH

Energy, Minerals & Natural Resources Department

1220 SOUTH ST. FRANCIS DR.

Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

Property Name

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roperty Code	Property Name BASEBALL CAP FEDERAL COM	Well Number
OGRID No.	Operator Name	608H Elevation
	COG OPERATING, LLC	3423.8'
	NAD 83 NME PROPOSED BOTTOM HOLE LOCATION Y=441206.70 N X=820346.8 E LAT.=32.209734* N LONG.=103.431225* W	
DRILL PATH	IS BASED PROVIDED	NFO AND BOREPATH SHOWN HEREO ON DIRECTIONAL SURVEY REPORT BY COG OPERATING, LLC FOR THE CAD FERENI COM ACCUSTICION IN
	SECTION 24 SECTION 25 SECTION 25 OPF I h herein is my know organisati or unleas including or has a location j owner of or to a v compulso by she di	CAP FEDERAL COM SCIGH SUPPLIES O SCALE: 1"=1200' CRATOR CERTIFICATION ereby certify that the information true and complete to the best of ledge and belief, and that this lon either owns a working interest ed mineral interest in the land the proposed bottom hole location right to drill this well at this soursuant to a contract with an such mineral or working interest of underly pooling agreement or a ry pooling order heretofore enter- vision.
	Jeane Printed	ette Barron Name
	MAR. 8	Survey/Date of Geographic Survey & Seal of Professional Survey HARCAO MEXICO

DISTRICT III 1000 RIO BRAZOS RD., AZTEC, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FE, NM 67505 Phone: (505) 476-3460 Fax: (505) 476-3462

			WELL LO	<u>CATION</u>	AND ACREA	AGE DEDICATI	ON PLAT		
30-025-45	Number 5790		98116 WC-025 G-09 S253402N; WOLFCAMP				-		
219803	Code		Property Name Well Number						
0GRID No		BASEBALL CAP FEDERAL COM 707H							
229137	, .			CO	Operator Nam G OPERATIN			Elevation 3423.	
					Surface Loc			0 120.	
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
M	25	24-S	34-E		340	SOUTH	1000	WEST	LEA
			Bottom	Hole Lo	cation If Diffe	rent From Sur	face		
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	24	24-S	34-E		202	NORTH	431	WEST	LEA
Dedicated Acres	Joint o	or Infill Co	nsolidation	Code Or	der No.		<u> </u>		
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L							W.O. # 20-	161 DRAWN	BY: WN

DISTRICT I
1625 N. FRENCE DR., HOBBS, NW 88240
Phone: (676) 323-0101 Fan: (675) 293-0720

State of New Mexico
Energy, Minerals & Natural Resources Department
DISTRICT II
011 S. FIRST ST., ARTESIA, NM 88210
Phone: (876) 748-1283 Fax: (675) 748-1283 Fax: (675) 748-1283 DR.

State of New Mexico

1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

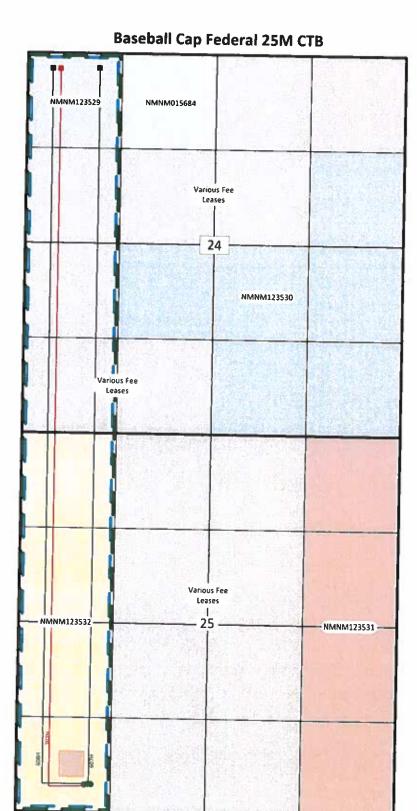
Form C-102 Revised August 1, 2011

District Office

CX AMENDED REPORT

Submit one copy to appropriate

Property Code	Property Nam BASEBALL CAP FE		Well Number 707H
OGRID No.	Operator Nam COG OPERATIN	ne	Elevation 3423.0'
202' 431' 8 B.H. LOWER 449' FR	NAD 83 NME PROPOSED BOTTOM HOLE LOCATION Y=441200.0 N X=820477.1 E LAT.=32.209714' N LONG.=103.430804' W		3+23.0
АТН			
DRILL PATH		IS BASED ON DE PROVIDED BY COMMENT OF LARCE OF SE 2020	AND BOREPATH SHOWN HERRO IRRECTIONAL SURVEY REPORT OG OPERATING, LIC FOR THE FEDERAL COM #707H SUPPLIE. IRVEYING, LIC ON JANUARY 2. O 1 CALE: 1"=1200'
		SECTION 24 SECTION 25 SECTION 25 SECTION 26 SECTION 27	FOR CERTIFICATION of certify that the information and complete to the best and complete to the best and that this either owns a working interest in the land proposed bottom hole location to drill this well at this that to a contract with an mineral or working interestary pooling agreement or a coling order heretofore enterest.
	-	E-mail Addre	concho.com
		mar my superfrue and correct MAR. 8, 2 Date of Surver Signature & S	certify that the well location plat was plotted from field is surveys made by me or exvision, and that the same of to the best of my belief to 18/AUG. 18, 2019 by/Date of Geographic Survey D. HARCRO
\ \ \ \ \ \ \ \ \ \ \ \ \	PERF - 13,079' EL & 535' FWL		ESSIONA 1/30/ CHAD HARCROW 177

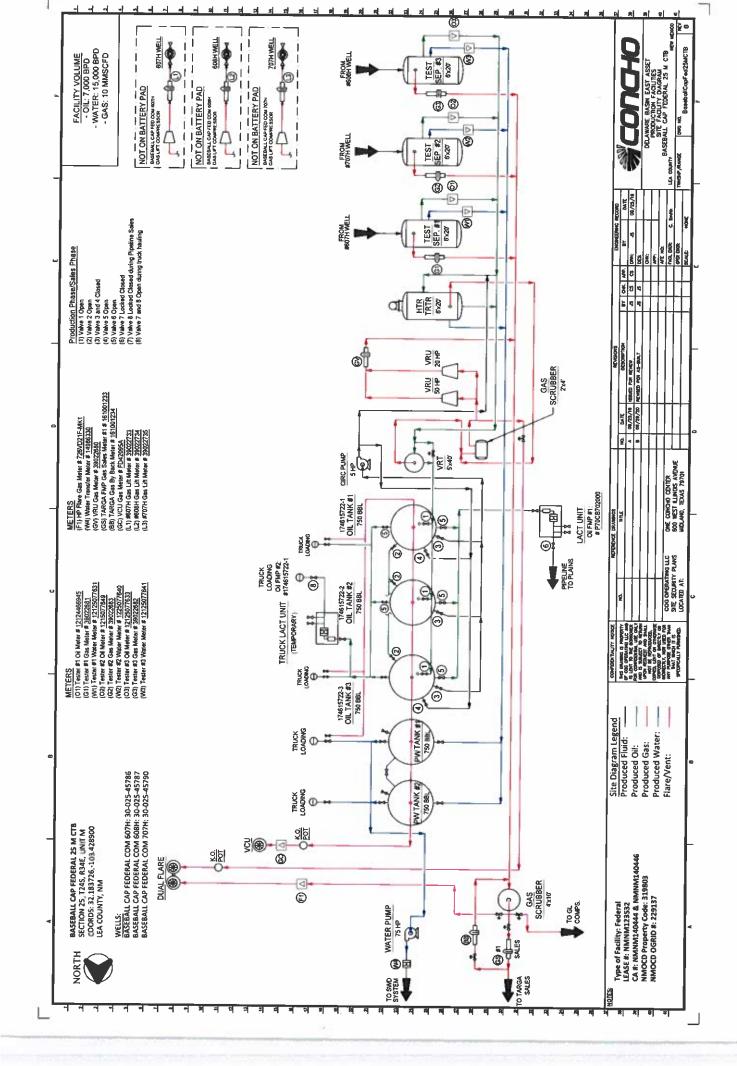


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WCA SHL

BS CA/Pooling NMNM140444
Wolfcamp CA/Pooling NMNM14044

Sec. 24, 25, 36-T24S-R34E Lea County, NM



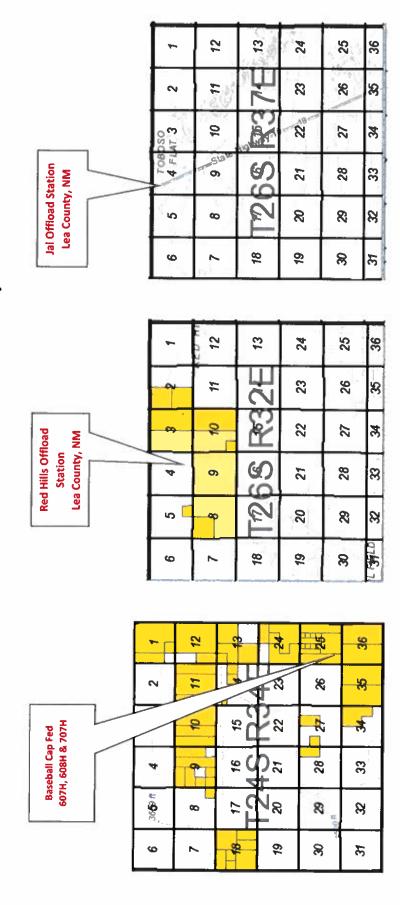
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Baseball Cap Federal 607H, 608H & 707H

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Red Hills and Jal Offload Station Map





Matt Solomon Staff Landman

May 28, 2020

RE: Off-Lease Measurement For Baseball Cap Federal Com 607H, 608H, and 707H wells

To Whom It Concerns:

My name is Matt Solomon, and I am the landman that oversees the Baseball Cap Federal Com wells for COG Operating LLC ("Concho").

Regarding the Baseball Cap Federal Com 607H, 608H, and 707H wells the following statements are true:

- 1) The revenue owners are identical as defined in NMAC 19.15.12.7.B.
- The leases or pools have the same working, royalty and overriding royalty owners in exactly the same percentages.

Respectfully submitted,

Matt Solomon - CPL, J.D. Staff Landman

432-685-4352 (o) 832-544-9492 (c)

msolomon@concho.com

COMMUNITIZATION AGREEMENT

Contract N	o

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

WITNESSETH:

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

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

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

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

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

Township 24 South, Range 34 East, N.M.P.M.

Section 24: W/2 W/2

Section 25: W/2 W/2

Lea County, New Mexico

Containing 320 acres, and this agreement shall include only the **Bone Spring Formation** underlying said lands and the natural gas, the crude oil and the associated natural gas, hereinafter, referred to as "communitized substances", producible from such formation(s).

- 2. Attached hereto, and made a part of this agreement for all purposes, is Exhibit 8, designating the operator of the communitized area and showing the acreage, percentage, depths communitized and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.
- 3. All matters of operation shall be governed by the operator under and pursuant to the

terms and provisions of this agreement. A successor operator may be designated by the owners of the working interest in the communitized area, and three (3) executed copies of a designation of successor operator shall be filed with the Authorized Officer.

- 4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas regulations.
- 5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced therefrom shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement.

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

- 6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
- 7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.
- 8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.
- 9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall

be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders rules or regulations.

- The effective date of this agreement is August 1, 2019, and it shall become effective 10. as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representative, and shall remain in force and effect for a period of 2 years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The 2-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.
- 11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
- 12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and assure that no avoidable loss of hydrocarbons occurs in which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.
- 13. This agreement shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, executors, administrators, successors, and assigns.
- 14. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument, in writing, specifically referring hereto, and shall be binding upon all parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document.
- 15. <u>Nondiscrimination:</u> In connection with the performance of work under this agreement, the operator agrees to comply with all of the provisions of Section 202(1) to (7) inclusive, of Executive Order 11246 (30 F.R. 12319), as amended, which are hereby incorporated by reference in this agreement.

Received by OCD: 7/7/2020 3:02:15 PM

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

OPERATOR:

COG OPERATING LLC

Bv:

Sean Johnson

Attorney-in-Fact

141

ACKNOWLEDGEMENT

STATE OF TEXAS

5

5

COUNTY OF MIDLAND

Date: 6/27/19

ş

Laura R Reyna
Notary Public, State of Texas
Notary ID 199645-1
My Commission Exp. 02-14-2023

My Commission Expires

Notary Public in and for the State of Texas

WORKING INTEREST OWNERS AND/OR LESSEES OF RECORD:

	COG OPERATING LLC
Date: 6/27/19	By:
Date.	Sean Johnson
	A SK
	Attorney-in-Fact
	CONCHO OIL & SAS, LLC
, ,	
Date: 1, 2, 7 / 19	By:
	Sean Johnson
	Attorney-in-Fact
	BRADLEY S. BATES
Date:	Ву:
	Name:
	Title:
	EOG RESOURCES, INC.
	(Successor by Merger to EOG Y Resources, Inc
	EOG A Resources, Inc., and
	EOG M Resources, Inc.)
Date:	By:
	Name:
	Title:
	ENERGEN RESOURCES CORPORATION
Date:	By:
Oate.	Name:
	Title:
	COMMERCE FIRST ROYALTIES, LLC
Date:	Ву:
	Name:
	Title:

ACKNOWLEDGEMENTS

STATE OF TEXAS	5 6	
COUNTY OF MIDLAND	5	D
The foregoing instrument w	vas acknowledged before me on the $Z\!$	day of, 2019, by Sean
Johnson, as Attorney-In-Fact	t of COG OPERATING LLC, a Delaware limi	ted liability company, on behalf of said limited liability company.
	Laura R Reyna Notary Public, State of Texas Notary ID 199845-1 My Commission Eq. 02-14-2023	NOTARY PUBLIC in and for the State of Texas
STATE OF TEXAS	5	
COUNTY OF MIDLAND	§ §	<i>y</i>
The foregoing instrument w	vas acknowledged before me on the $oldsymbol{\mathcal{L}}$	2 ⁴¹ day of June 2019, by Sean
Johnson, as Attorney-In-Fact	t of CONCHO OIL & GAS, LLC, a Texas limit	ed liability company, on behalf of said limited liability company.
	Laura R Reyma Notary Public, State of Texas Notary ID 199845-1 My Commission Exp. 02-14-2023	NOTARY PUBLIC in and for the State of Texas
STATE OF	**********	
COUNTY OF	§	
This instrument was acknow	viedged before me on the day of	, 2019, by BRADLEY S. BATES.
		NOTARY PUBLIC in and for the State of
STATE OF	§	
COUNTY OF	5 §	
This instrument was acknow	rledged before me on the day of	, 2019, by
		or by Merger to EOG Y Resources, Inc., EOG A Resources, Inc.,
EOG M Resources, Inc.) a		on behalf of said
		NOTARY PUBLIC in and for the State of

Received by OCD: 7/7/2020 3:02:15 PM

WORKING INTEREST OWNERS AND/OR LESSEES OF RECORD:

	COG OPERATING LLC
Date:	Ву:
	Mark A. Carter-
	Attorney-in-Fact
	Attorney in ract
	CONCHO OIL & GAS, LLC
Data	0
Date:	Ву:
	Mark A. Carter.
	Attorney-in-Fact
Date: Bradley S. Bates, President 202 Crude, LLC, General Partner of Muleshoe Crude, LP	BRADIEN SCHOOL P By: Chublille
202 Crude, LLC, General Partner	Name: 12-ADLE 5 SATES
of Muleshoe Crude, LP	Title
	Title: 000 mg a & fresiclent of 202 and U.C. General forther of Muleshol Crule LP
	4. Genedol fasher of Muleshol Crule LP
	YATES PETROLEUM CORPORATION
Date:	Ву:
	Name:
	Title:
	EOG-A RESOURCES, INC.
Date:	Ву:
	Name:
	Title:
	COC NA DECOUDERS INC
	EOG-M RESOURCES, INC.
Date:	Ву:
	Name:
	Title:
	ENERGEN RESOURCES CORPORATION
Date:	Ву:
	Name:
	Title:
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Received by OCD: 7/7/2020 3:02:15 PM

ACKNOWLEDGEMENTS

STATE OF TEXAS	§ 6		
COUNTY OF MIDLAND	§		
The foregoing instrument	was acknowledged before me on the	day of	2018, by Mark A.
Carter, as Attorney-In-Fac	t of COG OPERATING LLC, a Delaware	limited liability company, on behalf of said limited	liability company.
		NOTARY PUBLIC in and for the State	of Texas
STATE OF TEXAS	§ §		
COUNTY OF MIDLAND	5		
The foregoing instrument	was acknowledged before me on the	day of	2018, by Mark A.
Carter, as Attorney-In-Fac	t of CONCHO OIL & GAS, LLC, a Texas	limited liability company, on behalf of said limited I	iability company.
		NOTARY PUBLIC in and for the State	of Texas
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COUNTY OF Midlan	/ §	M. res	ccors Consel
This instrument was acknown	owledged before me on the	Jay of September 2018, by BRADE of Mules how Cule LP as the Month of the State of NOTARY PUBLIC in and for the State of	EY S. BATES,
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		NOTARY PUBLIC in and for the State o	1 JEKAS
STATE OF	ROBERT WILLIAM KELTON III Motary Public, State of Texas		
	My Commission Expires		
COUNTY OF	⁵ September 14, 2021		
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CURPURATION, a	, ◊	n behalf of said	· · · · · · · · · · · · · · · · · · ·
		NOTARY PUBLIC in and for the State of	

WORKING INTEREST OWNERS AND/OR LESSEES OF RECORD:

	COG OPERATING LLC
Date:	Ву:
	Mark A. Carter-
	Attorney-in-Fact
	CONCHO OIL & GAS, LLC
Date:	Ву:
	Mark A. Carter-
	Attorney-in-Fact
	BRADLEY S. BATES
Date:	Ву:
	Name:
	Title:
	EOG RESOURCES, INC.
	(Successor by Merger to EOG Y Resources, Inc.
	EOG A Resources, Inc., and
	EOG M Resources, Inc.)
	11 15 11
Date:	By: Wandy Dalta as
	Name:
	Title:
	ENERGEN RESOURCES CORPORATION
Date:	Ву:
	Name:
	Title:
	COMMERCE FIRST ROYALTIES, LLC
Date:	Ву:
	Name:
	Title:

ACKNOWLEDGEMENTS

STATE OF TEXAS	§ §		
COUNTY OF MIDLAND	\$		
The foregoing instrument w	as acknowledged before me on the	_ day o	f, 2019, by Mark A.
Carter, as Attorney-in-Fact (of COG OPERATING LLC, a Delaware limited	i liability	company, on behalf of said limited flability company.
			NOTARY PUBLIC in and for the State of Texas
STATE OF TEXAS	5		
COUNTY OF MIDLAND	9 9		
The foregoing instrument w	as acknowledged before me on the	day of	
Carter, as Attorney-In-Fact of	of CONCHO OIL & GAS, LLC, a Texas limited	liability	company, on behalf of said limited liability company.
			NOTARY PUBLIC in and for the State of Texas
			MOTARY PODLIC III and for the State of Texas
STATE OF	5		
COUNTY OF	5 5		
			, 2019, by BRADLEY S. BATES.
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		N	OTARY PUBLIC in and for the State of
STATE OF TEXAS COUNTY OF Midland	5 5 5		NI .
This instrument was acknow	rledged before me on the $rac{1}{2}$ day of $_$	N	2019, by
			rger to EOG Y Resources, Inc., EOG A Resources, Inc.,
EOG M Resources, Inc.) a 1	relawage Comparation,	on behal	for said Corporation
68	KIMBERLY M SMITH Notary ID #129820041	K	otary public in and for the State of Texas
	My Commission Expires May 21, 2022		

WORKING INTEREST OWNERS AND/OR LESSEES OF RECORD:

	COG OPERATING LLC
Date:	Ву:
	Mark A. Carter
	Attorney-in-Fact
	CONCHO OIL & GAS, LLC
Date:	Ву:
	Mark A. Carter.
	Attorney-in-Fact
	BRADLEY S. BATES
Date:	Ву:
	Name:
	Title:
	EOG RESOURCES, INC.
	(Successor by Merger to EOG Y Resources, Inc.,
	EOG A Resources, Inc., and
	EOG M Resources, Inc.)
Date:	Ву:
	Name:
	Title:
	ENERGEN RESOURCES CORPORATION
Date:	By: Bout Hantour
Date.	Name: Tom F Hawkins
	Title: Senior Vice President - Land
	The state of the s
	COMMERCE FIRST ROYALTIES, LLC
Date:	Ву:
	Name:
	Title:

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COUNTY OF This Instrument was	§ _ §	before me	on the _	day	of		, 2019,	by
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Date: 5-8-19	COMMERCE FIRST BOYALTIES, LLC By: Name: Smith Title: President
Date:	MECO IV, LLC By: Name: Title:
Date:	OXY Y-1 By: Name: Title:
NON-PARTICIPATING	S ROYALTY OWNERS
Date:	By: Name: Title:
Oate:	NESTEGG ENERGY CORPORATION By: Name: Title:
Date:	By: Name: Title:

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		on behalf of s	aid		··		
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		, on behalf of	said		·		
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	ly Commission Ex July 15, 2019	a.		NOTARY PUBL	IC in and for th	e State of /E	KIS

	Ву:
	Name:
	Title:
Date: 9/3/18	MECO IV, LLC By:
The Property of the Property o	Name:
	OXY Y-1
Date:	Ву:
	Name:
	Title:
NON-PART	TICIPATING ROYALTY OWNERS
	EG3, INC.
Date:	Ву:
Date:	Name:
Date:	By: Name: Title:
Date:	Name:
Date:	Name: Title: NESTEGG ENERGY CORPORATION
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COMMERCE FIRST ROYALTIES, LLC

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This instrument wa	s acknowledged			day of		2018,
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This instrument was	s acknowledged			day of		
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				NOTARY PUBLIC in	and for the State of _	
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COUNTY OF	§					
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CORPORATION, a			on behalf	of said		
CORPORATION, a			on behalf	of said		<u>_</u> ·

	COMMERCE FIRST ROYALTIES, LLC
Date:	Ву:
	Name:
	Title:
	MECO IV, LLC
Date:	Ву:
	Name:
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	OXY Y-1
Date:	Ву:
	Name:
	Title:
	EG3, INC.
Date:	Ву:
· · · · · · · · · · · · · · · · · · ·	Name:
	Title:
	NECTEC CHERCY CORROBATION
Date: 11/2/2018	NESTEGG ENERGY CORPORATION
	By: Roya Miller
	By: Rays Miller Title: President
Date:	By: Rays M. Her Title: President ALLAR DEVELOPMENT, LLC
Date:	By:
Date:	By: Rays M. Her Title: President ALLAR DEVELOPMENT, LLC

Date:	Ву:
	Name:
	Title:
	MECO IV, LLC
Date:	Ву:
	Name:
	Title:
	OXY Y-1
Date:	BY SUBJECT TO NIMOCY COMPLIES
	Name: PONING DENER R-2012
	Title:
NON-PA	ARTICIPATING ROYALTY OWNERS
	EG3, INC.
Date: September 11, 2018	By: Thereof
	Name: John Chiles Graham
	Title: Vice President
	NESTEGG ENERGY CORPORATION
Date:	Ву:
	Name:
	Title:
	ALLAR DEVELOPMENT, LLC
Date: September 11, 2018	By: Much
	Name: John Chiles Graham
	Title: President

COMMERCE FIRST ROYALTIES, LLC

STATE OF	. 5											
COUNTY OF	. 9 . 9											
This instrument was	acknowledged	before	me on	the		_ day	of				2018,	by
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*******		, on beha	If of said _			•			•			
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Texas corporation		on behal	of said _	co	rporatio	ก				Ť	·	
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CORPORATION, a				on ben	rait Of Sai	a					- '	
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						NOTARY	PUBLIC	in and for	the State	of		

EXHIBIT "A"

Plat of communitized area covering the W/2W/2 of Section 24 & W/2W/2 of Section 25, T24S – R34E, N.M.P.M.,

Lea County, New Mexico

Communitized depths are hereby limited to the Bone Spring Formation

Baseball Cap Federal Com W2W2

Tract 1: USA NM 123529

Tract 2: USA NM 123532

Tract 3: FEE LEASES



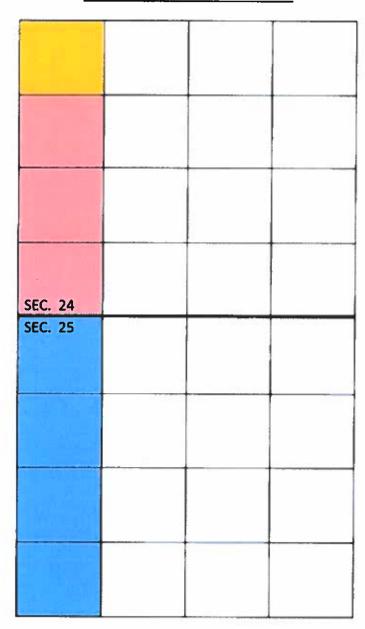


EXHIBIT "B"

Attached to and made a part of that Communitization Agreement dated October 1, 2018 covering the W/2W/2 of Section 24 and the W/2W/2 of Section 25, T245 - R34E, N.M.P.M., Lea County, New Mexico Communitized depths are hereby limited to the Bone Spring Formation (Red Hills: Bone Spring, N; Pool Code 96434)

Operator of Communitized Area: COG Operating LLC

DESCRIPTION OF LEASES COMMITTED:

TRACT 1:

Lease Date:

August 25, 2009, Effective September 1, 2009

Lease Term:

Ten (10) Years

Recordation:

Not Recorded

Lessor:

USA NM 123529

Original Lessee:

John A. Yates

Current Lessee:

EOG A Resources, Inc. EOG M Resources, Inc.

EOG Y Resources, Inc. OXY Y-1 Company

Description of Land Committed:

Insofar only as said lease covers:

Township 24 South, Range 34 East

Section 24: NW/4NW/4 Lea County, New Mexico

Number of Acres:

40

Royalty Rate:

1/8

WI Owner Names and Interests:

EOG A Resources, Inc.

20.00%

EOG M Resources, Inc.

20.00%

EOG Y Resources, Inc.

40.00% 20.00%

OXY Y-1 Company

Of Record

TRACT 2:

ORRI Owners:

Lease Date:

August 25, 2009, Effective September 1, 2009

Lease Term:

Ten (10) Years

Recordation:

Not Recorded

Lessor:

USA NM 123532

Original Lessee:

The Allar Company

Current Lessee:

COG Operating LLC

Description of Land Committed:

Concho Oil & Gas, LLC Insofar only as said lease covers:

Township 24 South, Range 34 East

Section 25: W2W2

Lea County, New Mexico

Number of Acres:

160

Royalty Rate:

1/4

WI Owner Names and Interests:

COG Operating LLC

97.50% 2.50%

Concho Oil and Gas, LLC

ORRI Owners:

Of Record

TRACT 3:

Lease Date: January 15, 2015
Lease Terms: Six (6) Years

Recordation: Book 2128, Page 45

Lessor: AE&J Royalties, LLC, A New Mexico LLC

Original Lessee: Endeavor Energy Resources, LP

Current Lessee: COG Operating LLC Concho Oil & Gas, LLC

MECO IV, LLC Bradley S. Bates

Description of Land Committed: Insofar only as said lease covers:

Township 24 South, Range 34 East Section 24: SW/4NW/4, W/2SW/4

Lea County, New Mexico

Number of Acres: 120 Royalty Rate: 1/5

WI Owners Names and Interests: COG Operating LLC 69.49%

Concho Oil & Gas, LLC 23.16% MECO IV, LLC 2.25% Bradley S. Bates 5.10%

ORRI Owners: Of Record

Lease Date:September 7, 2016Lease Terms:Three (3) YearsRecordation:Book 2069, Page 728

Lessor: Daniel P. Schuman and Vida K. Schuman, Trustees of the Daniel P. Schuman

and Vida K. Schuman Revocable Trust dated 4-15-2014

Original Lessee: MidCon Land Services, LLC
Current Lessee: Energen Resources Corporation
Description of Land Committed: Insofar only as said lease covers:

Description of Land Committed: Insofar only as said lease covers:

Township 24 South, Range 34 East

Section 24: SW/4NW/4, W/2SW/4 Lea County, New Mexico

Number of Acres: 120 Royalty Rate: 1/5

WI Owners Names and Interests: Energen Resources Corporation 100%

ORRI Owners: Of Record

Lease Date:	September 7, 1016
Lease Term:	Three (3) Years
Recordation:	Book 2069, Page 738
Lessor:	Marc Schuman

Original Lessee: MidCon Land Services, LLC

Current Lessee: Energen Resources Corporation

Description of Land Committed: Insofar only as said lease covers:

Township 24 South, Range 34 East
Section 24: SW/4NW/4, W/2SW/4

Lea County, New Mexico

Number of Acres: 120 Royalty Rate: 1/5

WI Owners Names and Interests: Energen Resources Corporation 100%

ORRI Owners: Of Record

Lease Date:September 2, 1016Lease Term:Three (3) YearsRecordation:Book 2069, Page 743

Lessor: Charlotte W. Schuman and Karlyn S. Doyle, Co-Trustees of the

Charlotte W. Schuman Living Trust dated 10/5/1988

Original Lessee: MidCon Land Services, LLC
Current Lessee: Energen Resources Corporation
Description of Land Committed: Insofar only as said lease covers:

Township 24 South, Range 34 East
Section 25: SW/4NW/4, W/2SW/4

Lea County, New Mexico

Number of Acres: 120 Royalty Rate: 1/5

WI Owners Names and Interests: Energen Resources Corporation 100%

ORRI Owners: Of Record

Lease Date:May 4, 2017Lease Terms:Three (3) YearsRecordation:Book 2112, Page 585Lessor:Liessa SchumanOriginal Lessee:COG Operating LLC

Original Lessee: COG Operating LLC
Current Lessee: COG Operating LLC
Description of Land Committed: Insofar only as said lea

escription of Land Committed:

Insofar only as said lease covers:

Township 24 South, Range 34 East
Section 24: SW/4NW/4, W/2SW/4

Number of Acres: 120 Royalty Rate: 1/4

WI Owners Names and Interests: COG Operating LLC 100%

ORRI Owners: Of Record

Lease Date:May 4, 2017Lease Terms:Three (3) YearsRecordation:Book 2112, Page 589Lessor:Matthew SchumanOriginal Lessee:COG Operating LLC

Current Lessor: COG Operating LLC
Description of Land Committed: Insofar only as said lease covers:

Township 24 South, Range 34 East Section 24: SW/4NW/4, W/2SW/4

100%

Lea County, New Mexico

Number of Acres: 80
Royalty Rate: 1/4

WI Owners Names and Interests: COG Operating LLC

ORRI Owners: Of Record

Lease Date: January 1, 2019 Lease Term: Three (3) Years

Recordation: Book 2150, Page 488 (Memorandum)

Lessor: Commerce First Royalties, LP
Original Lessee: Commerce First Operating, LP
Current Lessee: Commerce First Operating, LP

Description of Land Committed: Insofar only as said lease covers:

Township 24 South, Range 34 East Section 24: SW/4NW/4, W/2SW/4

Lea County, New Mexico

Number of Acres: 120 Royalty Rate: 1/4

WI Owners Names and Interests: Commerce First Operating, LP 100%

ORRI Owners: Of Record

RECAPITULATION

Tract No.	No. of Acres Committed	Percentage of Interest In Communitized Area
1	40.00	23.333%
2	160.00	50.000%
3	120.00	26.667%
Total	320.00	100.000%

COMMUNITIZATION AGREEMENT

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

WITNESSETH:

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

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

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

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

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

Township 24 South, Range 34 East, N.M.P.M.

Section 24: W/2 W/2

Section 25: W/2 W/2

. Lea County, New Mexico

Containing 320 acres, and this agreement shall include only the **Wolfcamp Formation** underlying said lands and the natural gas, the crude oil and the associated natural gas, hereinafter, referred to as "communitized substances", producible from such formation(s).

- 2. Attached hereto, and made a part of this agreement for all purposes, is Exhibit B, designating the operator of the communitized area and showing the acreage, percentage, depths communitized and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.
- 3. All matters of operation shall be governed by the operator under and pursuant to the

the owners of the working interest in the communitized area, and three (3) executed copies of a designation of successor operator shall be filed with the Authorized Officer.

- 4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas regulations.
- 5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced therefrom shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement.

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

- 6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
- 7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.
- 8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.
- 9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and

regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders rules or regulations.

- 10. The effective date of this agreement is **August 1, 2019**, and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representative, and shall remain in force and effect for a period of 2 years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The 2-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.
- The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
- 12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and assure that no avoidable loss of hydrocarbons occurs in which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.
- 13. This agreement shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, executors, administrators, successors, and assigns.
- 14. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument, in writing, specifically referring hereto, and shall be binding upon all parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document.
- 15. <u>Nondiscrimination:</u> In connection with the performance of work under this agreement, the operator agrees to comply with all of the provisions of Section 202(1) to (7) inclusive, of Executive Order 11246 (30 F.R. 12319), as amended, which are hereby incorporated by reference in this agreement.

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

OPERATOR:

COG OPERATING LLC

Sean Johnson

Attorney-in-Fact

ACKNOWLEDGEMENT

STATE OF TEXAS

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COUNTY OF MIDLAND

ş

This instrument was acknowledged before me on ________, 2019, by Sean Johnson, Attorney-in-Fact of COG Operating LLC, a Delaware Limited Liability Company, on behalf of same.



My Commission Expires

Notary Public in and for the State of Texas

WORKING INTEREST OWNERS AND/OR LESSEES OF RECORD:

	COG OPERATING LLC
Date:(27/19	By:
suc. September 1	Sean Johnson MJ8
	Attorney-in-Fact
	CONCHO OIL & GAS, LLC
Date: 10/27/19	By:
Date. Co 104/14	Sean Johnson
. /	Attorney-in-Fact
	•
	BRADLEY S. BATES
Date:	Ву:
	Name:
	Title:
48	EOG RESOURCES, INC.
	(Successor by Merger to EOG Y Resources, Inc
	EOG A Resources, Inc., and
	EOG M Resources, Inc.)
Date:	Ву:
	Name:
	Title:
	ENERGEN RESOURCES CORPORATION
Date:	Ву:
	Name:
	Title:
	COMMERCE FIRST ROYALTIES, LLC
Date:	Ву:
	Name:
	Title:
	

ACKNOWLEDGEMENTS

STATE OF TEXAS	§	
COUNTY OF MIDLAND	9 9	N .
The foregoing instrument w	vas acknowledged before me on the ${\cal Z}$	day of JNC 2019, by Sean
Johnson, as Attorney-In-Fact	of COG OPERATING LLC a Delayare limite	d liability company, on behalf of said limited liability company.
	Laura R Reyna Notary Public, State of Texas Notary ID 199645-1 My Commission Exp. 02-14-2023	NOTARY PUBLIC in and for the State of Texas
STATE OF TEXAS	5	
COUNTY OF MIDLAND	§ §	17
The foregoing instrument w	as acknowledged before me on the 27	day of June 2019, by Sean
Johnson, as Attorney-In-Fact	of CONCHO OIL & GAS, LLC, a Texas limite	d liability company, on behalf of said limited liability company.
	Laura R Reyna ctary Public, State of Texas Notary iD 199845-1 y Commission Exp. 02-14-2023	NOTARY PUBLIC in and for the State of Texas
STATE OF	1	
COUNTY OF	9 9	
This instrument was acknow	ledged before me on the day of _	2019, by BRADLEY S. BATES.
		NOTARY PUBLIC in and for the State of
STATE OF	6	
COUNTY OF	§ §	
This instrument was acknow	ledged before me on the day of _	2019, by
Wendy Dalton as Attorney-in	n-Fact of EOG RESOURCES, INC., (Successo	r by Merger to EOG Y Resources, Inc., EOG A Resources, Inc.,
EOG M Resources, Inc.) a	°	on behalf of said
		NOTARY PUBLIC in and for the State of

WORKING INTEREST OWNERS AND/OR LESSEES OF RECORD:

	COG OPERATING LLC
Date:	Ву:
	Mark A. Garter
	Attorney-in-Fact
	CONCHO OIL & GAS, LLC
Date:	Ву:
	Mark A: Carter
	Attorney-in-Fact
6.10.3018	BRADIEVE BATTES MULZSHULCHUPE, LP
Date: Bradley S. Bates, President 202 Crude, LLC, General Partner of Muleshoe Crude 1 B	By: Relly S. B.
202 Crude, LLC, General Partner	Alamai Dana Alika (Pasa)
of Muleshoe Crude, LP	Name: RAALEY S 607 ES Title: OWN & A flesidest g 202 Crus LLC, General Patrony Muleshar Comb LP
<u> </u>	LLC General textremony Muleshare Could LP
	YATES PETROLEUM CORPORATION
Date:	Ву:
	Name:
	Title:
	EOG-A RESOURCES, INC.
Date:	Ву:
	Name:
	Title:
	EOG-M RESOURCES, INC.
Date:	Ву:
	Name:
	Title:
	ENERGEN RESOURCES CORPORATION
Date:	Ву:
	Name:
	Title:

ACKNOWLEDGEMENTS

STATE OF TEXAS	§		
COUNTY OF MIDLAND	ş \$		
The foregoing instrument	was acknowledged before me on the	day of	, 2018, by Mark A.
Carter, as Attorney-In-Fac	t of COG OPERATING LLC, a Delaware limi	ted liability company, on behalf of said limit	ted liability company.
		NOTARY PUBLIC in and for the S	tate of Texas
STATE OF TEXAS	§		
COUNTY OF MIDLAND	§ §		
The foregoing instrument	was acknowledged before me on the	day of	. 2018. by Mark A.
		ted liability company, on behalf of said limit	10770
		NOTARY PUBLIC in and for the St	rate of Texas
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This instrument was acknow	wledged before me on the	Destenber 2018, by BRI If Miles to e Crucle, LP, as it Rabert tillian Velton 1 NOTARY PUBLIC in and for the State	ADLEY S. BATES,
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		KANG William Keltow 1	<u> </u>
	******	NOTARY PUBLIC in and for the Stat	e of Jan AS
	RT WILLIAM KELTON fill ry Pyblic, State of Texas		
N THE PARTY N	otagy ID # 667364-6 Commission Expires		
	September 14, 2021		
This instrument was ackno	wledged before me on the day o	f	, 2018, by
	as	of	YATES PETROLEUM
CORPORATION, a	on be	half of said	·
		NOTARY PUBLIC in and for the State	e of

WORKING INTEREST OWNERS AND/OR LESSEES OF RECORD:

	COG OPERATING LLC
Date:	Ву:
	Mark A. Carter
	Attorney-in-Fact
	CONCHO OIL & GAS, LLC
Date:	Ву:
	Mark-A. Carter-
	Attorney-in-Fact
	BRADLEY S. BATES
Date:	Ву:
	Name:
	Title:
	EOG RESOURCES, INC.
	(Successor by Merger to EOG Y Resources, Inc
	EOG A Resources, Inc., and
	EOG M Resources, Inc.)
Date:	By: Wandy Dalta 86
	Name:
	Title:
	ENERGEN RESOURCES CORPORATION
Date:	Ву:
	Name:
	Title:
	COMMERCE FIRST ROYALTIES, LLC
Date:	Ву:
	Name:
	Title:

ACKNOWLEDGEMENTS

STATE OF TEXAS	§ 8		
COUNTY OF MIDLAND	§		
The foregoing instrument	was acknowledged before me on the	day o	f, 2019, by Mark A.
Carter, as Attorney-In-Fac	t of COG OPERATING LLC, a Delaware limit	ed liability	company, on behalf of said limited liability company.
			NOTARY PUBLIC in and for the State of Texas
STATE OF TEXAS	§ §		
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The foregoing instrument	was acknowledged before me on the	day of	, 2019, by Mark A.
Carter, as Attorney-In-Fac	t of CONCHO OIL & GAS, LLC, a Texas limite	ed liability	company, on behalf of said limited liability company.
			NOTARY PUBLIC in and for the State of Texas
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		f	2019, by BRADLEY S. BATES.
		N	OTARY PUBLIC in and for the State of
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			ger to EOG Y Resources, Inc., EOG A Resources, Inc.,
	Delawore Comporation		and the state of t
	***************************************	V	6 0 00 Co TV
SY	KIMBERLY M SMITH Notary ID #129820041	L	moet 111. This
	My Commission Expires May 21, 2022	N	OTARY PUBLIC in and for the State of 12 100

WORKING INTEREST OWNERS AND/OR LESSEES OF RECORD:

	COG OPERATING LLC
Date:	Ву:
	Mark A. Carter
	Attorney-in-Fact
	CONCHO OIL & GAS, LLC
Date:	Ву:
	Mark A. Cartes
	Attorney-in-Fact
	BRADLEY S. BATES
Date:	Ву:
	Name:
	Title:
	EOG RESOURCES, INC.
	(Successor by Merger to EOG Y Resources, Inc.,
	EOG A Resources, Inc., and
	EOG M Resources, Inc.)
Date:	Ву:
	Name:
	Title:
	ENERGEN RESOURCES CORPORATION
Data	By: James Handard 16m
Date:	Name: Tom F. Hawkin
	Title: Senior Vice President - Land
	Title: 0-071107 Title Ti
	COMMERCE FIRST ROYALTIES, LLC
Date:	Ву:
	Name:
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MELANIE HAYS Notary Public, State of Texas Comm Expires 09-11-2022 Notary ID 131718821	NOTARY PUBLIC in and for the State of TUXAS
9 COUNTY OF 5	
This instrument was acknowledged before me on the as on behalf of said	of COMMERCE FIRST ROYALTIES, LLC, a
	NOTARY PUBLIC in and for the State of
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This instrument was acknowledged before me on the _	
, as, on behalf of said	
	NOTARY PUBLIC in and for the State of
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§ COUNTY OF §	
This instrument was acknowledged before me on the _	day of 2019, by
, as, on behalf of said	
	NOTARY PUBLIC in and for the State of

Date: <u> </u>	COMMERCE FIRST ROYALTIES, LLC By: Name: Title: President
Date:	MECO IV, LLC By:
	Name:
	OXY Y-1
Date:	By: Name: Title:
NON-PARTICIPATING	ROYALTY OWNERS
	EG3, INC.
Date:	By: Name: Title:
	NESTEGG ENERGY CORPORATION
Date:	By: Name: Title:
	EG3 DEVELOPMENT, LLC
Date:	Ву: Name:
	Title:

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	Notary P	RISHA PIAZZA Public, State of Tex ommission Expiret			In	000	ve	or			-
	My Co	uly 15, 2019			NOTARY	PUBL	IC in a	nd for the	State of 12	XAS	_

	COMMERCE FIRST ROYALTIES, LLC
Date:	Ву:
	Name:
	Title:
	MECO IV, LLC
Date: 91316	By:
Date.	Name: Om Di Marcia
	Title: Manage
	OXY Y-1
	2
Date:	By: SUBJECT TO NMOCI) COMPULSORY Name: POOKING CONER R-20422
7.	Name: POOLING CALER R-20422
	Title:
	EG3, INC.
Date:	Bug.
Date.	By: Name:
	Title:
	NESTEGG ENERGY CORPORATION
Date:	Ву:
	Name:
	Title:
	EG3 DEVELOPMENT, LLC
Date:	Ву:
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This instrument was	acknowledged	before me on the _	day of		, 2018, by
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CORPORATION, a		on behalf	of said		<u>-</u> ·
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	Name:
	Title:
	MECO IV, LLC
Date:	Ву:
	Name:
	Title:
	OXY Y-1
Date:	Ву:
	Name:
	Title:
N	ION-PARTICIPATING ROYALTY OWNERS
	EG3, INC.
Date:	· ·
Date:	Ву:
Date:	· ·
Date: 10/26/18	Ву: Name:
	By: Name: Title: NESTEGG ENERGY CORPORATION By:Ray M. Lle. Name: Ray M. Lle.

COMMERCE FIRST ROYALTIES, LLC

	COMMERCE FIRST ROYALTIES, LLC
Date:	Ву:
	Name:
	Title:
	MECO IV, LLC
Date:	Ву:
	Name:
	Title:
	OXY Y-1
Date:	Ву:
	Name:
	Title:
	EG3, INC.
Date: September 11, 2018	By: Manyh
	Name: John Chiles Graham
	Title: Vice President
	NESTEGG ENERGY CORPORATION
Date:	Ву:
	Name:
	Title:
	ALLAR DEVELOPMENT, LLC
Date: <u>September 11, 2018</u>	By: March
PACC. TENCHING! TT! TATO	Name: John Chiles Graham
	Title: President

STATE OF	_ §													
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This instrument was	_													
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COUNTY OF YOUNG This instrument was John Chiles					the \	11 ^t /ice Pro	day	of		Septer	mber of	EG3,		by a
Texas corporation			If of sa	id	cc	orporat	ion		1		•			
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STATE OF TEXAS § COUNTY OF YOUNG §		
This instrument was acknowledged before m John Chiles Graham	ne on the 11 th day of a	September 2018, by
RENNE UNKART Notary Public, State of Texas Expires AUGUST 30, 2019 1.0.# 1172285-2	Kenne	LIC in and for the State ofTexas

EXHIBIT "A"

Plat of communitized area covering the W/2W/2 of Section 24 & W/2W/2 of Section 25, T24S – R34E, N.M.P.M.,

Lea County, New Mexico

Communitized depths are hereby limited to the Wolfcamp Formation

Baseball Cap Federal Com W2W2

Tract 1:
USA NM 123529

Tract 2:
USA NM 123532

Tract 3:
FEE LEASES

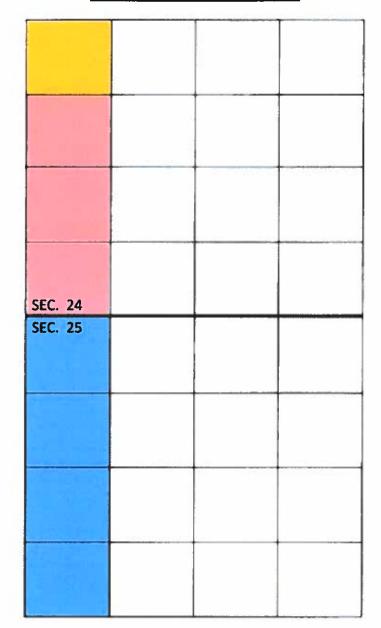


EXHIBIT "B"

Attached to and made a part of that Communitization Agreement dated October 1, 2018 covering the W/2W/2 of Section 24 and the W/2W/2 of Section 25, T24S – R34E, N.M.P.M., Lea County, New Mexico Communitized depths are hereby limited to the WC-025 G-09 S253402N, Wolfcamp Pool (Pool Code 980116)

Operator of Communitized Area: COG Operating LLC

DESCRIPTION OF LEASES COMMITTED:

TRACT 1:

Lease Date: August 25, 2009, Effective September 1, 2009

Lease Term:Ten (10) YearsRecordation:Not RecordedLessor:USA NM 123529

Original Lessee: John A. Yates

Current Lessee: EOG A Resources, Inc. EOG M Resources, Inc. EOG Y Resources, Inc.

OXY Y-1 Company

Description of Land Committed: Insofar only as said lease covers:

<u>Township 24 South, Range 34 East</u>

Section 24: NW/4NW/4 Lea County, New Mexico

Number of Acres: 40 Royalty Rate: 1/8

WI Owner Names and Interests: EOG A Resources, Inc. 20.00%

EOG M Resources, Inc. 20.00% EOG Y Resources, Inc. 40.00% OXY Y-1 Company 20.00%

ORRI Owners: Of Record

TRACT 2:

Lease Date: August 25, 2009, Effective September 1, 2009

Lease Term:Ten (10) YearsRecordation:Not RecordedLessor:USA NM 123532Original Lessee:The Allar CompanyCurrent Lessee:COG Operating LLC

Concho Oil & Gas, LLC

Description of Land Committed: Insofar only as said lease covers: Township 24 South, Range 34 East

> Section 25: W2W2 Lea County, New Mexico

Number of Acres: 160

Royalty Rate: 1/4
WI Owner Names and Interests: COG Operating LLC 97.50%

Concho Oil and Gas, LLC 2.50%

ORRI Owners: Of Record

TRACT 3:

Lease Date:

January 15, 2015

Lease Terms: Recordation:

Six (6) Years

Recordat

Book 2128, Page 45

Lessor:

AE&J Royalties, LLC, A New Mexico LLC

Original Lessee: Current Lessee:

Endeavor Energy Resources, LP COG Operating LLC

Concho Oil & Gas, LLC

MECO IV, LLC

Bradley S. Bates

Description of Land Committed:

Insofar only as said lease covers:

Township 24 South, Range 34 East Section 24: SW/4NW/4, W/2SW/4

Lea County, New Mexico

Number of Acres:

120

Royalty Rate:

1/5

WI Owners Names and Interests:

COG Operating LLC

69.49%

Concho Oil & Gas, LLC

23.16%

MECO IV, LLC

2.25% 5.10%

Bradley S. Bates

Of Record

ORRI Owners:

Lease Date:

September 7, 2016

Lease Terms:

Three (3) Years

Recordation:

Book 2069, Page 728

Lessor:

Daniel P. Schuman and Vida K. Schuman, Trustees of the Daniel P. Schuman

and Vida K. Schuman Revocable Trust dated 4-15-2014

Original Lessee:

MidCon Land Services, LLC

Current Lessee:

Energen Resources Corporation

Description of Land Committed:

Insofar only as said lease covers:

Township 24 South, Range 34 East Section 24: SW/4NW/4, W/2SW/4

Lea County, New Mexico

Number of Acres:

120

Royalty Rate:

1/5

WI Owners Names and Interests:

Energen Resources Corporation

100%

ORRI Owners: C

Of Record

Lease Date:September 7, 1016Lease Term:Three (3) YearsRecordation:Book 2069, Page 738Lessor:Marc Schuman

Original Lessee: MidCon Land Services, LLC
Current Lessee: Energen Resources Corporation
Page in the page 1 and Committee and Lease 2 and

Description of Land Committed: Insofar only as said lease covers:

Township 24 South, Range 34 East Section 24: SW/4NW/4, W/2SW/4

Lea County, New Mexico

Number of Acres: 120 Royalty Rate: 1/5

WI Owners Names and Interests: Energen Resources Corporation 100%

ORRI Owners: Of Record

Lease Date:September 2, 1016Lease Term:Three (3) YearsRecordation:Book 2069, Page 743

Lessor: Charlotte W. Schuman and Karlyn S. Doyle, Co-Trustees of the

Charlotte W. Schuman Living Trust dated 10/5/1988

Original Lessee: MidCon Land Services, LLC
Current Lessee: Energen Resources Corporation
Description of Land Committed: Insofar only as said lease covers:

Township 24 South, Range 34 East
Section 25: SW/4NW/4, W/2SW/4

Lea County, New Mexico

Number of Acres: 120 Royalty Rate: 1/5

Wi Owners Names and Interests: Energen Resources Corporation 100%

ORRI Owners: Of Record

Lease Date:May 4, 2017Lease Terms:Three (3) YearsRecordation:Book 2112, Page 585Lessor:Liessa SchumanOriginal Lessee:COG Operating LLC

Current Lessee: COG Operating LLC

Description of Land Committed: Insofar only as said lease covers: Township 24 South, Range 34 East

Section 24: SW/4NW/4, W/2SW/4

Number of Acres: 120 Royalty Rate: 1/4

WI Owners Names and Interests: COG Operating LLC 100%

ORRI Owners: Of Record

13

Lease Date:May 4, 2017Lease Terms:Three (3) YearsRecordation:Book 2112, Page 589Lessor:Matthew Schuman

Lessor:Matthew SchumanOriginal Lessee:COG Operating LLCCurrent Lessor:COG Operating LLC

Description of Land Committed: Insofar only as said lease covers:

Township 24 South, Range 34 East Section 24: SW/4NW/4, W/2SW/4

Lea County, New Mexico

Number of Acres: 80 Royalty Rate: 1/4

WI Owners Names and Interests: COG Operating LLC 100%

ORRI Owners: Of Record

Lease Date: January 1, 2019
Lease Term: Three (3) Years

Recordation: Book 2150, Page 488 (Memorandum)

Lessor:Commerce First Royalties, LPOriginal Lessee:Commerce First Operating, LPCurrent Lessee:Commerce First Operating, LP

Description of Land Committed: Insofar only as said lease covers:

<u>Township 24 South, Range 34 East</u> Section 24: SW/4NW/4, W/2SW/4 Lea County, New Mexico

Number of Acres: 120

Royalty Rate:

WI Owners Names and Interests: Commerce First Operating, LP 100%

1/4

ORRI Owners: Of Record

RECAPITULATION

Tract No.	No. of Acres Committed	Percentage of Interest In Communitized Area
1	40.00	23.333%
2	160.00	50.000%
3	120.00	26.667%
Total	320.00	100.000%

APPLICATION FOR POOL LEASE COMMINGLING AT CENTRAL TANK BATTERY

COG Operating LLC is requesting approval for pool lease commingling of production from the following wells:

Federal Lease #NMNM123529 & NMNM123532; 12.5% Royalty Rate; CA# NMNM14044 & NMNM140446

Location Sec 25, T24S-R34E

Pool; 96434 Red Hills; Bone Spring, North

Well Name;	API#	Est Oil BOPB	Est Oil Gravity	Est Gas MCFPD	Est Gas BTU
Baseball Cap Fed Com 607H	30-025-45786	1000	42.5	1200	1412
Baseball Cap Fed Com 608H	30-025-45787	1000	42.4	1300	1383

Federal Lease #NMNM123529 & NMNM123532; 12.5% Royalty Rate; CA# NMNM14044 & NMNM140446

Location Sec 25, T24S-R34E

Pool; 98116 WC-025 G-09 S253402N; Wolfcamp

Well Name;	API#	Est Oil BOPB	Est Oil Gravity	Est Gas MCFPD	Est Gas BTU
Baseball Cap Fed Com 707H	30-025-46068	1000	42.5	1100	1352

Oil and Gas Metering:

Production from the Brot Helm Federal Com 601H, 602H, 603H, 701H, 703H and 704H each will enter into their own dedicated 3-phase inlet vessel. Oil from each vessel will be continuously measured with allocation meters. Gas will be continuously measured with allocation meters, as well.

After the oil from the #601H, #602H, #603H, #701H, #703H, and #704H is individually measured it will be commingled and sent to a heater treater(s) and then vapor recovery tower. From the vapor recovery tower, the oil will enter the storage tanks and then be sold through a pipeline LACT FMP, temporary truck LACT FMP, or truck load line FMP. After the gas from the #601H, #602H, #603H, #701H, #703H, and #704H is individually measured it will be commingled and sent to the purchaser's sales meter, which will be the gas FMP. During normal operations a vapor recovery unit and booster compressor will pull flashing gas off the heater treater and VRT; this gas will be commingled and sent to the gas FMP.

Flares

During normal operating conditions the high-pressure flare will be inactive. If the gas sales line pressure exceeds the facility design pressure then the commingled gas will be sent to the high-pressure flare, measured and burned. Gas that flashes off the oil and water tanks will be sent to the lower pressure flare, measured and burned. If power to the VRU is lost, then gas from the heater treater and VRT will be sent to the low-pressure flare, measured and burned.

Gas Lift Compression

The #601H, #602H, #603H, #701H, #703H, and #704H will be utilizing gas lift for artificial lift.Commingled gas will be. sent to the gas lift compressor where it will be compressed and measured with an allocation meter.

Process and Flow Diagram:

The flow of production is shown in detail on the enclosed facility diagram. The commingling of this production is the most effective, economical means of producing the reserves and will not result in reduced royalty or improper measurement of production. The proposed commingling will reduce operating expenses as well as reduce the surface facility footprint and overall emissions.

COG Operating LLC understands the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.

owners of interest are identical, with identical revenue distribution, therefore notification of owners is not required (see attached letter from COG Operating LLC Landman).

Respectfully,

anette Barron

Production Technician II





BASEBALL CAP FED NMNM123532

Jun 23, 2020

01 12-22-1987;101STAT1330;30USC181 ET SE

Case Type: O&g Ise comp pd -1987

Serial Number: NMNM 123532

Case I	2011b ba - 1307				Seriai Number:	al Number: NMNM 123532			
Commo	dity: Oil & gas		Acres:	160,000)	Disposition:	Authorized		
• • • • • • • • • • • • • • • • • • • •)			<u> </u>			
<u>Lessee</u> <u>Owner Name</u>	e.	Street	City		State	<u>Zip</u>	Net Acres	%Int	
COG OPERATINO		600 W ILLINOIS AVE		LAND	тх	79701-4882	160.000	100.00	
Operating Rights		Street					Net Acres		
COG OPERATING	3 LLC	600 W ILLINOIS AVE		LAND	TX	79701-4882	0.000	0.00	
CONCHO OIL & C	GAS LLC	600 W ILLINOIS AVE	MIDL	_AND	тх	79701-4882	0.000	0.00	
Meridian:	New Mex		State: NM		Cou	unty: Lea			
Township:	24 S	Range:	34 E			Admin Agency			
Section:	25	W2W2;				BUREAU OF LA	ND MGMT		
<u>Code</u> 387	Action Case establ	lished		ate /2009	Remarks 200907036;				
191	Sale held		7/22	2/2009					
267	Bid received	1	7/22	2/2009	\$48000.00;				
237	Lease issue	od	8/25	6/2009					
974	Automated i	record verif	8/25	/2009	втм				
496	Fund code		9/1/	/2009	05;145003				
530	Rity rate - 1:	2 1/2%	9/1/	2009					
868	Effective da	te	9/1/	2009					
42	Case sent to	•	9/2/	2009	RROMERO;				
932	Trf oper rgts	s filed	11/10	0/2009	ALLAR/MARBOB E	NERGY;1			
933	Trf oper rgts	s approved	3/9/	2010	EFF 12/01/09;				
974	Automated r	record verif	3/9/	2010	RAYO/RAYO				
932	Trf oper rgts	s filed	3/29	/2010	ALLAR CO/EG3 INC	D;1			
933	Trf oper rgts	approved	6/16	/2010	EFF 04/01/2010;				
974	Automated a	record verif	6/16	/2010	MJD				
932	Trf oper rgts	s filed	4/19	/2011	MARBOB EN/COG	OPERA;1			

<u>Code</u> 933	Action Trf oper rgts approved	<u>Date</u> 6/22/2011	Remarks EFF 05/01/11;
974	Automated record verif	6/22/2011	RAYO/RAYO
932	Trf oper rgts filed	6/30/2014	EG3 INC/ALLAR CO;1
933	Trf oper rgts approved	8/8/2014	EFF 07/01/14;
974	Automated record verif	8/8/2014	JS
899	Trf of orr filed	5/4/2017	1
932	Trf oper rgts filed	5/5/2017	EG3/ALLAR COMPANY;1
933	Trf oper rgts approved	6/12/2017	EFF 06/01/17;
974	Automated record verif	6/12/2017	RCC
140	Asgn filed	6/23/2017	ALLAR/COG OPERATING;1
932	Trf oper rgts filed	6/23/2017	ALLAR/COG OPERATING;1
139	Asgn approved	7/24/2017	EFF 07/01/17;
933	Trf oper rgts approved	7/24/2017	EFF 07/01/17;
974	Automated record verif	7/24/2017	LBO
899	Trf of orr filed	1/16/2018	1
235	Extended	8/31/2019	THRU 08/31/21;
974	Automated record verif	9/9/2019	LL
650	Held by prod - actual	2/19/2020	/1/
658	Memo of 1st prod-actual	2/19/2020	/1/#607H ;
643	Production determination	5/27/2020	/1/

Remarks

STIPULATIONS ATTACHED TO LEASE:

NM-11-LN SPECIAL CULTURAL RESOURCE

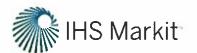
SENM-S-22 PRAIRIE CHICKENS

PER MMS - RENT PD THRU 09/01/2010

06/22/2011 - PER MMS RENT PD THRU 09/01/2011

08/08/14 - RENTAL PAID THRU 09/01/13





Serial Register Page

Jun 23, 2020

01 12-22-1987;101STAT1330;30USC181 ET SE

Case Type: O&g Ise comp pd -1987

Serial Number: NMNM 123529

Commodity: Oil & gas

Acres: 40.000

Disposition: Authorized

<u>Lessee</u>						
Owner Name	Street	City	<u>State</u>	Zip	Net Acres	<u>%Int</u>
COG OPERATING LLC	600 W ILLINOIS AVE	MIDLAND	TX	79701-4882	32.000	80 00
OXY Y-1 COMPANY	PO BOX 27570	HOUSTON	TX	77227-7570	8.000	20.00

Meridian:

New Mex

State: NM

County: Lea

Township:

Section:

24 S 24

Range:

NWNW;

34 E

Admin Agency

BUREAU OF LAND MGMT

<u>Code</u> 387	Action Case established	Date 6/5/2009	Remarks 200907033;
191	Sale held	7/22/2009	
267	Bid received	7/22/2009	\$4000.00;
237	Lease issued	8/25/2009	
974	Automated record verif	8/25/2009	ВТМ
496	Fund code	9/1/2009	05;145003
530	Rlty rate - 12 1/2%	9/1/2009	
868	Effective date	9/1/2009	
42	Case sent to	9/2/2009	RROMERO;
940	Name change recognized	5/12/2011	YATES DRL CO/OXY Y-1
817	Merger recognized	12/1/2016	YATES PETRO/EOG Y RES
940	Name change recognized	12/1/2016	ABO PETRO/EOG A RESOU
940	Name change recognized	12/1/2016	MYCO INDUST/EOG M RES
817	Merger recognized	1/1/2019	EOG A/EOG RESOURCE IN
817	Merger recognized	1/1/2019	EOG M/EOG RESOURCE IN
817	Merger recognized	1/1/2019	EOG Y/EOG RESOURCE IN
235	Extended	8/31/2019	THRU 08/31/21;
974	Automated record verif	9/9/2019	LL
140	Asgn filed	1/24/2020	EOG RESOU/COG OPERA;1
139	Asgn approved	4/22/2020	EFF 02/01/20;

<u>Code</u>	Action	<u>Date</u>	Remarks
974	Automated record verif	4/22/2020	КВ
763	Expires	9/1/2021	

<u>Remarks</u>

STIPULATIONS ATTACHED TO LEASE:

NM-11-LN SPECIAL CULTURAL RESOURCE

SENM-S-22 PRAIRIE CHICKENS

04/22/2020 - RENTAL IN GOOD STANDING







Serial Register Page

Jun 08, 2020

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

Case Type: O&g communitzation agrmt

Serial Number: NMNM 140444

Commodity: Oil & gas Acres: 320.000 Disposition: Pending

Office Of Record

Owner Name Street City State Zip Net Acres %Int

BLM NMSO 301 DINOSAUR TRL SANTA FE NM 87508-1560 0.000 0.00

<u>Operator</u>

Owner Name Street City State Zip Net Acres %Int

COG OPERATING LLC 600 W ILLINOIS AVE MIDLAND TX 79701-4882 320.000 100.00

Meridian: New Mex State: NM County: Lea

Township: 24 S Range: 34 E Admin Agency

Section: 24 W2W2; BUREAU OF LAND MGMT

Section: 25 W2W2; BUREAU OF LAND MGMT

CodeActionDateRemarks580Proposal received7/8/2019CA RECD;

387 Case established 8/1/2019

516 Formation 8/1/2019 BONE SPRING;







Serial Register Page

Jun 08, 2020

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

Case Type: O&g communitzation agrmt

Serial Number: NMNM 140446

Commodity: Oil & gas

Acres: 320.000

Disposition: Pending

Office Of Record

Owner Name Street City

State

Zip

Net Acres

%Int

BLM NMSO

301 DINOSAUR TRL

SANTA FE

NM

87508-1560

0.000

0.00

Operator

Owner Name

Street

City

State

Zip

Net Acres

%Int

COG OPERATING LLC

600 W ILLINOIS AVE

MIDLAND

TX

79701-4882

320.000

100.00

Meridian:

New Mex

State: NM

County: Lea

Township:

24 S

Range:

34 E

Admin Agency

Section:

24

BUREAU OF LAND MGMT

Section:

W2W2; W2W2;

BUREAU OF LAND MGMT

580

Proposal received

<u>Date</u>

Remarks

7/8/2019

CA RECD:

387

Case established

8/1/2019

516

Formation

8/1/2019

WOLFCAMP;



Certificate of Analysis

Number: 6030-20060004-009A

Artesia Laboratory 200 E Main St. Artesia, NM 88210 Phone 575-746-3481

Concho Oil & Gas Concho Oil & Gas 2407 Pecos Ave. Artesia, NM 88210 June 03, 2020

Station Name:

Baseball Cap Fed Com 607H

Station Number: 39022681 Station Location: COG

Sample Point: Meter Run Type of Sample: Spot-Cylinder

Heat Trace Used: N/A Sampling Method: Fill and Purge

Sampling Company: SPL

Analyzed:

06/03/2020 09:42:15 by User1

Sampled By:

Chad Whitt

Sample Of:

Gas Spot

Sample Date: 05/29/2020 11:22 Sample Conditions:94 psig, @ 116 °F Ambient: 95 °F

Effective Date:

05/29/2020 11:22

Method: Cylinder No:

GPA-2261M 5030-00639

Instrument:

6030_GC2 (Agilent 7890B) Last Inst. Cal.: 05/05/2020 13:24 PM

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.73 psia		
Hydrogen Sulfide	0.000	0.00050	0.001		GPM TOTAL C2+	8.137
Nitrogen	1.332	1.32955	1.560		GPM TOTAL C3+	4.580
Methane	70.603	70.47297	47.338		GPM TOTAL IC5+	1.137
Carbon Dioxide	0.278	0.27749	0.511			
Ethane	13.266	13.24157	16.672	3.557		
Propane	7.925	7.91041	14.606	2.189		
Iso-butane	1.031	1.02910	2.505	0.338		
n-Butane	2.899	2.89366	7.042	0.916		
Iso-pentane	0.720	0.71867	2.171	0.264		
n-Pentane	0.798	0.79653	2.406	0.290		
Hexanes Plus	1.332	1.32955	5.188	0.583		
	100.184	100.00000	100.000	8.137		
Calculated Physical Pr	operties	Total		C6+		
Relative Density Real G	as	0.8283		3.2176		
Calculated Molecular W		23.88		93.19		
Compressibility Factor	_	0.9952				
GPA 2172 Calculation:						
Calculated Gross BTU	per ft ³ @ 14.73 ps	sia & 60°F				
Real Gas Dry BTU		1412		5141		
Water Sat. Gas Base B1	Γ U	1388		5052		
Ideal, Gross HV - Dry at	14.73 psia	1405.1		5141.1		
Ideal, Gross HV - Wet		1380.7		5051.6		
Comments: H2S Field	Content 5 ppm					

Hydrocarbon Laboratory Manager

Quality Assurance:

The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

Powered By SURECHEM



Certificate of Analysis

Number: 6030-20060005-003A

Artesia Laboratory 200 E Main St. Artesia, NM 88210 Phone 575-746-3481

Concho Oil & Gas Concho Oil & Gas 2407 Pecos Ave. Artesia, NM 88210

Station Name:

Baseball Cap Fed Com 608H

Station Number: 39022682 Station Location: COG

Sample Point: Meter Run Type of Sample: Spot-Cylinder

Heat Trace Used: N/A

Sampling Method: Fill and Purge

Sampling Company: SPL

Analyzed:

06/03/2020 11:32:39 by PS

Sampled By:

Sample Of:

Chad Whitt Gas

Sample Date:

Spot 05/29/2020 13:23

June 03, 2020

Sample Conditions:91 psig, @ 113 °F Ambient: 95 °F

Effective Date: Method:

Last Inst. Cal.:

05/29/2020 13:23 **GPA-2261M**

Cylinder No: Instrument:

1111-002486

70104124 (Inficon Micro GC Fusion) 06/02/2020 0:00 AM

Analytical Data

Analytical Data									
Components Un-n	normalized Mol %	Mol. %	Wt. %	GPM at 14.73 psia					
Hydrogen Sulfide	0.000	0.00050	0.001		GPM TOTAL C2+	7.745			
Nitrogen	1.388	1.38721	1.659		GPM TOTAL C3+	4.245			
Methane	71.585	71.52351	48.980		GPM TOTAL iC5+	0.985			
Carbon Dioxide	0.382	0.38127	0.716						
Ethane	13.040	13.02918	16.724	3.500					
Propane	7.491	7.48436	14.088	2.071					
Iso-butane	1.001	1.00014	2.481	0.329					
n-Butane	2.719	2.71666	6.740	0.860					
Iso-pentane	0.663	0.66253	2.040	0.243					
n-Pentane	0.721	0.72028	2.218	0.262					
Hexanes Plus	1.095	1.09436	4.353	0.480					
	100.085	100.00000	100.000	7.745					
Calculated Physical Proper	ties	Total		C6+					
Relative Density Real Gas		0.8123		3.2176					
Calculated Molecular Weight		23.43		93.19					
Compressibility Factor		0.9954							
GPA 2172 Calculation:									
Calculated Gross BTU per t	ft³ @ 14.73 ps	sia & 60°F							
Real Gas Dry BTU		1383		5141					
Water Sat. Gas Base BTU		1360		5052					
Ideal, Gross HV - Dry at 14.7	3 psia	1377.1		5141.1					
Ideal, Gross HV - Wet	•	1353.2		5051.6					
Comments: H2S Field Con	tent 5 ppm								

Hydrocarbon Laboratory Manager

Quality Assurance:

The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.



Certificate of Analysis

Number: 6030-20060005-001A

Artesia Laboratory 200 E Main St. Artesia, NM 88210 Phone 575-746-3481

Concho Oil & Gas Concho Oil & Gas 2407 Pecos Ave. Artesia, NM 88210

Baseball Cap Fed Com 707H

Station Name: Station Number: 39022683 COG Station Location:

Sample Point: Meter Run Type of Sample: Spot-Cylinder Heat Trace Used: N/A

Sampling Method: Fill and Purge Sampling Company: SPL

Analyzed:

06/03/2020 11:29:02 by User1

Sampled By:

Chad Whitt Sample Of: Gas Spot Sample Date: 05/29/2020

Sample Conditions: 92 psig, @ 105 °F Ambient: 95 °F Effective Date: 05/29/2020

June 03, 2020

Method: GPA-2261M Cylinder No: 5030-01035

Instrument: 6030_GC2 (Agilent 7890B) 05/05/2020 13:24 PM Last Inst. Cal.:

Analytical Data

Components Un-	normalized Mol %	Mol. %	Wt. %	GPM at 14.73 psia		
Hydrogen Sulfide	0.000	0.00050	0.001		GPM TOTAL C2+	7.109
Nitrogen	1.528	1.52919	1.878		GPM TOTAL C3+	3.844
Methane	73.736	73.79319	51.902		GPM TOTAL iC5+	0.959
Carbon Dioxide	0.196	0.19615	0.378			
Ethane	12.150	12.15942	16.030	3.265		
Propane	6.642	6.64715	12.851	1.839		
Iso-butane	0.872	0.87268	2.224	0.287		
n-Butane	2.397	2.39886	6.113	0.759		
Iso-pentane	0.623	0.62348	1.972	0.229		
n-Pentane	0.670	0.67052	2.121	0.244		
Hexanes Plus	1.108	1.10886	4.530	0.486		
	99.922	100.00000	100.000	7.109		
Calculated Physical Prope	rties	Total		C6+		_
Relative Density Real Gas		0.7906		3.2176		
Calculated Molecular Weight		22.81		93.19		
Compressibility Factor		0.9957				
GPA 2172 Calculation:						
Calculated Gross BTU per	ft³ @ 14.73 ps	sia & 60°F				
Real Gas Dry BTU	- '	1352		5141		
Water Sat. Gas Base BTU		1329		5052		
Ideal, Gross HV - Dry at 14.7	3 psia	1346.2		5141.1		
Ideal, Gross HV - Wet		1322.8		5051.6		
Comments: H2S Field Con	tent 5 ppm					

Hydrocarbon Laboratory Manager

The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

Powered By SURECHEM

Quality Assurance: