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BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Case Nos. 20923, 20924, 20925 & 20926 Exhibit No. 1 Submitted by: <u>COG OPERATING LLC</u> Hearing Date: <u>February 20, 2020</u>

DISTRICT I 1025 N. PRENCH DR., HOBBS, NM 00: Phone: (676) 509-610 Par: (676) 303-0 DISTRICT II 811 S. FIRST ST., ARTESLA, NM Phone: (373) 746-1283 Par: (575) 746 DISTRICT III 1000 R10 BRAZOS RD., AZTEC, N Phone: (605) 334-6178 Par: (565)	88210 8-9720	DIL C	erals & ONSI 220 SC	ERVATIONUTH ST. F	w Mexico Resources De DN DIVIS RANCIS DR. xico 87505	SION	Revised Au Submit one copy to	orm C-102 agust 1, 2011 o appropriate ct Office
DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FE, Phone: (505) 476-3460 Fex: (505)	NN 87505 476-3452						AMEND	ED REPORT
API Number			CATION Pool Code	AND ACREA	GE DEDICATI	ON PLAT Pool Name		
Property Code	1			Property Nar			Well Num	
Property Coue				MASTIFI			20	
DGRID No.			COC	^{Operator Nar} G OPERATIN			Elevatio	n
				Surface Loc	ation			
UL or lot No. Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1 4	24-S	32-E		50	NORTH	330	EAST	LEA
UL or lot No. Section	Township	Bottom Range	Hole Loc Lot Idn	Peet from the	North/South line	face Feet from the	East/West line	County
P 9	24-S	32-E	200 101	50	SOUTH	330	EAST	LEA
Dedicated Acres Joint o	r Infill Co	onsolidation (Code Ore	ler No.				
NO ALLOWABLE W					JNTIL ALL INTER APPROVED BY 1		CEN CONSOLIDA	ATED
	LOT 4 39.67 Ac 	LOT 3 39.55 Ac	LOT 2	- ₹	30'	I bereby berein is true my knowledge organisation ei- or valeased mi- including the p or bas a right location pursue owner of such or to a volunta compulsory poo by the division Signature Printed Nam E-mail Addres SURVEYO I bereby shown ou this notes of actual under my supe- true and correct	Da e	vimation = best of this interest = land = location this interest, interest, interest, interest, interest, interest, to r # = entered te

DISTRICT I 1625 N. PRENCH DR., Phone: (575) 353-6101 DISTRICT II \$11 S. FIRST ST., Phone: (576) 746-1283 DISTRICT III 1000 RIO BRAZOS F Phone: (506) 334-611	ARTESIA, NM 1 Pax: (575) 74 RD., AZTEC, 1	88210 88-9720	DIL C	erals & ONSI 1220 SC	κ Natur ERVA' OUTH ST	al H FIC '. Fi	w Mexico Resources De DN DIVIS RANCIS DR. xico 87505	SION	Revised Av Submit one copy to	orm C-102 agust 1, 2011 appropriate ct Office			
DISTRICT IV 1220 S. ST. FRANCIS 1 Phone: (505) 476-34		NM 67505 476-3462	WELL LO	CATION	ΔΝΠ ΔΓ	' <mark>ጽ</mark> ፑል	GE DEDICATI	ባለ ይገለጥ	□ AMEND	ED REPORT			
API	Number		1	Pool Code		14114	IGE DEDICATI	Pool Name					
Property	Code				Property MAST				Well Num 202				
OGRID N	0.			COC	Operator GOPERA				Elevatio	'n			
Surface Location													
UL or lot No.	Section	Township	Range	Lot Idn	Feet from	the	North/South line	Feet from the	East/West line	County			
1	4	24-S	32-E		50		NORTH	1310	EAST	LEA			
			Bottom	Hole Loc	ation If	Diffe	rent From Sur	face		I			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from	the	North/South line	Feet from the	East/West line	County			
P	9	24-S	32-E		50		SOUTH	1310	EAST	LEA			
Dedicated Acre		FILL BE A		TO THIS			INTIL ALL INTER		EN CONSOLIDA	ATED			
Г					П ПАЗ D.	EEIN	APPROVED B1	THE DIVISION					
		LOT 4 39.67 Ac 	LOT 3 39.55 Ac	50 LOT 2 39.62 Ac	LOT 1			I hereby herein is true my knowledge d organisation eit or unleased mini- including the p or has a right location pursue owner of such J or to a volunta compulsory poo- by the division. Signature Printed Name E-mail Address SURVEYO I hereby shown on this J notes of actual under my super true and correct	Da	vermation s best of this interest e land the en interest, interest, at or a e entered te VION l location m field ac or s same is y belief.			
				50	, В.н.)'1 <u>310'</u>			Certificate No W.O. # 20-2	286 DRAWN	17777 BY: DS			

Certificate No. CHAD HARCROW W.O. # 20-286 DRAWN

DRAWN BY: DS

DISTRICT I 1626 N. FRENCH DR., Ed Phome: (575) 383-8161 Fas DISTRICT II Bill S. FIRST ST., AR Phome: (575) 748-1283 P DISTRICT III 1000 RIO BRAZOS RD Phome: (605) 334-6176 DISTRICT IV 1220 S. ST. FRANCIS DR. Phome: (505) 476-3460	TESIA, NM 'az: (575) 74 ., AZTEC, N Pax: (505)	88210 8-8720 M 87410 334-6170	DIL C	erals & ONSI 1220 SC	k Natu ERVA OUTH S	TIC T. FI	W Mexico Resources De DN DIVIS RANCIS DR. xico 87505	SION	Revised Au Submit one copy to Distri	form C-102 agust 1, 2011 o appropriate ct Office ED REPORT
					AND A	CREA	GE DEDICATI	ON PLAT		
API N	umber			Pool Code				Pool Name		
Property Co	de		1	<u>_</u>	-	rty Nam			Well Num	ıber
				MAS			AL COM		30	
OGRID No.	e			CO	-	tor Nam RATIN	G, LLC		Elevatio 3676	-
					Surfac	e Loca	ation			
	Section	Township	Range	Lot Idn	Feet fro		North/South line	Feet from the	East/West line	County
		24-S	32-E		27		NORTH	330	EAST	LEA
							rent From Sur	face		
UL or lot No.	Section	Township	Range	Lot Idn	Feet from		North/South line	Feet from the	East/West line	County
Dedicated Acres	9 Joint o	24-S	32-E	Codo 0	5(der No.	,	SOUTH	330	EAST	LEA
Dedicated Acres	Joint			CDae Or	GET NO.					:
NO ALLOW	ABLE W						NTIL ALL INTER		EEN CONSOLIDA	ATED
					270-	7 15				
NAD 83 NI SURFACE LOC Y=456427.0 X=745743.1 LAT.=32.2530 LONG.=103.672	<u>ATION</u>) N ? E 63" N	$\frac{Y=456674.8}{X=743428}$ LOT 4 39.67 Ac		LOT 2 39.62 Ac	LOT 39.82	1	Y=456700.2 N X=746071.4 E O' 100' FNL & 330' FEL Y=456597.0 N X=745742.1 E LAT.=32.253330' N LONG.=103.672119' W <u>GRID AZ. TO FIP</u> 359'37'22'	I hereby berein is true my knowledge organisation ei or unleased m including the j or has a right location pursu owner of such	OR CERTIFICA certify that the inf and complete to the and belief, and that ther owns a working ineral interest in the proposed bottom hol to drill this well at ant to a contract win mineral or working ary pooling agreement oling order heretofor	ormation e best of this interest e land e location this th an interest
			, 	 	, ↓			Signature Printed Nam	Da	te
			, 	!	1					
				1				E-mail Addres		TON
		SECTION 04 SECTION 09					LEASE X-ING LAT.=32.239307' N LONG.=103.672112' W	I hereby shown on this notes of actua, under my supe true and corre OCT	OR CERTIFICAT certify that the well plat was plotted fro i surveys made by urrision, and that th ct to the best of m OBER 3, 2019 Date of Survey	l location m field ne or e same is
NAD 83 NH <u>PROPOSED BO</u> <u>HOLE LOCATI</u> Y=446194.6	<u>ITOM</u> I <u>ON</u> N		 			HORZ. DIST.	LEASE X-ING <u>LAT.=32.232054' N</u> LONG.=103.672108' W <u>LTP</u> 100' FSL & 330' FEL - Y=446244.6 N X=745810.2 E	CHI	D L. HARCRON U. HARCRON U. HARCRON U. HARCRON MEXIC 1777 SPESSIONAL CEAD HARCROW	
X=745810.5 LAT.=32.22493 LONG.=103.6723	16" N	<u>Y=446126</u> X=743489			50 ^{, B.H}	33	' LAT.=32.225073' N LONG.=103.672105' W	Certificate N W.O. # 17		0/12/19 17777 BY: AH

DISTRICT I 1625 N. FRENCH DR., H Phone: (576) 363-8181 Fe DISTRICT II DISTRICT III DISTRICT III DISTRICT IV 1000 R10 BRA20S RD Phone: (505) 334-8178 DISTRICT IV 1220 S. ST. FRANCIS DR Phone: (505) 476-3460 API N Property Co	TESIA, NM Par: (576) 74- , AZTEC, N Far: (505) Far: (505) Umber	86210 8-9720 IM 87410 334-6170	OIL C	erals 8 ONSI 1220 SC Santa F OCATION Pool Code	ERVATI()UTH ST. F Se, New Me	Resources De ON DIVIS RANCIS DR. xico 87505 AGE DEDICATION	SION	Revised Au Submit one copy ta Distri	ct Office ED REPORT
OGRID No.					Operator Nar			Elevatio	n
				CO(G OPERATIN	·		3678.	3'
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	4	24–S	32-E	Lot Ma	270	NORTH	930	EAST	LEA
		I	Bottom	Hole Loc	ation If Diff	erent 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
P	9	24-S	32-E		50	SOUTH	730	EAST	LEA
	VABLE W	OR A <u>Y=4566</u> X=7434, LOT 4 39.67 Ac NAD 8 <u>SURFACE</u> Y=4564 <u>X=745</u> LAT.=32.2	NON-STAN	LOT 2	270 930' S.L. 930' J.D.TI 1 1 J.S.B.2 Ac J.J. J.J.	UNTIL ALL INTER APPROVED BY 1 Y=456700.2 N X=746071.4 E 100' FNL & 730' FEL Y=456593.2 N X=74532.1 E LAI.=32.253526' N LONG.=103.673413' W GRID AZ. TO FIP 49'09'05' LEASE X-ING LAT.=32.239308' N LONG.=103.673405' W	THE DIVISION OPERAT(I hereby of herein is true a my knowledge a or ganisetion eith or unleased min including the pi or has a right including the pi or has a right including the pi or has a right including the pi or to a voluntai compulsory pool by the division. Signature Printed Name E-mail Address SURVEYON I hereby co shown on this p notes of actual under my super	DR CERTIFICA certify that the infa and complete to the ind belief, and that her owns a working ceral interest in the roposed bottom hol to drill this well at at to a contract wi mineral or working cry pooling agreeme ing order heretofor Da	TION primation a best of this interest a location this the sn interest, at or s e entered te TION t location m field re same is
	-	<u>PROPOSE</u> <u>HOLE 1</u> <u>Y=446</u> X=745 LAT.=32.			GRID AZ 179:37'23"	LEASE X-ING LAT.=32.232053' N LONG.=103.673402' W 100' FSL & 730' FEL Y=446241.6 N X=745410.2 E LAT.=32.225072' N LONG.=103.673398' W Y=446147.2 N X=746140.8 E	Da Signature & Se Chul	BER 3, 2019 ate of Survey sel of Frofessional L. HARCRO WEXIC 17777 SESSIONAL CHAD HARCROW 770 DRAWN	

DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 88240 Phome: (876) 393-6161 Par: (678) 383-6730 DISTRICT II Sill S. FIRST ST., ARTESIA, NM 86210 Phone: (676) 748-1223 Par: (576) 748-9720 DISTRICT III 1000 RIO BRAZOS RD., AZTEC, NM 87410 Phone: (605) 334-6178 Par: (506) 334-6170	325 N. 7782NCH DR., NOBES, NM 88240 Energy, Minerals & Natural Resources Department Nome: (676) 393-6161 Pax: (676) 583-0780 OIL CONSERVATION DIVISION 11 S. FIRST ST., ARTESIA, NM 88210 OIL CONSERVATION DIVISION 214 S. FIRST ST., ARTESIA, NM 88210 1220 SOUTH ST. FRANCIS DR. 215 TRICT III 1220 SOUTH ST. FRANCIS DR. 2000 RIO BRAZOS RD., AZTEC, NM 87410 Santa Fe, New Mexico 87505 Nome: (605) 334-6178 Pex: (606) 334-8170							
DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FE, NM 87505 Phone: (505) 476-3460 Pax: (505) 476-3462			□ AMENDED REPORT					
Phone: (505) 475-3480 Fax: (505) 475-3462	WELL LOCATION AND	ACREAGE DEDICATION PLAT						
API Number	Pool Code	Pool Name						
Property Code	Prop	erty Name	Well Number					
	MA	STIFF	501H					
OGRID No.	Oper	ator Name	Elevation					

COG OPERATING, LLC

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	4	24-S	32-E		50	NORTH	660	EAST	LEA

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
Р	9	24-S	32-E		50	SOUTH	660	EAST	LEA
Dedicated Acres	Joint o	r Infill Co	nsolidation (Code Ore	ler 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

LOT	4 LOT 3	50 [±] S.L.	660'	OPERATOR CERTIFICATION
39.67	7 Ac 39.55 Ac	LOT 2 39.62 Ac	LOT 1 39.82 Ac	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 beliom hole location
	 			or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
5				Signature Date
		╏── ─┤ ─		Printed Name
		<u>•</u>		E-mail Address
SECTIO	aw a l	J .		SURVEYOR CERTIFICATION
SECTIO				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.
	<u> </u>	·!	L	Date of Survey
	 - 			Signature & Scal of Professional Surveyor
		50 в.н.	660'	Certificate No. CHAD HARCROW 17777 W.O. # 20-288 DRAWN BY: AH

DISTRICT I 1025 N. FRENCH DR., Phoner (576) 308-6151 DISTRICT II Phone: (575) 748-128: DISTRICT III 1000 RIO BRAZOS 1 Phone: (505) 334-631	ARTESIA, NM 3 Pax: (575) 74 RD., AZTEC, N	B8210 8-9720	DIL C	erals & ONSI 1220 SC	ERVATI OUTH ST. F	Resources De	SION	Revised Au Submit one copy to	form C-102 agust 1, 2011 pappropriate ct Office			
DISTRICT IV 1220 S. ST. FRANCIS : Phone: (505) 478-34		NM 87505 476-3452	WELL LO	CATION	AND ACRE	AGE DEDICATI	ON PLAT	AMEND	ED REPORT			
API	Number			Pool Code			Pool Name					
Property	Code				Property Nam MASTIF			Well Num 502				
OGRID No. Operator Name Elevation COG OPERATING, LLC									n			
Surface Location												
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County			
1	1 4 24-S 32-E 50 NORTH 990 EAST LEA											
	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			
Р	9	24-S	32-E		50	SOUTH	990	EAST	LEA			
Dedicated Acre		VILL BE AS		TO THIS		UNTIL ALL INTER		EEN CONSOLIDA	ATED			
[LOT 4	LOT 3	LOT 2	50' 2 000'			OR CERTIFICA	TION			
	-	39.67 Ac		39.62 Ac	S.L.		I bereby berein is true my knowledge organisation ei or unleased mu including the j or bas a right location pursus owner of such or to a voluntu	certify that the inf and complete to the and belief, and their ther owns a working incral interest in the proposed bottom hold to drill this well at to drill this well to drill this well and to a contract we mineral or working ary pooling agreemed.	ormation a best of this this interest a location this th an interest, at or a e entered			
	Printed Name											

39.67 Ac	39.55 Ac	39.62 Ac	39.82 Ac	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 boltom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
				Signature Date
	ļ			Printed Name
				E-mail Address
SECTION 4 SECTION 9				SURVEYOR CERTIFICATION <i>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.
	· •			Date of Survey
· 	 			Signature & Seal of Professional Surveyor
	 			Certificate No. CHAD HARCROW 17777 W.O. # 20-289 DRAWN BY: DS

State of New Mexico

DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 85240 Phone: (575) 383-6161 Faz: (575) 383-6720 DISTRICT II 811 S. FIRST SL., ARTESIA, NM 865 Phone: (576) 746-1283 Faz: (575) 746 DISTRICT III 1000 RIO BRAZOS RD., AZTEC, NM Phone: (505) 334-6176 Faz: (505) 334	partment SION	Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office				
DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FE, NM Phone: (505) 478-3460 Fax: (505) 478						AMENDED REPORT
	WELL	LOCATION AN	<u>ND ACREAGE</u>	DEDICATIO	ON PLAT	
API Number		Pool Code			Pool Name	
Property Code			Property Name			Well Number
			MASTIFF			203H

Operator Name COG OPERATING, LLC

Elevation

OGRID No.

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	4	24-S	32-E		50	NORTH	2310	EAST	LEA

Bottom Hole Location If Different From Surface

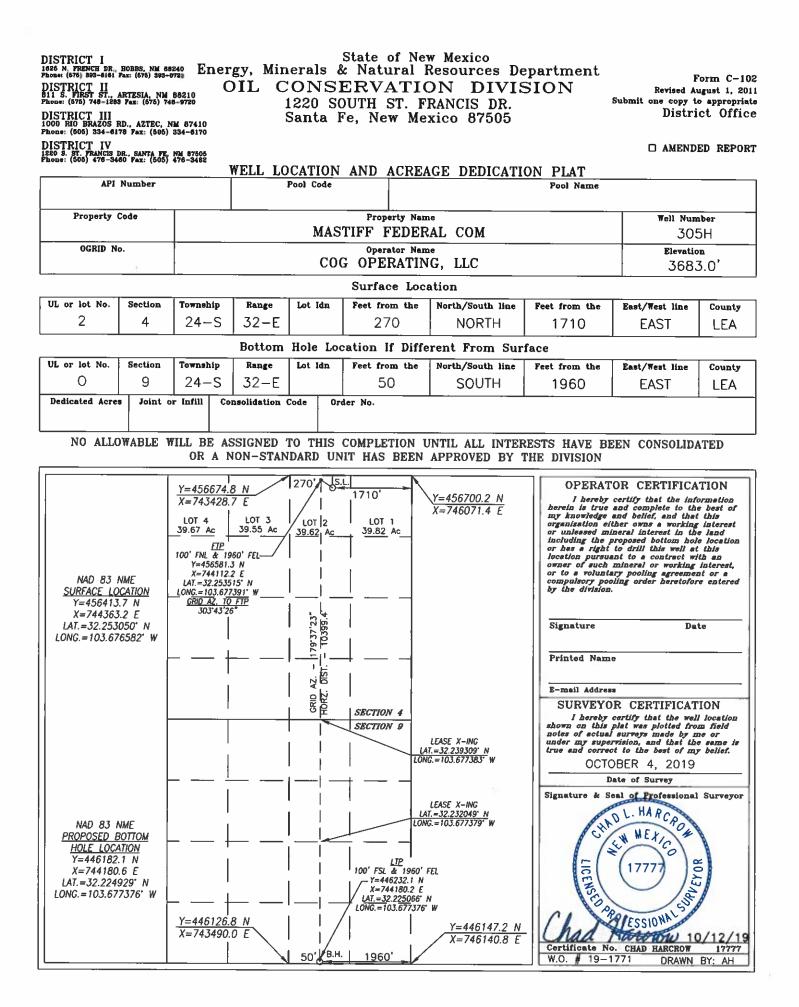
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	9	24-S	32-E		50	SOUTH	2310	EAST	LEA
Dedicated Acre	s Joint o	r Infill Co	nsolidation	Code Or	der No.		A 18010 .	•	

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

LOT 4 LO	от з 50' (s.L.	2310		OPERATOR CERTIFICATION
39.67 Ac 39.5	55 Ac LOT 2			I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unlessed 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
				Signature Date
└── └──		╡		Printed Name
SECTION 4 SECTION 9		 -		E-mail Address SURVEYOR CERTIFICATION <i>i</i> hereby certify that the well location shown on this plat was plotted from field notes of actual surveys mede by me or under my supervision, and that the same is true and correct to the best of my belief.
				Date of Survey
				Signature & Seal of Professional Surveyor
	50, B.H.	 2310'	_	Certificate No. CHAD HARCROW 17777 W.O. # 20-287 DRAWN BY: DS

DISTRICT I 1625 N. PRENCH DR., Pages: (576) 393-6161 I DISTRICT II 811 S. FIRST ST., A Phone: (676) 746-1283 DISTRICT III 1000 RIO BRAZOS R Phone: (505) 334-617 DISTRICT III	ARTESIA, NM Fai: (575) 74 RD., AZTEC, N	88210 8-9720	DIL C	erals & ONSI 1220 SC		Resources De DN DIVIS RANCIS DR.	SION	Revised Au Submit one copy to Distri	ct Office
DISTRICT IV 1220 S. ST. PRANCIS D Phone: (505) 476-340)R., SANTA FE, 80 Faz: (505)			CARLON				D AMEND	ED REPORT
API	Number			CATION Pool Code	AND ACREA	GE DEDICATI	ON PLAT Pool Name		
Property (MAS	Property Nam TIFF FEDER			Well Num 303H	
OGRID No	.				Elevatio 3678.				
					Surface Loca	ation			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	4	24-S	32-E		270	NORTH	1020	EAST	LEA
			Bottom	Hole Loo	ation 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
P	9	24-S	32-E		50	SOUTH	1010	EAST	LEA
Dedicated Acres			SSIGNED		der No.	INTIL ALL INTER	ESTS HAVE BE	EN CONSOLIDA	
						APPROVED BY 1			
		<u>Y=45667</u> X=74342 LOT 4 39.67 Ac <u>NAD 8.</u> <u>SURFACE</u> Y=4564 <u>X=7456</u> LAT.=32.2 LONG.=103.	28.7 E LOT 3 39.55 Ac 3 NME LOCATION 20.3 N 53.2 E 53056' N	LOT 2 39.62 Ac	270 1020' S.L. 39.82 Ac	Y=456700.2 N X=746071.4 E -100' FNL & 1010' FEL Y=456590.5 N X=745062.1 E LAT=32.253524' N LONC=103.674318' W <u>GRID AZ, TO FIP</u> 03'00'21"	I bereby of herein is true a my knowledge a organisation eiti or unlessed min including the p or has a right of location pursua owner of such z or to a volunta	DR CERTIFICA sertify that the infa and complete to the und belief, and that her owns a working reral interest in the roposed bottom hold to drill this well at at to a contract wi mineral or working ry pooling agreement ing order heretofor Dat	ormation best of this interest and than this the an interest, interest, at or a c entered
		<u>PROPOSE</u> <u>HQLE L</u> <u>Y=446</u> X=745 LAT.=32.2	33 NME D_BOTTOM OCATION 189.4 N 130.5 E 224933' N 3.674304' W			LEASE X-ING LAT.=32.239308" N LONG.=103.6743111" W LEASE X-ING LAT.=32.232052" N LONG.=103.674307" W 100" FSL & 1010" FEL Y=446239.4 N X=745130.2 E LAT.=32.225070" N LONG.=103.674304" W	I hereby of shown on this p notes of actual under my super true and correct OCTO De Signature & Se		f location m field de or seme is seme is belief. Surveyor
		<u>Y=44612</u> X=74349			в.н. 50', 1010'	Y=446147.2 N X=746140.8 E	Certificate No W.O. # 19-1		0/11/19 17777 BY: WN

DISTRICT I 1625 N. FRENCH DR., HOBBS Phone: (576) 393-8141 Pas: (57 DISTRICT II 811 S. FIRST ST., ARTESI Phone: (576) 748-1283 Pas: - DISTRICT III 1000 RIO BRAZOS RD., AZ Phone: (505) 334-6178 Pas	78) 393-072 IA, NM 88 (676) 745- ZTEC, NM	6210 19720	DIL C	erals & ONSI 1220 SC	c Natu ERVA OUTH S	ral H TIC T. FI	w Mexico Resources De DN DIVIS RANCIS DR. xico 87505	SION	Revised Au Submit one copy to	orm C-102 gust 1, 2011 appropriate ct Office
DISTRICT IV 1220 S. ST. FRANCIS DR., SAI Phone: (505) 476-3460 Fax	NTA 72, NJ II (505) 47	N 87505 78-3482	WELL LO	CATION	AND A	CREA	GE DEDICATIO	ON PLAT	D AMENDI	ED REPORT
API Numi	ber			Pool Code			•	Pool Name		
Property Code					Prope	rty Nam			Well Num	ber
			MASTIFF FED COM							н
OGRID No.				COO		tor Nam 2ATIN	G, LLC		Elevatio 3684	
	I_				Surfac				5004	r.0
UL or lot No. Sec	tion	Township	Range	Lot Idn	Feet from		North/South line	Feet from the	East/West line	County
2	4	24-S	32-E		27	0	NORTH	1620	EAST	LEA
LI			Bottom	Hole Loc	ation If	Diffe	rent From Surf	lace		
UL or lot No. Sec	tion	Township	Range	Lot Idn	Feet from	n the	North/South line	Feet from the	East/West line	County
0	9	24-S	32-E		50)	SOUTH	1485	EAST	LEA
Dedicated Acres J	loint or	Infill Co	nsolidation	Code Or	der No.		<u> </u>	I		
NO ALLOWAE	BLE WI						NTIL ALL INTER APPROVED BY 1		EN CONSOLIDA	TED
NAD 83 NME <u>SURFACE LOCATIO</u> Y=456414.6 N X=744453.3 E LAT.=32.253051* LONG.=103.676291	~	Y=456674. X=743428. LOT 4 39.67 Ac		270 S.L		7 "	Y = 456700.2 N $X = 746071.4 E$ FIP $Y = 456585.9 N$ $X = 744587.1 E$ $IAT = 32.253519' N$ $ONG. = 103.675855' W$ $GRID AZ. TO FIP$ $38'00'24'$	I bereby of herein is true of my knowledge a organisation eit, or unlessed min including the p or has a right location pursual owner of such 1 or to a volunta	OR CERTIFICA certify that the info and complete to the nud belief, and that her owns a working terel interest in the roposed bottom hold to drill this well at at to a contract win mineral or working cr pooling agreement ting order heretofor	rmation best of this interest land interest, it or a
		 		AZ	10R2. DIST 10400.4			Signature Printed Name E-mail Address		le
		<u>SCTION 4</u>					LEASE X-ING L <u>AT.=32.239308' N</u> NG.=103.675847' W	I hereby of shown on this p notes of solution under my super true and correct OCTO Da Signature & Se	R CERTIFICAT settify that the well- blat mess plotted fro. surveys made by n vision, and that the t to the best of my BER 4, 2019 sate of Survey sate of Survey sate of Survey $C_{\rm L}$ HARCO	location m field ne or same is belief.
NAD 83 NME <u>PROPOSED BOTTOM</u> <u>HOLE LOCATION</u> Y=446185.8 N X=744655.5 E LAT.=32.224931' N LONG.=103.675840'		 Y=446126. X=743490.	<u>8 N</u> 0 E	 50' вну	1485	LON	LEASE X-ING <u>I=32,232050' N</u> G.=103.675843' W <u>LIP</u> 00' FSL & 1485' FEL Y=446235.8 N X=74655.2 E LAT.=32,225068' N ONG.=103.675840' W <u>Y=446147.2 N</u> X=746140.8 E	LICENSED VER	L. HARCROW WEXICON 17777 ESSIONAL ESSIONAL CHAD HARCROW 774 DRAWN	and the second se



DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 80 Phone: (070) 350-6181 Par: (076) 383- DISTRICT II 811 S. FIRST ST., ARTESIA, NM Phone: (575) 746-1263 Par: (575) 74 DISTRICT III 1000 R10 BRAZOS RD., AZTEC, 1 Phone: (505) 334-6178 Par: (505)	88210 8-9720	DIL C	erals & ONS I 220 S0	ERVAT	I F TC FF	v Mexico Resources De DN DIVIS RANCIS DR. Kico 87505	SION	Revised Au Submit one copy to	orm C-102 agust 1, 2011 appropriate ct Office
DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FE, Phone: (505) 476-3460 Pax: (505)	NM 87606 476-3462	WELL LO	CATION	AND ACE	REA	GE DEDICATIO	ON PLAT	□ AMEND	ED REPORT
API Number		J	Pool Code				Pool Name		
Property Code		<u>.</u>		Property MAST				Well Num 503	
OGRID No.		Operator Name COG OPERATING, LLC						Elevatio	ם
				Surface]	Loca	ation			
UL or lot No. Section	Township	Range	Lot Idn	Feet from t	he	North/South line	Feet from the	East/West line	County
2 4	24-S	32-E		50		NORTH	1650	EAST	LEA
		Bottom	Hole Loc	ation If D	iffe	rent From Surf	face		
UL or lot No. Section	Township	Range	Lot Idn	Feet from t	he	North/South line	Feet from the	East/West line	County
0 9	24-S	32-E		50		SOUTH	1650	EAST	LEA
Dedicated Acres Joint of NO ALLOWABLE N	TILL BE A		TO THIS			NTIL ALL INTER		EN CONSOLIDA	ATED
	LOT 4 39.67 Ac 	LOT 3	50' G s LOT 2 39.62 Ac 	I 1650' LoT 1 39.82 Ac III IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII			I hereby of herein is true a my knowledge a organisation eit, or unleased min including the p or has a right location pursue, owner of such i or to a volunts, compulsory pool by the division. Signature Printed Name E-mail Address SURVEYO Shown on this j notes of actual under my super true and correct Di Signature & Se	R CERTIFICAT sertify that the well olat was plotted fro surveys made by m vision, and that the t to the best of my ate of Survey sal of Professional construction of the second second construction of the second construction of the seco	TON this best of this interest and the location this then the entered te TION location m field are or same is belief.

DISTRICT I 1926 N. FRENCH DR., Phone: (970) 393-5181 DISTRICT II 814 S. HIRST ST., Phone: (575) 748-1285 DISTRICT III 1000 BIO BRAZOS I Phone: (508) 334-61	ARTESIA, NM 3 Fax: (375) 74 RD., AZTEC, N	88210 8-9720	DIL C	erals & ONSI 1220 SC	2 Natu ERV JUTH	ural H ATIC ST. Fl	w Mexico Resources De DN DIVIS RANCIS DR. xico 87505	SION	Revised Au Submit one copy to	form C-102 agust 1, 2011 o appropriate ct Office
DISTRICT IV 1220 S. ST. FRANCIS 1 Phone: (505) 476-34									C AMEND	ED REPORT
,	Number	476-3462	1		AND	ACREA	GE DEDICATI			
API	NUMBER			Pool Code				Pool Name		
Property	Code				-	erty Nam STIFF			Well Num 504	
OGRID No. Operator Name COG OPERATING, LLC							Elevatio	a		
					Surfa	ce Loca	ation			
UL or lot No.	Section	Township	Range	Lot Idn	Feet fr		North/South line	Feet from the	East/West line	County
2	4	24-5	32-E			0	NORTH	1980	EAST	LEA
UL or lot No.	Section	Tomohio		r			rent From Sur		P	
	Section 9	Township 24-S	Range 32-E	Lot Idn	Feet fr	Om the	North/South line SOUTH	Feet from the 1980	East/West line EAST	County LEA
Dedicated Acre	s Joint c	r Infill Co	onsolidation	Code Ore	ler No.	-				
NO ALLO	WABLE W						NTIL ALL INTER		EN CONSOLIDA	ATED
		URAI	NUN-STAN	IDARD UN	IT HAS	BEEN	APPROVED BY 1	THE DIVISION]
		LOT 4 39.67 Ac	LOT 3			DT 1		I hereby herein is true my knowledge at organisation cit or unlessed min including the p or has a right location pursus owner of such or to a volunta	OR CERTIFICA certify that the inf and complete to the mad belief, and that ther owns a working neral interest in the roposed bottom hol to drill this well at to a contract wi mineral or working iry pooling agreeming ling order heretofor	ormation e best of this interest e land s location this th an interest, at or a re entered
			 	i				Printed Name		
		SECTION 4 SECTION 9	 		 			I hereby of shown on this notes of actual under my super true and correct	R CERTIFICAT certify that the wel- plat was plotted fro surveys made by z wision, and that the trision, and that the to the best of my ate of Survey sel of Professional	i location m field ne or e same is y belief.
				 — 50°с —				Certificate No W.O. # 20-	- CHAD HARCROW 291 DRAWN	17777 BY: DS

DISTRICT I 1625 N. FRENCE DE., Phone: (07) 393-6161 DISTRICT II 511 S. FIRST ST., Phone: (575) 748-128: DISTRICT III 1000 RIO BRAZOS I Phone: (505) 334-61 DISCRICT IV	Pax: (575) 393-(ARTESIA, NM 3 Fax: (575) 74 RD., AZTEC, N	88210 8-9720	DIL C	erals & ONSI 1220 SC	ERVAT	l F IC Fl	v Mexico Resources De DN DIVIS RANCIS DR. xico 87505	SION	Revised Au Submit one copy to Distri	ct Office
DISTRICT IV 1220 S. ST. FRANCIS 1 Phone: (505) 476-34	DR., SANTA FE. 80 Fax: (505)	NN 87505 476-3462							C AMENDI	ED REPORT
APT	Number		1	CATION Pool Code	AND ACE	REA	<u>GE DEDICATI</u>	ON PLAT Pool Name		
	number							i oor mane		
Property	Code Property Name								Well Num	ber
		MASTIFF							204	Η
OGRID N	OGRID No. Operator Name COG OPERATING, LLC								Elevatio	n
				00			•			
Surface Location										
UL or lot No.	Section	Township	Range	Lot Idn	Feet from t	he	North/South line	Feet from the	East/West line	County
N	4	24-S	32-E		50		SOUTH	1720	WEST	LEA
			Bottom	Hole Loc	cation If D	iffe	rent From Sur	face		
UL or lot No.	Section	Township	Range	Lot Idn	Feet from t	he	North/South line	Feet from the	East/West line	County
С	33	23-S	32-E		50		NORTH	1720	WEST	LEA
Dedicated Acre	Dedicated Acres Joint or Infill Consolidation Code Order No.									
NO ALLO	WABLE V	VILL BE A	SSIGNED '	TO THIS	COMPLETIO	N U	INTIL ALL INTER	ESTS HAVE BI	EN CONSOLIDA	TED
							APPROVED BY 7			
		1720'	в.н. 50'	1	·	T	···· ·		OR CERTIFICA	TION
		1720	1 D.n. 00	1	1			I hereby	certify that the info	ormation
					 	-		my knowledge organization ei or unleased mu including the j or has a right location pursuu owner of such or to a volunt.	and complete to the and belief, and that ther owns a working ineral interest in the proposed boltom bolt to drill this well at to drill this well at to contract wi mineral or working ary pooling agreemen aling order heretofor	this interest land location this th an interest, nt or a
								Signature	Dat	te
				I	↓			Printed Nam	e	
				1	1					[]
				l l				E-mail Addres	R CERTIFICAT	
	i i			i	SECTION 33	4		i hereby	certify that the well	location
		LOT 4	LOT 3	LOT 2	SECTION 4			notes of actual under my supe	plat was piotted fro. I surveys made by n rvision, and that the ct to the best of my	ne or same is
		39.67 Ac	39.55 Ac	39.62 Ac	LOT 1 39.82 Ac	1				
		1	⊢ + ──	I — –	1	-			ate of Survey	
	1			I		1		Signature & S	eal of Professional	surveyor

1720' |

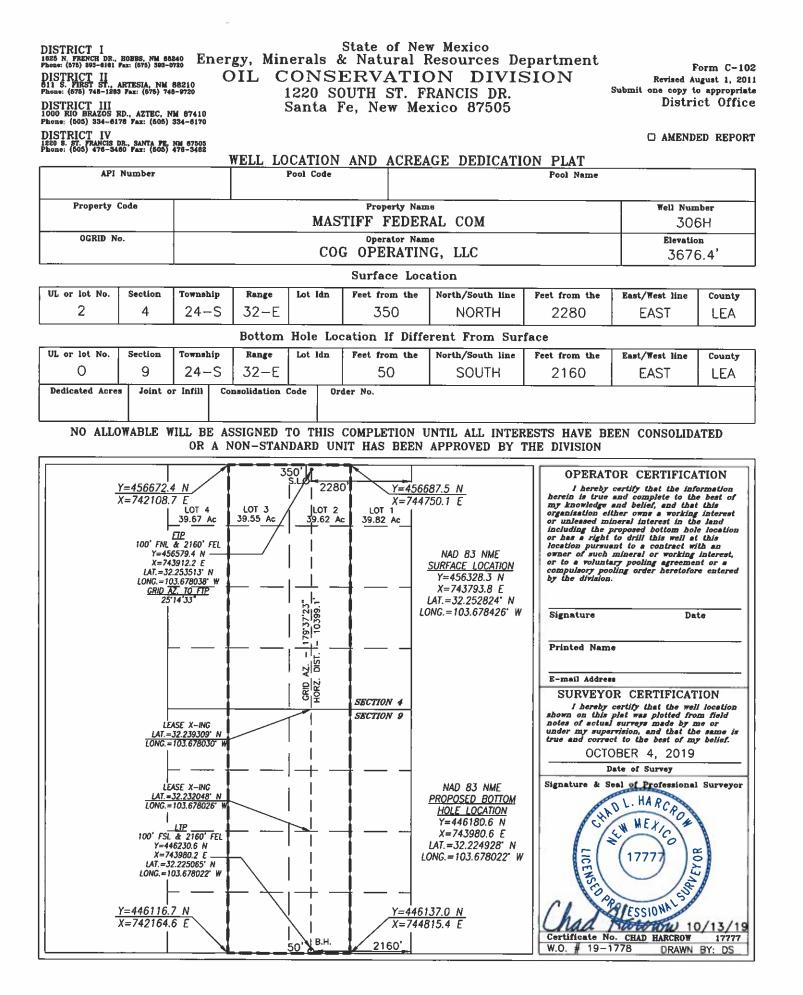
S.L. 50'

Signature & Seal of Professional Surveyor

 Certificate No. CHAD HARCROW
 17777

 W.O. #20-292
 DRAWN BY: WN

17777



DISTRICT I 1828 M. FRENCH DR., HI Phone: (576) 393-6161 Fax DISTRICT II 611 S. FIRST ST., AR Phone: (576) 748-1283 F DISTRICT III 1000 RIO BRAZOS RD. Phone: (506) 334-6178	:: (675) 393-0 TESIA, NM 'az: (575) 740 ., AZTEC, N	88210 5-9720 M 87410	OIL C	erals & ONSI 1220 SC	c Natu ERVΑ OUTH S	iral H ATIC ST. F	w Mexico Resources De DN DIVIS RANCIS DR. xico 87505	SION	Revised Au Submit one copy to	form C-102 agust 1, 2011 o appropriate ct Office
DISTRICT IV 1220 B. ST. FRANCIS DR. Phone: (505) 478-3460										ED REPORT
	umber	476-3462			AND A	ACREA	GE DEDICATIO			
APIN	umber			Pool Code				Pool Name		
Property Co	de			MAS		EDER	AL COM		Well Num 307	
OGRID No.				coc	•	ator Name RATIN	G, LLC		Elevation 3675	
L		<u>I</u>			Surfac	e Loca	ation			
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro	m the	North/South line	Feet from the	East/West line	County
2	4	24-5	5 32-Е		35	50	NORTH	2370	EAST	LEA
				Hole Loc	ation I	f Diffe	erent From Surf	ace		
UL or lot No.	Section 9	Township		Lot Idn	Feet fro		North/South line	Feet from the	East/West line	County
Dedicated Acres	Jointo		Consolidation	Code Orr	5(SOUTH	2635	EAST	LEA
Y=	=456672.4 =742108.	OR A			IT HAS	BEEN Y=4566 X=7447	JNTIL ALL INTER APPROVED BY T 387.5 N 750.1 E	THE DIVISION OPERATO <i>i herein is true a</i> <i>my knowledge a</i> <i>organisation eili</i> <i>juciuding the pi</i>	EN CONSOLIDA DR CERTIFICA pertify that the infu- and complete to the nod belief, and the ber owns working teral interest in the roposed bottom holo to drill this well as	TION prmation best of this interest a location
	100' FNL Y=45 X=74 LAT.=32 LONG.=10 <u>GRID A</u>	& 2635' FE. 6574.9 N 3437.2 E 2253508' N 13.679575' W Z. TO FTP '51'38'	·	DIST		LC	NAD 83 NME <u>SURFACE LOCATION</u> Y=456327.4 N X=743703.8 E LAT.=32.252823' N DNG.=103.678717' W	location pursual owner of such z or to a voluntal computery pool by the division. Signature Printed Name E-mail Address SURVEYOI I hereby c	nt to a contract wi mineral or working y pooling agreeme ling order heretofor Da R CERTIFICAT ertify that the wel	th an interest, at or a e entered te
	100' FSL Y=446 X=743 LAT.=32.	1309" N 79567" W 		 	SECTIO		NAD 83 NME <u>PROPOSED BOTTOM</u> <u>HOLE LOCATION</u> Y=446177.0 N X=743505.6 E LAT.=32.224926' N ONG.=103.679558' W	shown on this p notes of actual under my super true and correct OCTO Da Signature & Se CHA	olations plotted fro surveys made by z vision, and that the t to the best of m BER 4, 2019 ate of Survey al of Professional L. HARCROM WEXIC	m field ne or seme is r belief.
<u>Y=</u> X:	=446116. =742164.	7 N 6 E	50	B.H. 2635			1 <u>37.0 N</u> 315.4 E	Certificate No W.O. # 19-1	ESSIONAL CEAD BARCROW 775 DRAWN	0/13/19 17777 BY: DS

DISTRICT II B11 5. FIRST ST., ARTESIA, NM 68210 Phone: (676) 746-1283 Par: (576) 748-8720 DISTRICT III 1000 RIO BRAZOS RD., AZTEC, NM 87410 Phone: (506) 334-6178 Par: (506) 334-6170 DISTRICT IV	1000 River: (676) 3930-0101 Part: (676) 3930-0720 Energy, Minerals & Natural Resources Department Form C-102 11 S. PIRST ST., ARTESIA, NN 80210 OIL CONSERVATION DIVISION Revised August 1, 201 11 S. PIRST ST., ARTESIA, NN 80210 1220 SOUTH ST. FRANCIS DR. Submit one copy to appropriate DISTRICT III 1220 SOUTH ST. FRANCIS DR. Submit one copy to appropriate DISTRICT III Santa Fe, New Mexico 87505 District Office								
Phone: (505) 478-3460 Fax: (505) 478-3462		ACREAGE DEDICATION PLAT							
API Number	Pool Code	Pool Name							
Property Code		perty Name ASTIFF	Well Number 205H						
OGRID No.	Оре	rator Name ERATING, LLC	Elevation						
	Surfa	ace Location							

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	4	24-S	32-E		50	SOUTH	730	WEST	LEA

Bottom Hole Location If Different From Surface

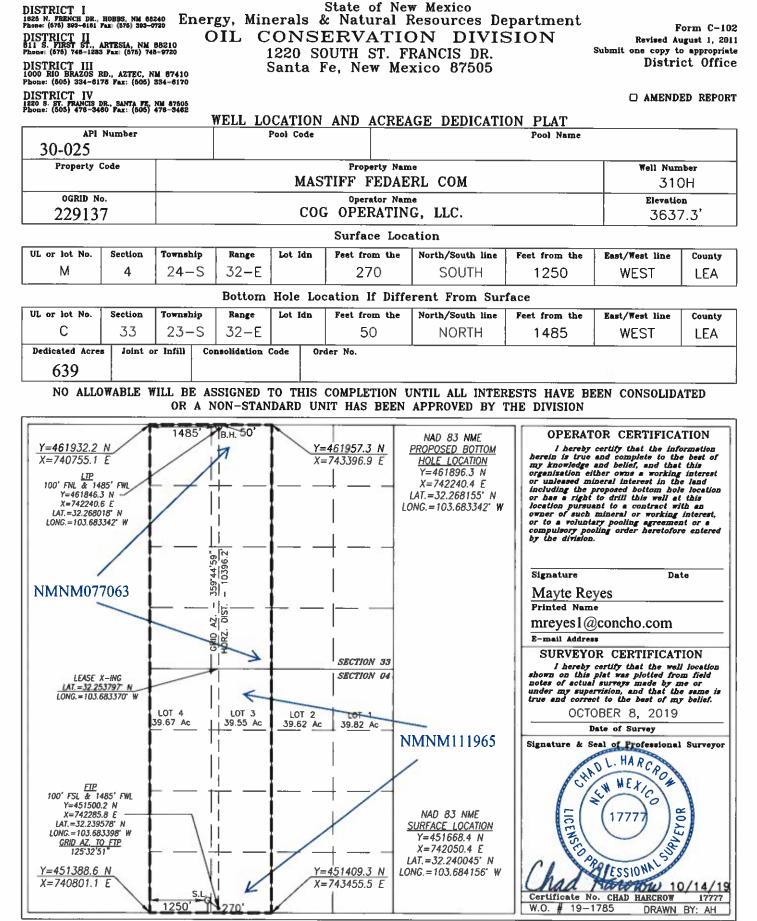
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	33	23-S	32-E		50	NORTH	730	WEST	LEA
Dedicated Acres	s Joint o	r Infill Co	nsolidation (Code Or	ier No.			<u> </u>	

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

730' B.H. 50'	OPERATOR CERTIFICATION I hereby certify that the information 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 mineral or working interest,
	or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature Date Printed Name
LOT 3 LOT 2 SECTION 4	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
5 6 J9.55 Ac J9.62 Ac LOT 1 39.82 Ac J9.82 Ac J9.82 Ac	under my supervision, and that the same is true and correct to the best of my belief.
730' SL_50'	Certificate No. CHAD HARCROW 17777 W.O. #20-293 DRAWN BY: WN

DISTRICT I 1826 N. FRENCH DR., HO Phome: (575) 385-0101 FAT DISTRICT II 011 S. MIST ST., AR: Phone: (676) 746-1283 F DISTRICT III 1000 RIO BRAZOS RD. Phone: (505) 334-6178 DISTRICT IV 1280 S. FT. FRANCIS DR. Phone: (505) 476-3460 API Nu Property Con	TESIA, NM = ax: (575) 744 , AZTEC, N Fax: (505) = , SANTA FE, Pax: (505) = umber	88210 9-9720 M 87410 334-6170	OIL C	nerals & CONS 1220 S(Santa I <u>OCATION</u> Pool Code	& Natura ERVAT OUTH ST. Fe, New 1 AND ACF	New Mexico I Resources De FRANCIS DR. Mexico 87505 REAGE DEDICATI	SION	Revised Au Submit one copy t Distri	ct Office ED REPORT
OGRID No.				CO	······································	Elevation 3637.4'			
					Surface I	ocation			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from th	e North/South line	Feet from the	East/West line	County
N	4	24-S	32-E		270	SOUTH	2280	WEST	LEA
		I		<u> </u>					
				-	1	ifferent From Sur			
	Section 77	Township	Range	Lot Idn	Feet from th	,	Feet from the	East/West line	County
C	33	23-S	32-E		50	NORTH	2160	WEST	LEA
Dedicated Acres	Joint o	r Infill (Consolidation	Code Or	der No.				_
NO ALLOW <u>Y=461932.2 N</u> X=740755.1 E 100' FNL & 21 Y=4618521. X=7491821. X=7491821. LAT.=32.2680 LONG.=103.681	60' FM 7 N 6 E 24' N	OR A		NDARD UN		N UNTIL ALL INTE EN APPROVED BY NAD 83 NME PROPOSED BOTTOM HOLE LOCATION Y=461902.7 N X=742915.4 E LAT.=32.268162' N LONG.=103.681158' W	THE DIVISION OPERAT(I bereby herein is true my knowledge organisation ell or unleased mini including the p or has a right location pursua	OR CERTIFICA certify that the inf and complete to the and belief, and their her owns a working neral interest in the roposed bottom hold to drill this well ein in to a contract working ry pooling agreeme. ling order heretofor Da	TION ormation e best of this r interest e location this the an interest, at or a re entered
LEASE 2 <u>LAT.=32.25</u> LONG.=103.6 100' FSL & 211 Y=451505.5 X=742960. LAT.=32.2395 LONG.=103.681 <u>GRID AZ. 10</u> 214'57'35 <u>Y=451388.6 N</u> X=740801.1 E	<u>3789' N</u> 81187' W 60' FWL 5 N 8 E 82' N 215' W <u>FTP</u> 5	LOT 4 39.67 Ac	LOT 3 39.55 Aq	LOT 2 39.62 Ac	SECTION 33 SECTION 4 LOT 1 39.82 Ac 	NAD 83 NME <u>SURFACE LOCATION</u> Y=451676.4 N X=743080.3 E LAT.=32.240050' N	I hereby a shown on this notes of actual under my super true and correc OCTO Do Signature & Se City	R CERTIFICAT R CERTIFICAT Certify that the web plat was plotted fro surveys made by z vision, and that the t to the best of m DBER 8, 2019 ate of Survey Pal of Professional DL. HARCROM MEXICO 17777 ST ESSIONAL 11 CHAD HARCROW	l location m field ne or e same is y belief.

DISTRICT I 1625 N. FRENCH DR., HOBBS, N Phone: (576) 393-6151 Fax: (578) DISTRICT II 611 S. FRST ST., ARTESIA, Phone: (576) 748-1233 Fax: (57 DISTRICT III 1000 RIO BRAZOS RD., AZTI Phone: (505) 334-6178 Fax: (NM 88210 5) 748-9720 C. NM 87410	OIL C	erals & ONSI 220 S0	ERVATI OUTH ST. 1	ew Mexico Resources De ION DIVIS FRANCIS DR. exico 87505	SION	Revised Au submit one copy to	form C-102 agust 1, 2011 o appropriate ct Office	
DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA Phone: (505) 476-3460 Fax: (AMEND	ED REPORT	
API Number		1	CATION	AND ACRE	EAGE DEDICATIO	ON PLAT Pool Name			
							_		
Property Code			MAS'	Property Ne TIFF FEDE			Well Number 309H		
OGRID No.				Operator Na G OPERATI			Elevation 3637.6'		
Į	1				/.0				
UL or lot No. Section	n Township	Range	Feet from the	East/West line	County				
N 4	24-S	32-E		270	SOUTH	2250	WEST	LEA	
· · · · · · · · · · · · · · · · · · ·		Bottom	Hole Loc	ation If Dif	ferent From Surf	ace			
UL or lot No. Section		Range	Lot Idn	Feet from the	East/West line	County			
C 33 Dedicated Acres Joi		32-E		50 der No.	NORTH	1960	WEST	LEA	
NO ALLOWABL	OR A		DARD UN		UNTIL ALL INTER N APPROVED BY T	HE DIVISION	EN CONSOLIDA	TION	
		GRID_AZ 359'44'59" HORZ. DIST 10397.0'	LTI 100' FNL & Y = 46182 X = 7427 LAT.=32.26 LONG.=103.0	1960' FWL 50.8 N 15.6 E 58022' N	NAD 83 NME <u>PROPOSED BOTTOM</u> <u>HOLE LOCATION</u> Y=4619900.8 N X=742715.4 E LAT.=32.268160° N LONG.=103.681805° W	organisation etti or unlessed min including the pi or has a right i location pursual owner of such p or to a voluntar compulsory pool by the division. Signature E-mail Address SURVEYOI I hereby c		r Interest e Jand e Jand i this i this interest, at or s e entered te TION J Jocetion	
LEASE X-ING <u>LAI.=32.253791' N</u> LONG.=103.681834' <u>Y=451388.6 N</u> X=740801.1 E	LOT 4 39.67 Ac	LOT 3 39.55 Ac	100' FSL & Y=451! X=742.2 LAT.=32.2 LONG.=103 <u>GRID AZ</u> 239'1 239'1 239'1	LOT 1 LOT 1 39.82 Ac 1960' FWL 1960' FWL	NAD 83 NME <u>SURFACE LOCATION</u> Y=451676.2 N X=743050.3 E LAT.=32.240049° N LONG.=103.680922° W	notes of actual under my super- true and correct OCTO Da Signature & Se	surveys made by m vision, and that the to the best of my BER 8, 2019 Ale of Survey al of Professional L. HARCRON WEXICON MEXICON MEXICON MEXICON CSSIONALS MESSION	ne or s same is y belief.	



Per LR2000 Sec. 4 Lot 3: 39.56 Lot 4: 39.44

DISTRICT I 1826 N. FRENCH DR., Fhuse: (576) 383-6161 J DISTRICT II B11 S. FIRST ST., A Phone: (576) 746-1283 DISTRICT III 1000 RIO BRAZOS R Phone: (505) 334-615 DISTRICT IV 1220 S. ST. FRANCIS D Phone: (505) 476-346	nr: (675) 393-0 RTESIA, NM Fax: (575) 74 D., AZTEC, N 8 Fax: (505)	88210 8-9720 M 87410 334-8170	DIL C	erals 8 ONSI 1220 SC	ERVATIONUTH ST. F	w Mexico Resources De ON DIVIS RANCIS DR. exico 87505	SION	Revised Au Submit one copy to Distri	orm C-102 gust 1, 2011 appropriate ct Office ED REPORT
	Number	1	<u></u>	CATION	AND ACRE.	AGE DEDICATI			
API	мищоег			rool Lode			Pool Name		
Property (ode				Property Na	ne		Well Num	iber
			505	5H					
OGRID No			Elevatio	а					
		-			Surface Loc	ation			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
м [4	24-S	32-E		50	SOUTH	990	WEST	LEA
			Bottom	Hole Loc	ation If Diff	erent 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	33	23-S	32-E		50	NORTH	990	WEST	LEA
NO ALLO	WABLE W					UNTIL ALL INTER Approved by 1		EN CONSOLIDA	TED
		990' B.H	LOT 3 39.55 Ac	LOT 2	SECTION 35 SECTION 4 LOT 1 39.82 Ac		I hereby herein is true my knowledge organisation ei or unleased mu- including the j or has a right location pursui- owner of such or to a volunti compulsory pack by the division Signature Printed Nam E-mail Address SURVEYO I hereby shown on this notes of actus, under my supe true and corre-	e Da	vermation = best of this interest = land = location this interest, it or a = entered te ION location m field te or = same is y belief.

990' s.y 50'

Certificate No. CHAD HARCROW 17777 W.O. #20-295 DRAWN BY: WN

DISTRICT I 1625 N. FRENCH DR., Phone: (575) 395-6161 DISTRICT II 611 S. FIRST ST., Phone: (676) 746-1262 DISTRICT III 1000 R10 BR4205 1 Phone: (505) 334-61 DISTRICT IV 1520 S. 87. FRANCIS Phone: (505) 476-34	Pax: (575) 503-(ARTESIA, NM 3 Pax: (575) 74 RD., AZTEC, N 78 Pax: (505) DR., SANTA FE, 60 Pax: (505)	88210 8-9720 IM 87410 334-6170 NM 87505 478-3482	WELL LO	erals & ONSI 1220 SC Santa I CATION	k Natu ERV4 OUTH S Se, Nev	iral F ATIC ST. F w Me:	W Mexico Resources De DN DIVIS RANCIS DR. xico 87505	SION	Revised A Submit one copy t Distri	form C-102 agust 1, 2011 o appropriate ct Office ED REPORT			
API	Number			Pool Code				Pool Name					
Property	Code		I	· · ·	•	erty Nam STIFF			Well Num				
OGRID No. Operator Name Elevation COG OPERATING, LLC													
		I			Surfac	e Loca	ation	· · · • •					
UL or lot No.	Section	Feet from the	East/West line	County									
М	4	24-S	32-E			C	SOUTH	330	WEST	LEA			
			Bottom	Hole Loo	cation I	f Diffe	rent From Sur	face	<u> </u>				
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro	m the	North/South line	Feet from the	East/West line	County			
D	33	23-S	32-E		50	D	NORTH	330	WEST	LEA			
Dedicated Acre		VILL BE A		TO THIS			UNTIL ALL INTER APPROVED BY 1		EEN CONSOLIDA	ATED			
	330	В.н. 50 						I hereby herein is true my knowledge organisation e or unleased m including the or has a right location pursu owner of such or to a volum	TOR CERTIFICA certify that the inf and complete to the and belief, and the interal interest in the proposed bottom hoi ito drill this well at to drill this well at mineral or working ary pooling agreeme oling order heretofor b.	ormation e best of this this therest e land to location this the an interest, at or a			

T Т Signature Date **Printed** Name E-mail Address SURVEYOR CERTIFICATION SECTION 33 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. SECTION 4 LOT 4 LOT 3 LOT 2 LOT 1 39.82 Ac 39.67 Ac 39.55 Ac 39.62 Ac Date of Survey Signature & Seal of Professional Surveyor

Certificate No.CHADHARCROWW.O.#20-295DRAWN

17777

DRAWN BY: WN

330(

S.L. 50'

ISTRICT IV 20 s. st. francis dr.	Fax: (505)	M 87410 334-6170	2	Santa			FRANCIS DR. Exico 87505		Distri	et Offic
one: (505) 476-3460	, SANTA FE, Fax: (505)	NM 87505 476-3462	WELL LO		I ANTS A	ODE			() AMEND	ED REPUR
API N	umber			Pool Code			AGE DEDICATI	Pool Name		
Property Co	de				-	rty Nai STIFI			Well Num 507	
OGRID No.				CO	Operat	tor Nam			Elevatio	
		1			Surfac	e Loc	eation			
L or lot No.	Section	Township	Range	Lot Idn	Feet from	n the	North/South line	Feet from the	East/West line	County
N	4	24-S	32-E		50)	SOUTH	1355	WEST	LEA
			Bottom	Hole Lo	ocation If	Diff	erent From Sur	face		
L or lot No.	Section	Township	Range	Lot Idn	Feet from	n the	North/South line	Feet from the	East/West line	County
C	33	23-S	32-E		50)	NORTH	1355	WEST	LEA
					 			my knowledge a organisation eit or unlessed min including the p or has a right location pursus owner of such or to a volumts	and bomplete to the and belief, and that ber owns a working nerval interest in th roposed bottom hol to drill this well as int to a contract wind mineral or working ry pooling agreemen ling order heretofor	this interest and location this th an interest, of or a
						_		Signature Printed Name	Da	te
		LOT 4	LOT 3	LOT 2	SECTION SECTION	4		I hereby of shown on this notes of actual under my super	R CERTIFICAT certify that the well plat was plotted fro surveys made by n rvision, and that th i to the best of my	l location m field ne or same is
		39.67 Ac	39.55 Ac	39.62 Ac				Di Signature & Se	ate of Survey	

s.L. 50'

1355'

 Certificate No. CHAD HARCROW
 17777

 W.O. #20-293
 DRAWN BY: WN

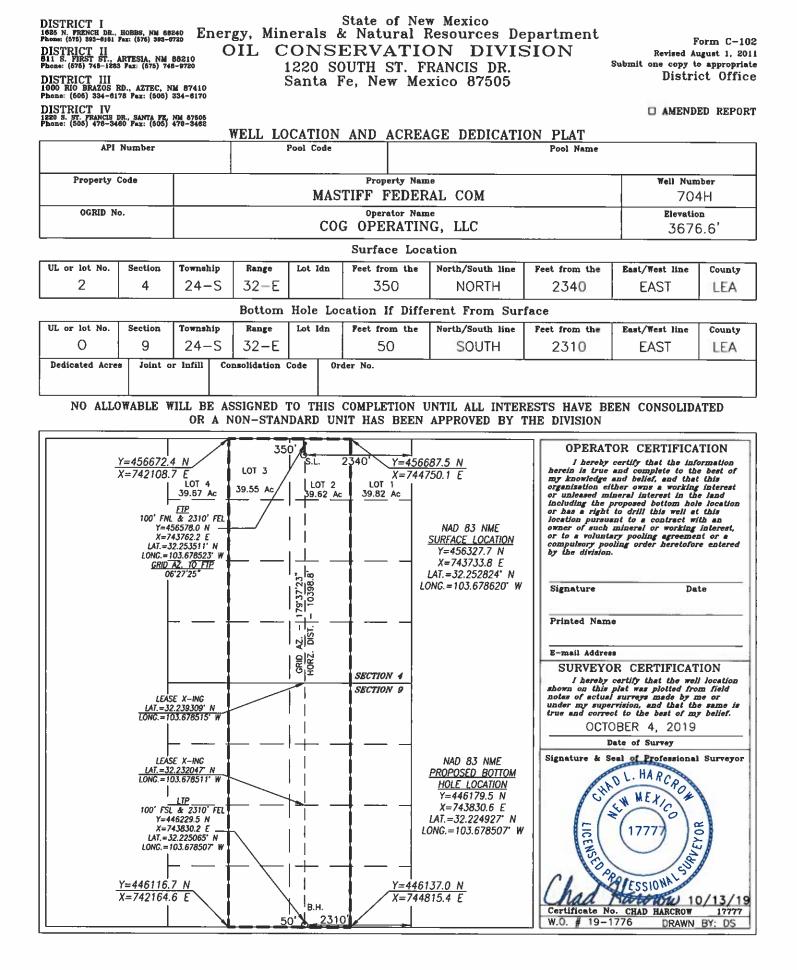
DISTRICT I 1625 N. FRENCH DR., HH Freens: (476) 383-6161 Fau DISTRICT II 811 S. FIRST ST., AR Phone: (576) 748-1283 I DISTRICT III 1000 RIO BRAZOS RD Phone: (505) 334-6178 DISTRICT IV 1220 S. ST. FRANCIS DR. Phone: (805) 478-3460 API N Property Co	TESIA, NM 'ax: (575) 740 ., AZTEC, N Fax: (505) SANTA FE, Fax: (505) umber	88210 8-9720 M 87410 334-6170 NM 87505 478-3482	DIL C	erals & ONSI 1220 S(Santa H OCATION Pool Code	ERVATI OUTH ST. F Se, New Me	Resources De ON DIVIS RANCIS DR. xico 87505 AGE DEDICATI	SION	Revised An Submit one copy t Distri	ct Office ED REPORT
OGRID No.					Blevatio 3675	76.0			
					Surface Loc	ation			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	4	24-S	32-E		270	NORTH	360	EAST	LEA
			Bottom	Hole Loo	ation If Diff	erent 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
P	9	24-S	32-E		50	SOUTH	330	EAST	LEA
Dedicated Acres	Joint o	r Infill Co	nsolidation	Code Or	der No.				
	-	LOT 4 _39.67 Ac	<u>SURFACE</u> Y=4564 X=7457 LAT.=32.2		270 G S.L. 360' J.LOT 1 J 39.82 Ac	Y=456700.2 N X=746071.4 E IOO' FNL & 330' FEL Y=456597.0 N X=7457421 E LAT.=32.253530' N LONC.=103.672119' W <u>GRID AZTO_FTP</u> 09'37'34"	I hereby of herein is true of my knowledge a organisation eit or unleased min including the p or has a right location pursual owner of such 1 or to a volunta	OR CERTIFICA certify that the inf and complete to the nud belief, and that her owns a working areal interest in the roposed boltom bol to drill this well at at to a contract wi mineral or working ry pooling agreement ling order heretofor	ormation s best of this interest e location this than interest, of or a s entered
	-	SECTION 8	PROPOSE	аларана 33 NME <u>р воттом</u> 00041/04	GRID AZ 179.37'23" HORZ. DIST 10402.6'	LEASE X-ING <u>LAT.=32.239307' N</u> LONG.=103.672112' W LEASE X-ING LAT.=32.232054' N	shown on this p notes of actual under my super true and correc OCTO Du Signature & Se	olat was plotted fro surveys made by m vision, and that the t to the best of m DBER 3, 2019 ate of Survey sal of Professional L. HARCO	m field ne or e same is v belief.
	-		Y <u>=446</u> X=7450 LAT.=32.2			LIP 100' FSL & 330' FEL Y=446244.6 N X=745810.2 E LAT.=32.225073' N LONC.=103.672105' W Y=446147.2 N X=746140.8 E		LESSIONAL CHAD HARCROW	

DISTRICT I 1625 N. FRENCE DR., HOBES,) Phame: (675) 333-6101 Faz: (676) DISTRICT II 611 S. FIRST ST., ARTESIA, Phone: (676) 748-1283 Faz: (67) DISTRICT III 1000 RIO BRAZOS RD., AZTI Phone: (506) 334-6178 Faz: (7) DISTRICT IV 1220 S. ST. FRANCIS DR., SANT, Phone: (505) 476-3460 Faz: (7) API Numbe Property Code OGRID No.	NM 88210 6) 748-9720 3C, NM 87410 505) 334-8170 1 72, NM 87505 505) 478-3462	WELL LO	Nerals & CONSI 1220 SC Santa F DCATION Pool Code MAS	ERVATI OUTH ST. Se, New M	Resources De ION DIVIS FRANCIS DR. Lexico 87505 EAGE DEDICATI	SION	Revised Au Submit one copy to Distri	ct Office ED REPORT
	I			Surface Lo	-			0
UL or lot No. Section	n Township	Range	Lot Idn	Feet from the		Feet from the	East/West line	County
1 4	24-S	32-Е		270	NORTH	960	EAST	LEA
· I	1	Bottom	Hole Loc	ation If Dif	 ferent From Sur	face	······	
UL or lot No. Section	· · ·	Range	Lot ldn	Feet from the		Feet from the	East/West line	County
P 9	24-S	32-E		50	SOUTH	990	EAST	LEA
	E WILL BE A		TO THIS		UNTIL ALL INTEF N APPROVED BY '		EN CONSOLIDA	TED
	Y=4564 X=7451 LAT.=32.2 LONG.=103	28.7 E LOT 3 39.55 Ac 3 NME LOCATION 21.0 N	LOT 2 39.62 Ac	270' 960' 	Y=456700.2 N X=746071.4 E 100' FNL & 990' FEL Y=456590.7 N X=745082.1 E LAT.=32.253524' W GRID AZ. TO FTP 349'37'04' LEASE X-ING LAT.=32.239308' N LONG.=103.674246' W	I bereby berein is true my knowledge i, organization ell or unleased mi including the p or bas a right location pursus owner of such or to a volunta compulsory pound by the division. Signature Printed Name E-mail Address SURVEYO I hereby shown on this moder my supei true and correc OCTO D Signature & Su	Date Control of the set of the set of Survey DER 3, 2019 Tate of Survey Control of Survey Control of Professional	rimetion e best of this this interest e location this the an interest, at or a e entered te TION l location m field ae or e same is r belief.
	<u>PROPOSE</u> <u>HOLE L</u> <u>Y=446</u> X=745 LAT.=32.1	<u>D BOTTOM</u> <u>OCATION</u> <u>189.6 N</u> 150.5 E 224933° N 3.674239° W 26.8 N		CHID V2 B-D-U2 B-D-D-D-D-D-D-D-D-D-D-D-D-D-D-D-D-D-D-D	LING = 103.674243" W LONG = 103.674243" W LONG = 103.674243" W 100' FLL & 990' FEL Y=446239.6 N X=745150.2 E LAT.=32.225070" N LONG = 103.674239" W Y=446147.2 N X=746140.8 E	LICENSED	NL. HARCROW WEXIC 17777 ESSIONAL C. CHAD BARCROW 1769 DRAWN	

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Phone: (578) 503-6161 Fe DISTRICT II 611 S. FIRST ST., AF Phone: (575) 748-1283 : DISTRICT III 1000 RIO BRAZOS RD	RTESIA, NM Fax: (575) 74	88210 16-9720	DIL C	ONSI 1220 SC	ERVAT	ION DIVIS FRANCIS DR. Iexico 87505	SION	Revised Av Submit one copy to	'orm C-102 agust 1, 2011 o appropriate ct Office
Phone: (505) 334-6178 DISTRICT IV 1220 S. ST. FRANCIS DR Phone: (505) 476-3460	5 PEX: (505)	334-0170						AMEND	ED REPORT
	vumber			CATION	AND ACR	EAGE DEDICAT	ON PLAT		
ALLY	40111061			robi Code			Pool Name		
Property Co	ode			MAG	Property N			Well Num	
OGRID No.				MAS	Derator N			703H Elevatio	
				COC	G OPERAT			3683.	
					Surface L	ocation	=		
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the		Feet from the	East/West line	County
2	4	24-S	32-E		270	NORTH	1680	EAST	LEA
UL or lot No.	On chi.					fferent From Su			
OL OF 10t No.	Section 9	Township 24-S	Range 32-E	Lot Idn	Feet from the 50	e North/South line SOUTH	Feet from the 1650	East/West line EAST	County
Dedicated Acres	· · ·		nsolidation	Code Ore	der No.	300111	1000		LCA
NO ALLO	WABLE V					UNTIL ALL INTE		EN CONSOLIDA	ATED
		ORAN	ION-STAN			N APPROVED BY	THE DIVISION		
		$\begin{array}{c c} Y = 45667 \\ \hline X = 74342 \\ LOT & 4 \\ 39.67 & Ac \end{array}$		270 S.L. LOT 2 <u>39.62</u> Ac	1680' LOT 1 39.82 Ac	<u>Y=456700.2 N</u> X=746071.4 E	I hereby herein is true my knowledge organisation ei or unleased mi	OR CERTIFICA certify that the infi and complete to the and belief, and that ther owns a working ineral interest in the proposed bottom hol to drill this well at	ormation e best of this interest e land
NAD 83 NI <u>SURFACE LOC</u> Y=456414.C X=744393.3 LAT.=32.25303 LONG.=103.676	X <u>ATION</u> DN 3 E 50° N	 			$\frac{1}{1}$ — $-$	100' FNL & 1650' FEL Y=456584.3 N X=744422.1 E LAT.=32.253518' N LONG.=103.676389' W <u>GRID AZ. TO FIP</u> 09'37'37"	owner of such	to ariii this well at ant to a contract wi mineral or working my pooling agreemen oling order heretofor	th en interest.
							Signature	Da	te
		+		ļ !			Printed Nam		
						LEASE X-ING LAT.=32.239308° N		-	
		1				.ONG.=103.676381' W	E-mail Addres		
		SECTION 4			\leftarrow		I hereby	R CERTIFICAT cortify that the well	I location
		SECTION &		23			Under my supe	plat was plotted fro. surveys made by n rvision, and that the	e same is
		, I		7 <u>9.37'23"</u> 104000"				ot to the best of my OBER 4, 2019	v belief.
		↓						late of Survey	
NAD 83 N <u>PROPOSED B</u> <u>HOLE_LOCA</u> Y=446184	OTTOM TION			GRID AZ		LEASE X-ING LAT.=32.232050' N LONG.=103.676377' W	and the second s	DL. HARCROW MEX	Surveyor
X=744490. LAT.=32.2249 LONG.=103.676	5 E 930' N					LTP 100' FSL & 1650' FEL Y=446234.5 N X=744490.2 E LAT.=32.225068' N LONG.=103.676373' W		HEXIC 17777	
		<u>Y=44612</u> X=74349	<u>6.8 N</u> 0.0 E	в.н. 50' с	1650'	<u>Y=446147.2 N</u> X=746140.8 E	Certificate No. 19-1	CHAD HARCROW 1772 DRAWN	0/13/19 17777 BY: DS

DISTRICT I State of New Mexico Energy, Minerals & Natural Resources Department



DISTRICT I 1625 N. FRENCH DR., HOBBS, NM Promet (676) 338-8161 Paxt (676) 389 DISTRICT II 811 S. FIRST ST., ARTESIA, N Phone: (575) 748-1283 Paxt (676) DISTRICT III 1000 RIO BRAZOS RD., AZTEC, Phone: (505) 334-6178 Paxt (50	M 88210 748-9720 NM 87410	DIL CC	rals &)NS B 20 S0	Natural ERVAT UTH ST.	New Mexico l Resources De ION DIVIS FRANCIS DR. Mexico 87505	SION	Revised Av ubmit one copy to	form C-102 agust 1, 2011 o appropriate ct Office	
DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA F Phone: (605) 476-3480 Faz: (50	E, NM 87505 5) 478-3462	WELL LOCA	ATION	AND ACR	EAGE DEDICATI	ON PLAT	AMEND	ED REPORT	
API Number			ol Code			Pool Name			
Provide Araba									
Property Code			MAS		ERAL COM		Well Number 705H		
OGRID No.			cog	Operator 1 OPERAT			Elevatio 3637		
UL or lot No. Section	Township	Range L	lot Idn	Feet from th	e North/South line	Feet from the	East/West line	County	
N 4	24-S	32-E		270	SOUTH	2310	WEST	LEA	
		Bottom H	ole Loc	ation If Di	ifferent From Sur	face			
UL or lot No. Section	Township	Range L	Lot Idn	Feet from th	e North/South line	Feet from the	East/West line	County	
C 33	23-S	32-E		50	NORTH	2310	WEST	LEA	
Dedicated Acres Joint	or Infill C	onsolidation Cod	de Ord	ler No.		-1-			
NO ALLOWABLE	WILL BE A OR A	SSIGNED TO	THIS (ARD UN	COMPLETION IT HAS BEE	NUNTIL ALL INTER En approved by 1	ESTS HAVE BEITHE DIVISION	EN CONSOLIDA	ATED	
Y=461932.2 N X=740755.1 E 100' FNL & 2310' FWL Y=461854.2 N X=743065.6 E LAT.=32.268026' N LONG.=103.680673' W	2310	· / ! N	.0' <u>Y=</u> 	<u>461957.3 N</u> 743396.9 E 	NAD 83 NME <u>PROPOSED BOTTOM</u> <u>HOLE LOCATION</u> Y=461904.2 N X=743065.4 E LAT.=32.268163" N LONG.=103.680673" W	I hereby of herein is true a my knowledge a organisetion eitil or unleased min including the p or has a right i location pursual owner of such n or to a voluntar compulsory pool by the division. Signature Printed Name E-mail Address		this best of this interest and the then interest, at or s e entered	
LEASE X-ING <u>LAT.=32.253787' N</u> LONG.=103.680702' N 100' FSL & 2310' FWI Y=451506.6 N X=743110.8 E	LOT 4 39.67 Ac	LOT 3 39.55 Ac	LOT 2 39.62 Ac	SECTION 33 SECTION 4 LOT 1 39.82 Ac		shown on this p notes of actual under my super- true and correct OCTO De Signature & Se	rertify that the web lat was plotted fro surveys made by n vision, and that the t to the best of my BER 8, 2019 ALE of Survey al of Professional L. HARCPOR WEXCON 17777	m field ae or is same is y belief.	
$\frac{LONG = 103.680730^{\circ} \text{ W}}{GRID \text{ AZ. TO FTP}}$ $\frac{Y = 451388.6 \text{ N}}{X = 740801.1 \text{ E}}$	231	<i></i>		 	NAD 83 NME <u>SURFACE LOCATION</u> Y=451676.6 N X=743110.4 E LAT.=32.240050° N LONG.=103.680728° W	Certificate No. W.O. # 19-1	17777 MESSIONAL CHAD BARCROW 781 DRAWN	0/15/19 17777 BY: AH	

DISTRICT I 1025 N. FRENCH DR., HOBES, NM 08: Phome: (575) 393-6161 Fax: (575) 393-0 DISTRICT II 611 S. FIRST ST., ARTESIA, NM 1 Phome: (575) 740-1283 Fax: (575) 744 DISTRICT III 1000 RIO BRAZOS RD., AZTEC, N Phone: (505) 334-6175 Fax: (505) 1	B0210 B-0720	IL C	erals & ONSI 220 SC	ι Natura ERVAT OUTH ST.	New Mexico l Resources De 'ION DIVIS FRANCIS DR. Mexico 87505	SION	Revised Au aubmit one copy to	form C-102 agust 1, 2011 appropriate ct Office	
DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FR., Phone: (505) 478-3460 Pax: (505)	NM 87505 478-3462						AMEND	ED REPORT	
API Number	V		CATION Pool Code	AND ACH	REAGE DEDICATION	ON PLAT Pool Name			
Property Code				Property	N		Well Number		
Froperty Code			MAS'		ERAL COM		706H		
OGRID No.			COC	Operator GOPERAT	Name TING, LLC		Elevation 3637.0'		
	I			Surface I	ocation				
UL or lot No. Section	Township	Feet from the	East/West line	County					
M 4	24-S	32-E	WEST	LEA					
			Hole Loc	eation If D	ifferent From Sur	face Feet from the			
UL or lot No. Section C 33	Township 23-S	Range 32–E	Bast/West line WEST	County LEA					
Dedicated Acres Joint of		nsolidation C	Code Ord	50 ler No.	NORTH	1650	##L3T		
NO ALLOWABLE W					N UNTIL ALL INTER		EN CONSOLID#	ATED	
	<u></u>								
<u>Y=461932.2 N</u> X=740755.1 E	+			1650'FWL 7.9 N 15.6 E 8019'N	NAD 83 NME <u>PROPOSED BOTTOM</u> <u>HOLE LOCATION</u> Y=461897.9 N X=742405.4 E LAT.=32.268157" N LONG.=103.682808" W	I hereby c herein is true a my knowledge a organisation eiti or unleased min including the p or hes a right i location pursuan owner of such m or to a voluntan compulsory pool by the division	DR CERTIFICA sertify that the infu- and complete to the not belief, and that her owns a working teral interest in the roposed bottom hol to drill this well at to a contract win nineral or working y pooling agreemes ing order heretofor	ormation a best of this interest and b location this th an interest, at or a	
LEASE X-ING	†	CRID AZ 359'44'59" HORZ. DIST 10396.5		 		I hereby c shown on this p		ION location m field	
<u>LAT.=32.253795* N</u> LONG.=103.682836* W	LOT 4	LOT 3	LOT 2	 LOT 1		under my super true and correct	vision, and that the to the best of my BER 8, 2019	same is	
	39.67 Ac	39.55 Ac	39.62 Ac	39.82 Ac			te of Survey		
$\begin{array}{c} FIP\\ 100' FSL & f150' FWL\\ Y=451501.5 N\\ X=742450.8 E\\ LAT.=32.239579' N\\ LONG=103.682865' W\\ GRID AZ. TO FTP\\ 114'16'57'\\ \hline Y=451388.6 N\\ X=740801.1 E\end{array}$	+ 1280' S.L. 270			 <u>451409.3 N</u> 743455.5 E	NAD 83 NME <u>SURFACE LOCATION</u> Y=451668.6 N X=742080.4 E LAT.=32.240045' N LONG.=103.684059' W	LICENSED DAY	AL HARCRON WEXICO 17777 ESSIONALS CHAD HARCROW 786 DRAWN		

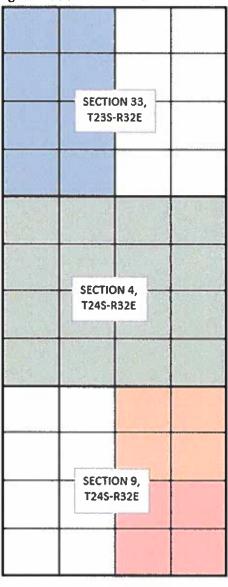
DISTRICT I 1626 N. FRENCH DR., HOBBS, 1 Phrae: (876) 305-6161 Par: (676) DISTRICT II 811 S. FIRST ST., ARTESIA, Phone: (575) 740-1283 Par: (57 DISTRICT III 1000 RIO BRAZOS RD., AZT Phone: (506) 334-6178 Par: (NM 88210 5) 748-9720 C, NM 87410	OIL C	erals & ONSI 220 SC	c Natura ERVAT OUTH ST.	New Mexic l Resourc 'ION E FRANCIS Mexico 87	ces De DIVIS DR.		Revised Au Submit one copy to	form C-102 agust 1, 2011 o appropriate ct Office		
DISTRICT IV 1220 S. ST. FRANCIS DR., SANT. Phone: (505) 478-3460 Fax:		WELL IO	CATION			DICLE		D AMEND	ED REPORT		
API Numbe	•		CATION Pool Code	AND ACI	REAGE DEI	DICATI	ON PLAT Fool Name				
Property Code				Property	N	<u> </u>		W-11 Mar-1			
			MAS		ERAL CON	1		Well Number 707H			
OGRID No.			COC	operator GOPERAT	^{Name} TING, LLC			Elevatio 3638	-		
UL or lot No. Section	n Township	Range	Lot Idn	Feet from the	East/West line	County					
M 4	24-S	32-E	1190	WEST	LEA						
		Bottom Hole Location If Different From Surface									
UL or lot No. Section	•	Range	Lot Idn	Feet from t			Feet from the	East/West line	County		
D 33		32-E		50	NOF	RIH	990	WEST	LEA		
Dedicated Acres Joi	nt or Infill C	onsolidation C	Code Ord	ler No.							
		COLONED /									
NO ALLOWADL	OR A	NON-STAN	DARD UN	IT HAS BE	N UNTIL AL	D BY 1	ESTS HAVE BE	EN CONSOLIDA	ATED		
<u>Y=461932.2 N</u> X=740755.1 E	=740755.1 E		Y=461957.3 N X=743396.9 E <u>LIP</u> 100' FNL & 990' FWL Y=461841.6 N X=741745.6 E LAT.=32.268013' N LONG.=103.684943' W			NME <u>BOTTOM</u> <u>ATION</u> 1.6 N 5.4 E 3151° N 84943° W	I hereby of herein is true of my knowledge a organisation eff. or unlessed min including the p or has a right location pursus, owner of such i or to a volunta, compulsory pool by the division.	OR CERTIFICA certify that the info and complete to the and belief, and that ber owns a working teral interest in the roposed bottom hold to drill this well at at to a contract win mineral or working ty pooling agreement ing order beretofor	ormation a best of this interest a land a location this th an interest, at or a a entered		
LEASE X-ING <u>LAT.=32.253802' N</u> LONG.=103.684971' W	Participation of the second se	LOT 3 39.55 Ac	LOT 2 39.62 Ac	SECTION 33 SECTION 4 LOT 1 39.82 Ac			I hereby of shown on this p notes of actual under my super true and correct OCTO Du		ION I location m field ze or s same is y belief.		
EIP 100' FSL & 990' FWL Y=451496.3 N X=741790.8 E LAT.=32.239576' N - LONG=103.684999' W <u>GRID AZ. TO FTP</u> 229'18'39" <u>Y=451388.6 N</u> X=740801.1 E				 451409.3 N 743455.5 E	NAD 83 <u>SURFACE 1</u> Y=45166 X=74199 LAT.=32.24 LONG.=103.6	<u>OCATION</u> 7.9 N 0.4 E 0044' N	CHA	NEXICON WEXICON 17777	0/14/19		

DISTRICT I 1825 N. FRENCH DR., HOBBS, NM 88 Phone: (575) 393-8161 Fax: (576) 383-9 DISTRICT II 811 S. FIRST ST., ARTESIA, NM Phone: (575) 746-1283 Fax: (576) 74 DISTRICT III 1000 RIO BRAZOS RD., A2TEC, N Phone: (505) 334-8178 Fax: (505)	66210 5-9720 M 87410	DIL C	erals & ONSI 220 SC	Natural ERVAT	New Mexico l Resources De ION DIVIS FRANCIS DR. Mexico 87505	SION	Revised Av Submit one copy t	form C-102 agust 1, 2011 o appropriate ct Office	
DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FE, Phone: (505) 476-3480 Fax: (505)	NM 87505 476-3482	WELL IO	CATION		FACE DEDICATI		C AMEND	ED REPORT	
API Number			Pool Code	AND ACK	EAGE DEDICATI	Pool Name	· · · · · · · · · · · · · · · · · · ·		
Property Code	[I		Property)	Name		Well Nun	ber	
			MAS	TIFF FEDI	ERAL COM		708H		
OGRID No.			COO	Operator M G OPERAT			Elevatio 364(_	
·	1]				
UL or lot No. Section	Township	Range	Lot Idn	Feet from th	e North/South line	Feet from the	East/West line	County	
M 4	24-S	32-E		270	SOUTH	300	WEST	LEA	
		Bottom	Hole Loo	ation If Di	fferent From Sur	face			
UL or lot No. Section D 33	Township 23-S	Range	Lot Idn	Feet from th		Feet from the	East/West line	County	
Dedicated Acres Joint o		32-E	Code Or	50 ler No.	NORTH	330	WEST	LEA	
				101 110.					
NO ALLOWABLE W	ILL BE A	SSIGNED 1			UNTIL ALL INTER	ESTS HAVE BE	EN CONSOLID		
					EN APPROVED BY				
$\frac{Y=461932.2 \text{ N}}{X=740755.1 \text{ E}}$ $\frac{LTP}{330}$ $100^{\circ} \text{ FNL } \frac{4}{330} \text{ FNL}$ $Y=461835.3 \text{ N}$ $X=741085.7 \text{ E}$ $LAT.=32.268007 \text{ N}$ $LONG.=103.687079^{\circ} \text{ W}$	Р <u>у50</u> В.Н. 			61957.3 N 43396.9 E	NAD 83 NME <u>PROPOSED BOTTOM</u> <u>HOLE LOCATION</u> Y=461885.3 N X=741085.4 E LAT.=32.268144' N LONG.=103.687078' W	I hereby of herein is true of my knowledge at organisation eit or unleased min including the p or has a right location pursua owner of such i or to a volunta.	OR CERTIFICA certify that the infa and complete to the hard belief, and that her owns a working werei interest in the roposed bottom hoi to drill this well at at to a contract win interest or working ry pooling agreeme ling order heretofor	ormetion s best of this interest e location this th an interest, nt or a e entered	
LEASE X-ING LAT.=32:253810' N LONG.=103.687106' W	LOT 4 	LOT 3 39.55 Ac	LOT 2 39.62 Ac	SECTION 33 SECTION 4 LOT 1 39.82 Ac		i hereby of shown on this p notes of actual under my super true and correc OCTO Du	R CERTIFICAT certify that the wel- blat was plotted fro survey made by n vision, and that th t to the best of my OBER 7, 2019 ate of Survey	i location m field ne or same is v belief.	
$\frac{ETP}{100' FSL & 330' FWL} \\ Y = 451491.2 N \\ X = 741130.8 E \\ LAT. = 32.239573' N \\ LONG. = 103.687134' W \\ GRID AZ. TO FTP \\ 169'50'30' \\ \hline \frac{Y = 451388.6 N}{X = 740801.1 E} $	 			<u>151409.3 N</u> 743455.5 E	NAD 83 NME <u>SURFACE LOCATION</u> Y=451661.0 N X=741100.4 E LAT.=32.240040° N LONG.=103.687229° W	LICENSED PR	L. HARCROW WEXICO 17777 ESSIONAL CHAD HARCROW 787 DRAWN		

DISTRICT I 1625 N. FRENCH DR., F Phone: (575) 393-6161 F DISTRICT II 811 S. FIRST ST., Al Phone: (575) 748-1283 DISTRICT III 1000 RIO BRAZOS RI Phone: (505) 334-617	RTESIA, NM Fax: (575) 74 D., AZTEC, N	88210 8-9720	DIL C	erals & CONSE 1220 SO	: Natural ERVAT OUTH ST.	New Mexico l Resources De ION DIVIS FRANCIS DR. Mexico 87505	SION	Revised Au Submit one copy to	form C-102 ngust 1, 2011 o appropriate ct Office	
DISTRICT IV 1220 S. ST. FRANCIS DI Phone: (505) 476-346	R., SANTA FE, 0 Fax: (505)	NM 87505 476-3462	WELL LC	CATION	AND ACR	EAGE DEDICATI	ON PLAT		ED REPORT	
API N	Number			Pool Code		Pool Name				
Property Code Property Name Well Number										
			MASTIFF					709H		
OGRID No.			^{Operator Name} COG OPERATING, LLC						Elevation	
Surface Location										
UL or lot No.	Section	Township	Range	Lot Idn	Feet from th	ne North/South line	Feet from the	East/West line	County	
M	4	24-S	32-E		50	SOUTH	846	WEST	LEA	
Bottom Hole Location If Different From Surface										
UL or lot No.	Section	Township	Range	Lot Idn	Feet from th	ne North/South line	Feet from the	East/West line	County	
D	33	23-S	32-E		50	NORTH	846	WEST	LEA	
NO ALLO	WABLE V		NON-STAN			N UNTIL ALL INTER EN APPROVED BY	THE DIVISION OPERAT I hereby herein is true my knowledge organization eit or unleased mi including the p or has a right location pursua owner of such or to a volunta compulsory poo by the division. Signature Printed Name E-mail Address SURVEYO I hereby shown on this notes of actual under my supei true and correct D	OR CERTIFICA certify that the infi and complete to the and belief, and that ther owns a working ineral interest in the proposed bottom holo to drill this well at int to a contract wi mineral or working ury pooling agreement oling order heretofor Da	TION ormation e best of this interest e location this th an interest, nt or a re entered te YION l location m field ne or e same is y belief.	
		846' S.L.	50'				Certificate No. #20-?	•. CHAD HARCROW ?? DRAWN	17777 BY: WN	

COG Operating, LLC—Mastiff Federal Com Wells

Township 23 South- Range 32 East, N.M.P.M. Section 33: W/2 Township 24 South- Range 32 East, N.M.P.M. Section 4: ALL Section 9: E/2 Lea County, New Mexico Limited in Depth to the Bone Spring Formation

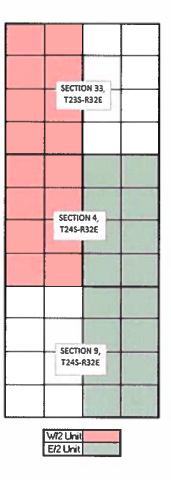


TRACT 1	
TRACT 2	
TRACT 3	
TRACT 4	

BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Case Nos. 20923, 20924, 20925 & 20926 Exhibit No. 2 Submitted by: <u>COG OPERATING LLC</u> Hearing Date: <u>February 20, 2020</u>

Tract 1 (Lease #1) : Section 33: W/2 (320.00 Acres more or	less), T23S-R32E
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(WI) EOG Resources Inc.	70.000000%
(WI) Oxy Y-1 Company	30.00000%
Total:	100.000000%
Participating Parties	
Parties We Seek to Pool	
Tract 2 (Lease #2): Section 4: ALL (640.00 Acres more or less), T24S-R32E	
(WI) COG Operating LLC	100.000000%
Total	100.000000%
local local	
Participating Parties Tract 3 (Lease #3): Section 9: NE/4 (160.00 Acres more or less), T24S-R32E	
Participating Parties Tract 3 (Lease #3): Section 9: NE/4 (160.00 Acres more or less), T24S-R32E (WI) COG Operating LLC	100.000000%
Participating Parties Tract 3 (Lease #3): Section 9: NE/4 (160.00 Acres more or less), T24S-R32E	100.000000% 100.000000%
Participating Parties Tract 3 (Lease #3): Section 9: NE/4 (160.00 Acres more or less), T24S-R32E (WI) COG Operating LLC Total	
Participating Parties Tract 3 (Lease #3): Section 9: NE/4 (160.00 Acres more or less), T24S-R32E (WI) COG Operating LLC Total Participating Parties Tract 4 (Lease #4) : Section 9: SE/4 (160.00 Acres more or less), T24S-R32E	
Participating Parties Tract 3 (Lease #3): Section 9: NE/4 (160.00 Acres more or less), T24S-R32E (WI) COG Operating LLC Total Participating Parties Tract 4 (Lease #4) : Section 9: SE/4 (160.00 Acres more or less), T24S-R32E (WI) EOG Resources Inc.	100.000000%
Participating Parties Tract 3 (Lease #3): Section 9: NE/4 (160.00 Acres more or less), T24S-R32E (WI) COG Operating LLC Total Participating Parties	100.000000%



W/2 Spacing Unit Summary (640.00 Acres more or less), Section 33, T23S-R32E and Section 4, T24S-R32E

Participating Parties	
Total:	100.00000%
(WI) Oxy Y-1 Company	15.00000%
(WI) EOG Resources Inc.	35.00000%
(WI) COG Operating LLC	50.00000%

Parties We Seek to Pool

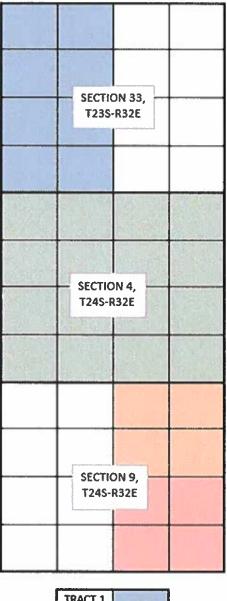
E/2 Spacing Unit Summary (640.00 Acres more or less), Sections 4 and 9, T24S-R32E

Total:	100.00000%
(WI) Thomas E. Jennings	1.0416667%
(WI) First Roswell Ltd.	5.2083333%
(WI) EOG Resources Inc.	18.750000%
(WI) COG Operating LLC	75.000000%

Participating Parties Parties We Seek to Pool

COG Operating, LLC—Mastiff Federal Com Wells

Township 23 South- Range 32 East, N.M.P.M. Section 33: W/2 Township 24 South- Range 32 East, N.M.P.M. Section 4: ALL Section 9: E/2 Lea County, New Mexico Limited in Depth to the Wolfcamp Formation

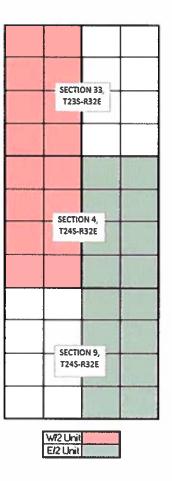


TRACT 1	
TRACT 2	The state
TRACT 3	
TRACT 4	

(WI) EOG Resources Inc.	70.00000%
(WI) Oxy Y-1 Company	30.00000%
Total:	100.00000%
Participating Parties	
Parties We Seek to Pool	
Tract 2 (Lease #2): Section 4: ALL (640.00 Acres more or less), T24	IS-R32E
(WI) COG Operating LLC	100.00000%
Total	100.00000%
lotal	
Participating Parties Tract 3 (Lease #3): Section 9: NE/4 (160.00 Acres more or less), T	
Participating Parties Tract 3 (Lease #3): Section 9: NE/4 (160.00 Acres more or less), T (WI) COG Operating LLC	100.00000%
Participating Parties Tract 3 (Lease #3): Section 9: NE/4 (160.00 Acres more or less), T	
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Participating Parties Tract 3 (Lease #3): Section 9: NE/4 (160.00 Acres more or less), Ti <i>(WI) COG Operating LLC</i> Total Participating Parties Tract 4 (Lease #4) : Section 9: SE/4 (160.00 Acres more or less), Ti (WI) EOG Resources Inc.	100.000000% 100.000000% 24S-R32E 75.000000%
Participating Parties Tract 3 (Lease #3): Section 9: NE/4 (160.00 Acres more or less), Ti (WI) COG Operating LLC Total Participating Parties Tract 4 (Lease #4) : Section 9: SE/4 (160.00 Acres more or less), Ti (WI) EOG Resources Inc. (WI) First Roswell LTD.	100.00000% 100.000000%
Participating Parties Tract 3 (Lease #3): Section 9: NE/4 (160.00 Acres more or less), Ta (WI) COG Operating LLC Total	100.000000% 100.000000% 24S-R32E 75.000000% 20.833333% 4.166667%
Participating Parties Tract 3 (Lease #3): Section 9: NE/4 (160.00 Acres more or less), Ti (WI) COG Operating LLC Total Participating Parties Tract 4 (Lease #4) : Section 9: SE/4 (160.00 Acres more or less), Ti (WI) EOG Resources Inc. (WI) First Roswell LTD. (WI) Thomas E. Jennings	100.000000% 100.000000% 24S-R32E 75.000000% 20.833333%

Tract 1 (Lease #1) : Section 33: W/2 (320.00 Acres more or less), T23S-R32E

Mastiff Federal Com Wells – Wolfcamp Pool



W/2 Spacing Unit Summary (640.00 Acres more or less), Section 33, T23S-R32E and Section 4, T24S-R32E

Participating Parties	
Total:	100.00000%
(WI) Oxy Y-1 Company	15.000000%
(WI) EOG Resources Inc.	35.000000%
(WI) COG Operating LLC	50.00000%

Parties We Seek to Pool

E/2 Spacing Unit Summary (640.00 Acres more or less), Sections 4 and 9, T24S-R32E

1.0416667% 100.000000%
1.0416667%
5.2083333%
18.750000%
75.000000%

Participating Parties Parties We Seek to Pool

DISTRICT I 1625 N. FRENCH DR., Phone: (575) 393-6161 I DISTRICT II 811 S. FIRST ST., A Phone: (575) 748-1283 DISTRICT III 1000 RIO BRAZOS R	ARTESIA, NM Fax: (575) 74 D., AZTEC, N	88210 8-9720	DIL C	erals & CONSI 1220 SC	c Natu ERV∉)UTH S	ıral H ▲TIC ST. F	w Mexico Resources De DN DIVIS RANCIS DR. xico 87505	SION	Revised Au Submit one copy to	orm C–102 agust 1, 2011 5 appropriate ct Office
Phone: (505) 334-617 DISTRICT IV 1220 S. ST. FRANCIS D Phone: (505) 476-346	78 Fax: (505)	334-6170 NM 87505 476-3462							□ AMEND	ED REPORT
API	Number			OCATION Pool Code	AND	ACREA	AGE DEDICATIO	ON PLAT Pool Name		
Property (Code				-	erty Nam STIFF			Well Num 71(
OGRID No).			COC		ator Nam RATIN	ie G, LLC		Elevatio	'n
					Surfac	e Loca	ation			
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro	m the	North/South line	Feet from the	East/West line	County
М	4	24-S	32-E		50	C	SOUTH	330	WEST	LEA
			Bottom	Hole Loc	eation I	f Diffe	erent From Sur	face		
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro	m the	North/South line	Feet from the	East/West line	County
D	33	23-S	32-E		50	C	NORTH	330	WEST	LEA
NO ALLO	330	OR A D				BEEN 	JNTIL ALL INTER APPROVED BY 1	CHE DIVISION COPERAT(I herein is true a my knowledge a organization eiti or unleased min including the pi or has a right i location pursuan owner of such or to a voluntai compulsory pool by the division. Signature Printed Name E-mail Address SURVEYOI I hereby o shown on this p notes of actual under my super true and correct	DR CERTIFICA certify that the inf and complete to the null belief, and that her owns a working neral interest in the roposed bottom hol- to drill this well at nt to a contract we nineral or working ry pooling agreeme. ling order heretofor Da	TION ormation e best of this interest e location this th an interest, nt or a re entered te YION l location m field ne or e same is y belief.
	330'	S.L. 50'						Certificate No W.O. #20-??	CHAD HARCROW ? DRAWN	17777 BY: WN



October 18, 2018

U.S. CERTIFIED MAIL - 91 7199 9991 7038 7703 4825

EOG Resources Inc. 5509 Champions Drive Midland, TX 79706 Attention: Land Department

Re: Well Proposal - Mastiff Federal Com #701H

Sec 4: Lot 1, SE/4NE/4, and E/2 SE/4 - T24S-R32E Sec 9: E/2 E/2 - T24S-R32E Approximate First Take Point: 100' FNL / 330' FEL, Sec.4-T24S-R32E Approximate Last Take Point: 100' FSL / 330' FEL, Sec.9-T24S-R32E Lea County, New Mexico

Dear Sir/Madam:

COG Operating LLC (COG), as Operator, hereby proposes the drilling and completion of the Mastiff Federal Com #701H well as a horizontal well at the above-captioned location, or at a legal location as approved by the governing regulatory agency, to a TVD of approximately 12,300' and a MD of approximately 22,860' to test the Wolfcamp Formation ("Operation"). Surface Hole Location and Bottom Hole Location to be determined in accordance with COG's operating plans and surface restrictions on the property. The total cost of the Operation is estimated to be \$13,904,855.00, and a detailed description of the cost is set out in the enclosed Authority for Expenditure ("AFE").

COG is proposing to drill this well under the terms of the modified 1989 AAPL form of Operating Agreement which is enclosed for your review and approval. The Operating Agreement's contract lands will cover the Lots 1, 2, S2NE and SE/4 of Sec. 4-T24S-R32E and the E/2 of Sec. 9-T24S-R32E. It has the following general provisions:

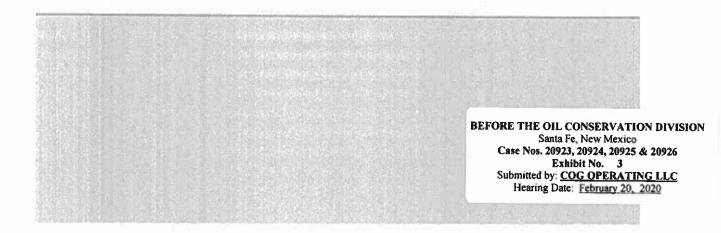
- 100/300 Non-Consenting Penalty
- \$7,000/\$700 Drilling and Producing Rate
- COG Operating LLC named as Operator

Please indicate your participation election in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG would like to term assign your leasehold under the following general terms:

- Reservation unto Assignor of the positive difference, if any, between existing burdens and 20%
- 3 Year Primary Term
- \$3,000/ Net Acre Bonus Consideration

The term assignment offer is subject to the approval of COG's management and verification of title.

If an agreement cannot be reached within 30 days of the date of this letter, COG will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a spacing unit for the proposed well if uncommitted at such time.





If you have any questions, please do not hesitate to contact the undersigned at (432) 685-2515.

Respectfully,

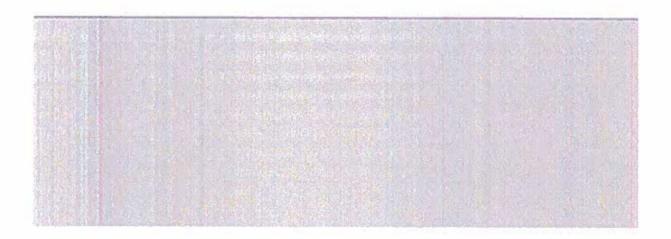
Adam C. Reker Landman

I/We hereby elect to participate in the Mastiff Federal Com #701H.

I/We hereby elect not to participate in the Mastiff Federal Com #701H.

Company: EOG Resources Inc.

Ву:	
Name:	and with this incluse to be a first and
Title:	
Date:	



COG OPERATING LLC AUTHORITY FOR EXPENDITURE DRILLING

WELL NAME: MASTIFF FED COM #701H	PROSPECT NAME:	Buildog 2432 (717113)	
FTP: Sec 4: 100 FNL & 330 FEL	STATE & COUNTY:	New Mexico, Lee	
TP: Sec 9: 100 FSL & 330 FEL	OBJECTIVE:	Drill and Complete	
FORMATION: Wollcamp	DEPTH	22,860	
EGAL: Sec 4-248-32E	TVD:	12.300	

INTANGIBLE COSTS		Dria - Ria Delesse(D)		Completion (O)		Tank Bity		Ртра	
Title/Curaitva/Pennii	201	Release(D) 20,000		Completion(C)		Constrain(TB)		Equipment(PEO)	TOTAL
insurance	202	2,600		Contrary Carrier Differences		And the state of the state of the state of the			20,000
Damages/Night of Way	203	20,000			351			And straintheaters	20,000
Survey/Stake Location	204	7,000		PROPERTY AND DESCO	352			A strength of the state of the	7,000
Location/Pits/Read Expense	205	135,000		10,000	353	46,000	366		190,000
Oriling / Completion Overheed	206	11,100		15,000		reprint attraction of the		en handstearch sauen	26,100
Turnkey Contract	207			ALC: A VERSON AND A DEBUG		Alteror/Sillingengen-		stand antipy of the second	0
Feologe Contract	206			CHARGE DAY IN SECTION.		Rename Provide Testing		A Longe La Constantione	0
Deywork Contract	209	923,000		State State State		Real Briches of Herbiddy		Mainfah0 herroupan	823.000
Directional Orilling Services Frac Equipment	210	442,000	307	1.448.000		A STATISTICS AND ADDRESS OF A DESCRIPTION OF A DESCRIPTIO		A Real Property and Property	442,000
Frac Charitonia		and the set of the set of the	301	1,418,000		ALL DOWN THE DOWNLOAD THE PARTY OF		ACCESSION CONTRACTOR	1,418,000
Frac Proppent		STREET, ALS SHOT ADALLAR	309						473,000
Free Proppert Transportation		Including a stratight of	310			Barris States States			814,000
Fuel & Power	211	211,000		68,000	354		367		279,900
Water	212	60,000				Lefferra- mon accountion	368		1,026,000
Bita	213	111,009				N-10109-10-19414-10-10-1	349		115,500
Mud & Chemicals	214	275.000	314	25,000		salar de la de la de la de la desta de	370		300,000
Drill Slem Tecl	215	0	318			Washington Station		early also also	0
Coring & Analysis	216	0		AND REPORT AND ADDRESS OF		PO-INTRASCIPCIA		where the manufacture of the	0
Cement Surface	217			Contraction in the second		TRUCT CONTRACTORS		CONTRACTOR AND AND A CONTRACTOR OF STATE	28,000
Cernent Intermediate Cernent 2nd Intermediate/Production	218	78,000		VALUES AND TRADE OF		A STREET BEST		provide to the other provides to	75.000
Certain 210 Internitional Production	219 220	115.000		and the second sec		WHAT COMPANY COUPLY		ectromological and the second	115,000
Floet Equipment & Centralizers	220	65.000		STATISTICS CONTRACTOR OF ADDRESS			371	and the second sec	65.000
Casing Crows & Equipment	222	70,000		HIGH ANY ANY ARTICLES IN		and the second se			<u> </u>
Pahing Tools & Service	223					Printer Property income in	372	A CONTRACTOR OF THE OWNER OWNER OF THE OWNER OWNE	70,000
Geologio/Engineering	224	11,400			355		373		11,400
Contract Labor	225	6,500		20,000	358	122,935	374	6,500	155,835
Company Supervision	226	66,600		15,000	367		375		81,600
Contract Supervision	227	1\$7,000		255,000	358		376	5.000	417,000
Testing Casing/Tubing	220	30,000		5.000		CARDOLING COMPL	377		35,000
Nud Logging Unit	229	52,000	329			NAMES OF TAXABLE		AND THE PARAMETERS AND	62.000
Logging Periorsting/Wireline Services	230			Marth Annual Laboration		NORTHERN MARKEN	378		0
Stimulation/Treating	231	4,000	331	538,000		Langest View of Cold	378		542,000
Completion Unit			333	397,000			380		397,000
Swabbing Unit		1. DATES HOLDS FOR THE	334	138,000		Line management of the second of the	387	8,800	146,800
Pentals-Burlace	235	190.000		403.000	359		383	7,000	600.000
Pentals-Bubeurlace	236	150,000		30,000		INCREMENTAL MONTROL INC	384		180,000
Trucking/Ferhalt/Rig Mobilization	237	200,000		20,000	360		385	3,000	223.000
Weiting Services	238	3.000	338	5,000	351		386		8,000
Water Disposal	239	0	339	80.000	362	135.000	387		195,000
Plug to Abendon	246	0				LIN OF BUILDING STATES		dimensional and a second secon	
Selemic Analysis	241		•			envirologisch/Marketa		By Man Kills press in the	0
Msosfaneous Contingency	242	0	342			And the second second second	389		0
Closed Loop & Environmental	243 244	\$9,000 330,000	343	250,000	363		390 368		318,000
Cyred Diesel	245		345	5,000	304		366	the second second second	335.000
Coll Tubing		100-58-0101000	348	760,000		and Constant & Statistics		Contract, Spinson and and	760.000
Powback Crews & Equip		STIMULAN PL STRAT	347	48,000		And American Der Charles States			750,000
Officet Obschonal/Frac	248		348			HE SHELL MALLY YORK (SHELL	391	THE OF STREET	0
TOTAL INTANGELES		3,640,100		7,615,500		302,935		30,300	11.788.835
TANGIBLE COSTS									
Surface Cealing	401	52,000		CASS TREE DESCRIPTION		PERMIT PROPERTY		COLUMN FOR MARKING	52,000
Intermediate Casing	402	555,000		Water State of Lines		Compression and PCV1		the concerning of	555,000
Production Cesing/Liner	403	\$18,000		Non-second States Second		risioned and tasks mean		CONTRACT, NO. TO A DATE	616,000
Tubing Minimum	455	M dda	504	52,030		ACCOMPANY AND NO.	630	5,000	57,030
Wellhead Egulpment Pumping Unit	405	76,000	505	22,000		100 100 100 100 100 100 100 100 100 100	531	3,000	100,000
Prime Mover						Pre-scale and a second	505	96,000	96,000
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Packers/Anchors/Hangers	454		514	66,000		NEAR AND	534	2,000	68,000
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Gas Lit/Compression			527		516	000.00	628		75,000
TOTAL TANGINES		1,198.000		155.030		591,990		171,000	2,118,020
TOTAL WELL COSTS		5,038,100		7,771,000		894,925		201,300	13,904,855
% of Total Well Cost		38%		58%		-			
COG Operating LLC		~~~				476		1%	
		Date Prepared:		10/19/18					
		COG Operating LLC	a						
We approve:			ورايما						
% Warking interest		By:		MB					

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Company: Br:

Printed Name:	
Title:	
Dele:	

This AFE is only as assimpte. By signing you agree to pay your share of the actual costs incurred.

https://concho.sendproenterprise.com/Composer/XmlRequest/GetSh pLabel?guid=16471e3b-1d45-4753-8453-82fft2737711&pagenumber...

CONCHO RESOURCES Melissa Dimit 600 W Illinois Ave Midland, TX 79701



OXY Y-1 COMPANY NON-OP LAND PO BOX 27570 HOUSTON, TX 77227

Shipper Ref: Reference 1: Reference 2: DIMIT - W2 BONE SPRING MASTIFF FED COM WELLS 204H-205H, 306H-310H, 505H-507H ENCLOSURES - PROPOSALS, AFES, OA



OXY Y-1 Company PO Box 27570 Houston, TX 77227 Attention: Land Department

Re: Well Proposal - Mastiff Federal Com #204H

Sec 4: E/2 W/2 - T24S-R32E Sec 33: E/2 W/2 - T23S-R32E Approximate First Take Point: 100' FSL / 1720' FWL, Sec.4-T24S-R32E Approximate Last Take Point: 100' FSL / 1720' FWL, Sec.33-T23S-R32E Lea County, New Mexico

Dear Sir/Madam:

COG Operating LLC (COG), as Operator, hereby proposes the drilling and completion of the Mastiff Federal Com #204H well as a horizontal well at the above-captioned location, or at a legal location as approved by the governing regulatory agency, to a TVD of approximately 9,450' and a MD of approximately 20,010' to test the Bone Spring Formation ("Operation"). Surface Hole Location and Bottom Hole Location to be determined in accordance with COG's operating plans and surface restrictions on the property. The total cost of the Operation is estimated to be \$10,396,855.00, and a detailed description of the cost is set out in the enclosed Authority for Expenditure ("AFE").

COG is proposing to drill this well under the terms of the modified 1989 AAPL form of Operating Agreement which is enclosed for your review and approval. The Operating Agreement's contract lands will cover the W/2 of Sec. 4-T24S-R32E and the W/2 of Sec. 33-T23S-R32E. It has the following general provisions:

- 100/300 Non-Consenting Penalty
- \$7,500/\$750 Drilling and Producing Rate
- COG Operating LLC named as Operator

Please indicate your participation election in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG would like to term assign your leasehold under the following general terms:

- Reservation unto Assignor of the positive difference, if any, between existing burdens and 20%
- 3 Year Primary Term
- \$3,000/ Net Acre Bonus Consideration

The term assignment offer is subject to the approval of COG's management and verification of title.

If an agreement cannot be reached within 30 days of the date of this letter, COG will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a spacing unit for the proposed well if uncommitted at such time.

CONCHO

If you have any questions, please do not hesitate to contact the undersigned at (432) 685-2515.

Respectfully,

Adam C. Reker Landman

I/We hereby elect to participate in the Mastiff Federal Com #204H.

I/We hereby elect <u>not</u> to participate in the Mastiff Federal Com #204H.

Company: OXY Y-1 Company

By:	
Name:	
Title:	
Date:	

COG OPERATING LLC AUTHORITY FOR EXPENDITURE DRILLING

PROSPECT NAME:	Buildog 2432 (717113)	
STATE & COUNTY:	New Mexico, Lea	
OBJECTIVE:	Drill and Complete	
DEPTH.	20.010	
TVD:	9,450	
140.	9,400	
	STATE & COUNTY: OBJECTIVE: DEPTH,	STATE & COUNTY: New Mexico, Lea OBJECTIVE: Drill and Complete DEPTH, 20.010

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This AFE is only an estimate. By signing you agree to pay your share of the actual costs incurred

Tide:

Date

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CONCHO RESOURCES Melissa Dimk 600 W Illinois Ave Midland, TX 79701



THOMAS E JENNINGS THOMAS E JENNINGS 111 S KENTUCKY AVE ROSWELL, NM 88203-4518

Shipper Ref: Reference 1 DIMIT-MASTIFF FED COM E2 WFMP & BS ENCL- PROPOSALS, AFES, OAS; WFMP & BS



Mr. Jennings,

COG Operating proposed its Mastiff Wells in the E/2 of Sections 4 and 9, T24S-R32E on September 19, 2019 to both First Roswell and you individually. Due to a mistake by our mail group, we cannot prove this fact via our FedEx receipts. Please find the attached proposals which are the exact same as our former proposals other than they are dated today. As an FYI, if a trade agreement has not been reached between EOG Resources Inc. and Concho prior to 1/23/2019... We are going to a contested hearing in Santa Fc over these cases. If your interest remains uncommitted to a JOA, we will name your interest(s) in our Compulsory Pooling Proceedings.

Thanks for your attention on this matter,

- 11

Adam Reker, MBA, RPL Landman – COG Operating LLC areker(@concho.com



October 28, 2019

Thomas E. Jennings 111 South Kentucky Avenue Roswell, NM 88203

Re: Well Proposal - Mastiff Federal Com #201H

Sec 4: E/2 E/2 - T24S-R32E Sec 9: E/2 E/2 - T24S-R32E Approximate First Take Point: 100' FNL / 330' FEL, Sec.4-T24S-R32E Approximate Last Take Point: 100' FSL / 330' FEL, Sec.9-T24S-R32E Lea County, New Mexico

Dear Sir/Madam:

COG Operating LLC (COG), as Operator, hereby proposes the drilling and completion of the Mastiff Federal Com #201H well as a horizontal well at the above-captioned location, or at a legal location as approved by the governing regulatory agency, to a TVD of approximately 9,450' and a MD of approximately 20,010' to test the Bone Spring Formation ("Operation"). Surface Hole Location and Bottom Hole Location to be determined in accordance with COG's operating plans and surface restrictions on the property. The total cost of the Operation is estimated to be \$10,396,855.00, and a detailed description of the cost is set out in the enclosed Authority for Expenditure ("AFE").

COG is proposing to drill this well under the terms of the modified 1989 AAPL form of Operating Agreement which is enclosed for your review and approval. The Operating Agreement's contract lands will cover the E/2 of Sec. 4-T24S-R32E and the E/2 of Sec. 9-T24S-R32E. It has the following general provisions:

- 100/300 Non-Consenting Penalty
- \$7,500/\$750 Drilling and Producing Rate
- COG Operating LLC named as Operator

Please indicate your participation election in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG would like to term assign your leasehold under the following general terms:

- Reservation unto Assignor of the positive difference, if any, between existing burdens and 25%
- 3 Year Primary Term
- \$3,000/ Net Acre Bonus Consideration

The term assignment offer is subject to the approval of COG's management and verification of title.

If an agreement cannot be reached within 30 days of the date of this letter, COG will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a spacing unit for the proposed well if uncommitted at such time.



If you have any questions, please do not hesitate to contact the undersigned at (432) 685-2515.

Respectfully,

Ah Mh

Adam C. Reker Landman

 I/We hereby elect to participate in the Mastiff Federal Com #201H.
 I/We hereby clcct <u>not</u> to participate in the Mastiff Federal Com #201H.

Company:	Thomas E. Jennings
	1
By:	
Name:	
Title:	
Date:	

10/29/2019

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CONCHO RESOURCES Melissa Dimit 600 W Illinois Ave Midland, TX 79701



FIRST ROSWELL, LTD FIRST ROSWELL, LTD 111 S KENTUCKY AVE ROSWELL, NM 88203-4518

Shipper Ref: Reference 1:

DIMIT-MASTIFF FED COM E2 WFMP & BS ENCL- PROPOSALS, AFEs, OAs; WFMP & BS



Mr. Jennings (General Partner of First Roswell LTD),

COG Operating proposed its Mastiff Wells in the E/2 of Sections 4 and 9, T24S-R32E on September 19, 2019 to both First Roswell and you individually. Due to a mistake by our mail group, we cannot prove this fact via our FedEx receipts. Please find the attached proposals which are the exact same as our former proposals other than they are dated today. As an FYI, if a trade agreement has not been reached between EOG Resources Inc. and Concho prior to 1/23/2019... We are going to a contested hearing in Santa Fe over these cases. If your interest remains uncommitted to a JOA, we will name your interest(s) in our Compulsory Pooling Proceedings.

Thanks for your attention on this matter,

Ah Mh

Adam Reker, MBA, RPL Landman – COG Operating LLC areker@concho.com

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

APPLICATION OF COG OPERATING LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NOS. 20923, 20924, 20925 & 20926

AFFIDAVIT

STATE OF NEW MEXICO)) ss. COUNTY OF SANTA FE)

Ocean Munds-Dry, attorney and authorized representative of COG Operating LLC, the Applicant herein, being first duly sworn, upon oath, states that the above-referenced Applications were provided under the notice letters and proof of receipts attached hereto.

Dcean Munds Dry

SUBSCRIBED AND SWORN to before me this 19th day of February 2020 by Ocean

Munds Dry.



OFFICIAL BEA ISAMARIE ORTIZ ARY PUBLIC-STATE OF ME

BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Case Nos. 20923, 20924, 20925 & 20926 Exhibit No. 4 Submitted by: <u>COG OPERATING LLC</u> Hearing Date: February 20, 2020

Adam Reker

From:	
Sent:	
To:	
Subject:	

Cole, Matthew W <Matthew_Cole@oxy.com> Monday, February 10, 2020 10:23 AM Adam Reker [External] RE: Mastiff Cases

**** External email. Use caution. **** Hi Adam,

Sorry for the delay on this I was out of the office on Friday. Yes, notice has been received and we acknowledge the hearing is set for 2/20/2020.

Thanks

From: Adam Reker <AReker@concho.com> Sent: Monday, February 10, 2020 9:56 AM To: Cole, Matthew W <Matthew_Cole@oxy.com> Subject: (EXTERNAL) RE: Mastiff Cases

Good Morning Mr. Cole,

Wanted to follow up on this. We would like to have that hearing on February 20th but would need Oxy to acknowledge the hearing as I described below.

If you could get back to me and do so I'd really appreciate it. AR

Adam Reker, MBA, RPL Landman – Northern Delaware Basin 432.685.2515 | 432.888.1243



From: Adam Reker Sent: Friday, February 07, 2020 11:50 AM To: Cole, Matthew W <<u>Matthew Cole@oxy.com</u>> Subject: Mastiff Cases

Hey Matthew,

Hope all is well!

I just gave you a shout on the phone. We have had an ongoing battle with EOG going for operatorship in Section 33, T23S-R32E. I proposed our Mastiff wells to Oxy and others in there several months ago and I haven't heard much response in there from you all... Just wanted to follow up and make sure you don't need anything from me before our contested hearing with EOG in a few weeks.

Another reason I wanted to email is because we messed up on notice. We sent out notice for that hearing a while back before various continuances that were filed by EOG... and because of a clerical error Oxy slipped through the cracks. I wanted to go ahead and email you that hearing notice and get you to acknowledge the hearing so that we would not have to continue our case that we are fighting EOG on.

Would you mind emailing back and verifying that we noticed you of the hearing in this email? We are trying to pool that case on the docket in late February and just figured out we missed you guys.

I apologize for this error and I hope you all would help us out on this.

Thanks, AR Adam Reker, MBA, RPL Landman – Northern Delaware Basin 432.685.2515 | 432.888.1243





November 22, 2019

VIA CERTIFIED MAIL CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Case No. 20923: Application of COG Operating, LLC for Compulsory Pooling, Lea County, New Mexico. Mastiff Fed Com #201H-#203H, #301H-#305H, #501H-#504H Wells

Ladies & Gentlemen:

This letter is to advise you that COG Operating LLC has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on December 12, 2019, and the status of the hearing can be monitored through the Division's website at http://www.emnrd.state.nm.us/ocd/. Division hearings will commence at 8:15 a.m. in Porter Hall at the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Parties appearing in cases are required by Division Rule 19.15.4.13.B to file a Pre-hearing Statement four business days in advance of a scheduled hearing. This statement must be filed at the Division's Santa Fe office at the above specified address and should include: the names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this matter, please contact Adam Reker at (432) 685-2515 or AReker@concho.com.

Sincerely, Sullian J. Em

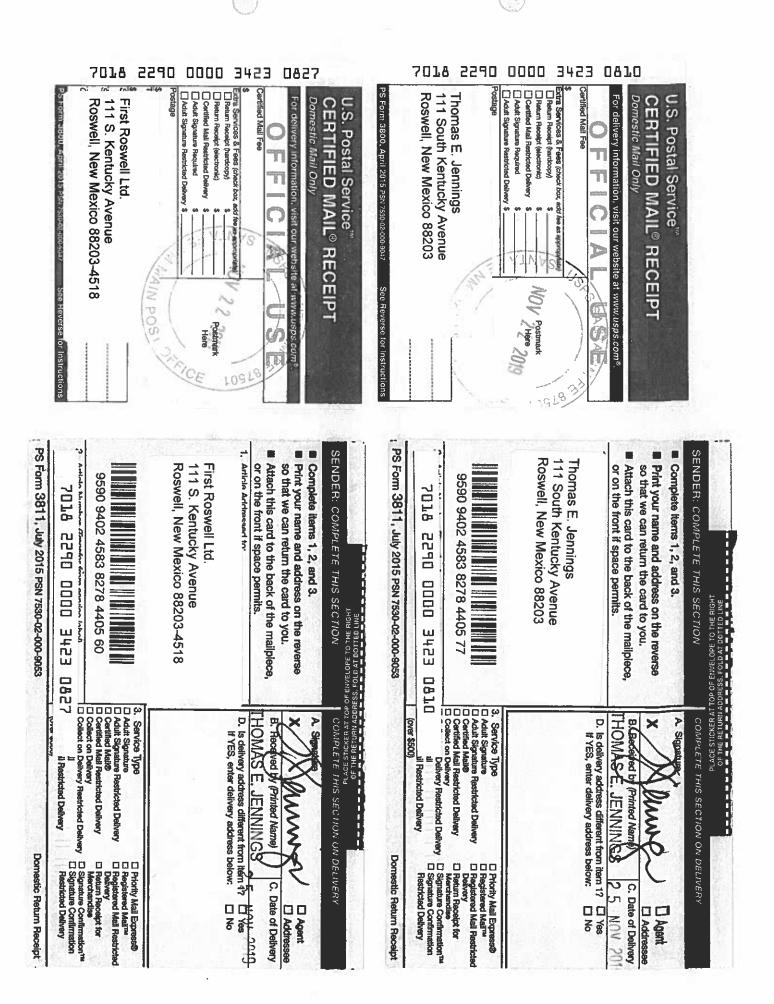
William F. Carr Senior Counsel for COG Operating LLC

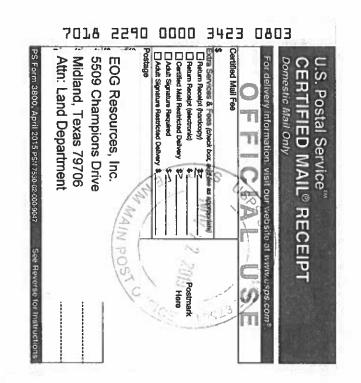
CORPORATE ADDRESS

SANTA FE OFFICE

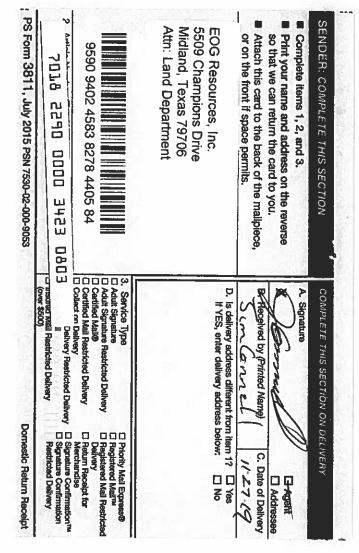
ONE CONCHO CENTER | 600 WEST ILLINOIS AVENUE | MIDLAND, TEXAS 79701 1048 PASEO DE PERALTA | SANTA FE, NEW MEXICO 87501 P432.683.7443 | F432.683.7441

P 505.780.8000 | F 505.428.0485





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November 22, 2019

VIA CERTIFIED MAIL **CERTIFIED RECEIPT REQUESTED**

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Case No. 20924: Application of COG Operating, LLC for Compulsory Pooling, Lea County, New Mexico. Mastiff Fed Com #204H-#205H, #306H-#310H, #505H-#507H Wells

Ladies & Gentlemen:

This letter is to advise you that COG Operating LLC has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on December 12, 2019, and the status of the hearing can be monitored through the Division's website at http://www.emnrd.state.nm.us/ocd/. Division hearings will commence at 8:15 a.m. in Porter Hall at the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Parties appearing in cases are required by Division Rule 19.15.4.13.B to file a Pre-hearing Statement four business days in advance of a scheduled hearing. This statement must be filed at the Division's Santa Fe office at the above specified address and should include: the names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this matter, please contact Adam Reker at (432) 685-2515 or AReker@concho.com.

Singerely, william & Ear

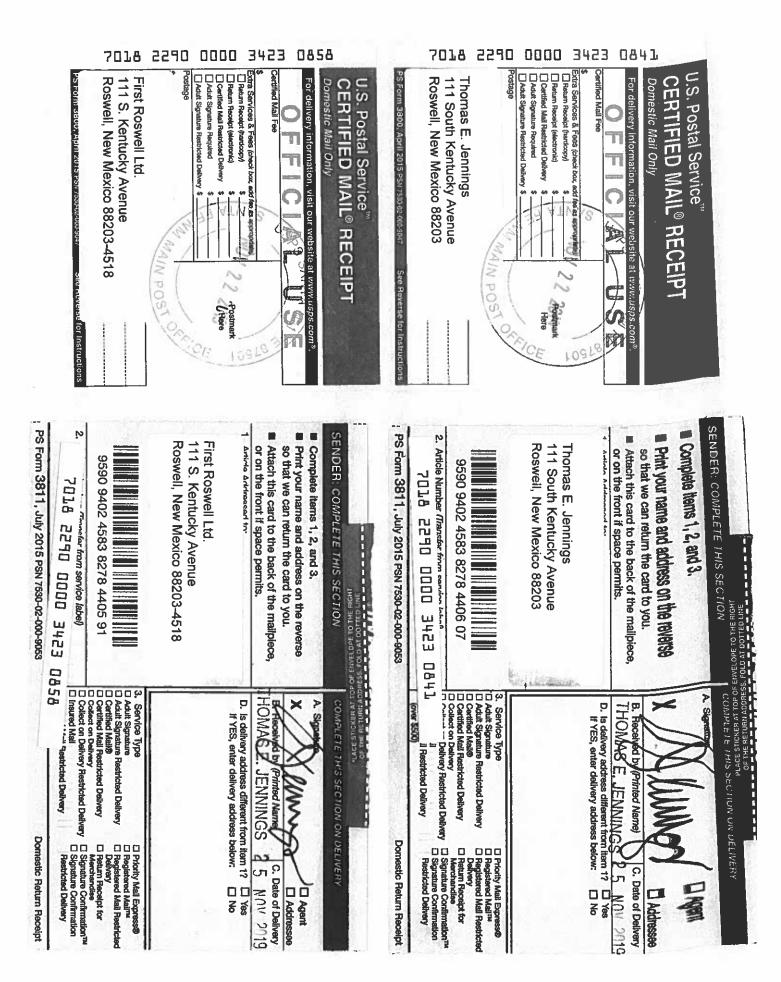
William F. Carr Senior Counsel for COG Operating LLC

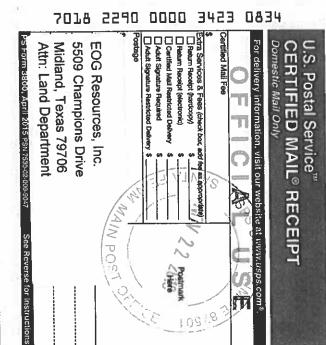
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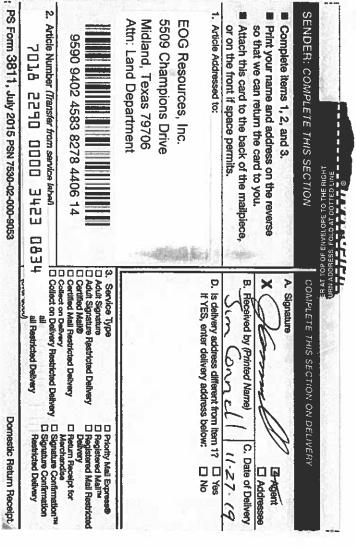
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November 22, 2019

VIA CERTIFIED MAIL **CERTIFIED RECEIPT REOUESTED**

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Case No. 20926: Application of COG Operating, LLC for Compulsory Pooling, Lea County, New Mexico. Mastiff Fed Com #706H, #707H, #708H, #709H, #710H Wells

Ladies & Gentlemen:

This letter is to advise you that COG Operating LLC has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on December 12, 2019, and the status of the hearing can be monitored through the Division's website at http://www.emnrd.state.nm.us/ocd/. Division hearings will commence at 8:15 a.m. in Porter Hall at the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Parties appearing in cases are required by Division Rule 19.15.4.13.B to file a Pre-hearing Statement four business days in advance of a scheduled hearing. This statement must be filed at the Division's Santa Fe office at the above specified address and should include: the names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this matter, please contact Adam Reker at (432) 685-2515 or AReker@concho.com.

William F. Carr Senior Counsel for COG Operating LLC

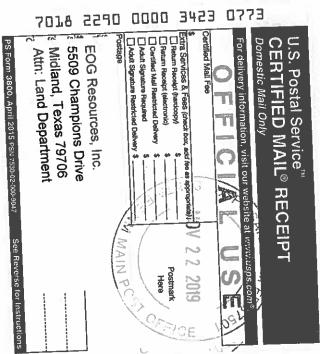
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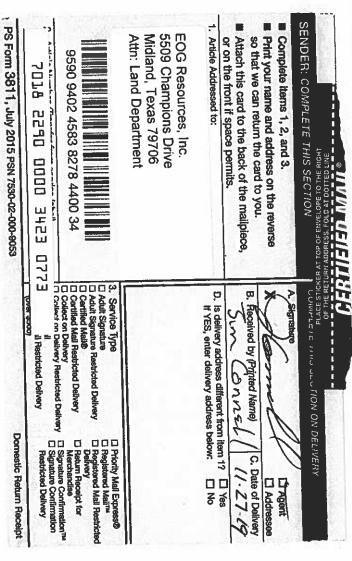
SANTA FE OFFICE

ONE CONCHO CENTER | 600 WEST ILLINOIS AVENUE | MIDLAND, TEXAS 79701 1048 PASEO DE PERALTA | SANTA FE, NEW MEXICO 87501 P432.683.7443 | F432.683.7441

P 505.780.8000 | F 505.428.0485











November 22, 2019

VIA CERTIFIED MAIL **CERTIFIED RECEIPT REQUESTED**

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Case No. 20925: Application of COG Operating, LLC for Compulsory Pooling, Lea County, New Mexico. Mastiff Fed Com #701H, #702H, #703H, #704H, #705H Wells

Ladies & Gentlemen:

This letter is to advise you that COG Operating LLC has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on December 12, 2019, and the status of the hearing can be monitored through the Division's website at http://www.emnrd.state.nm.us/ocd/. Division hearings will commence at 8:15 a.m. in Porter Hall at the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Parties appearing in cases are required by Division Rule 19.15.4.13.B to file a Pre-hearing Statement four business days in advance of a scheduled hearing. This statement must be filed at the Division's Santa Fe office at the above specified address and should include: the names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this matter, please contact Adam Reker at (432) 685-2515 or AReker@concho.com.

Sincerely

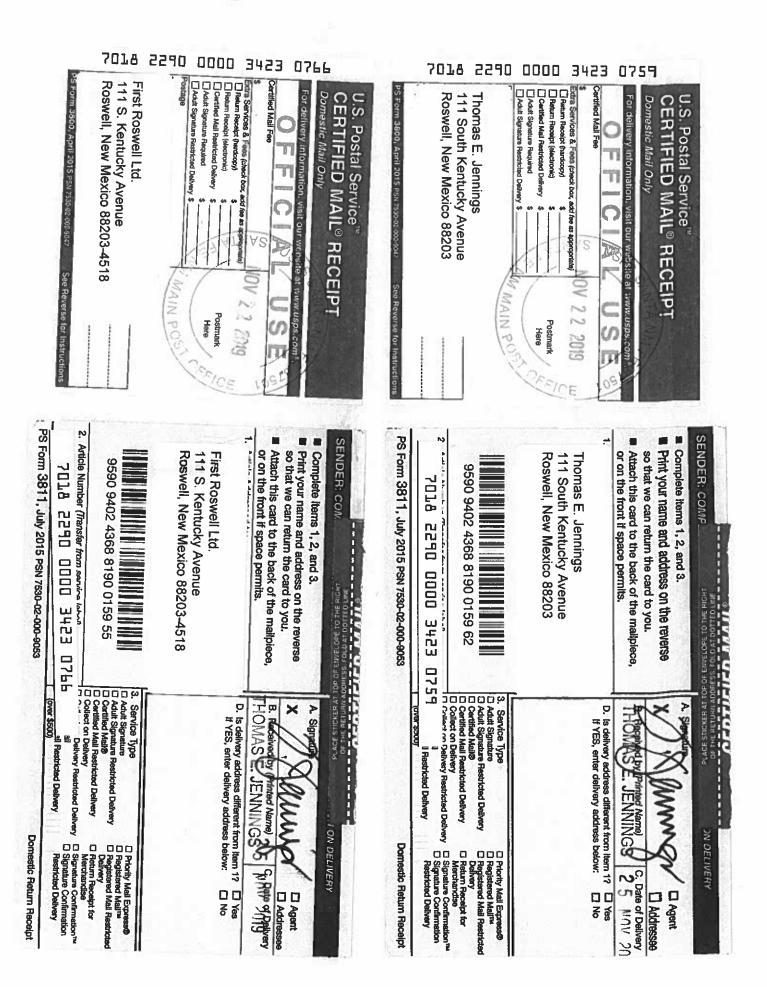
William F darr Senior Counsel for COG Operating LLC

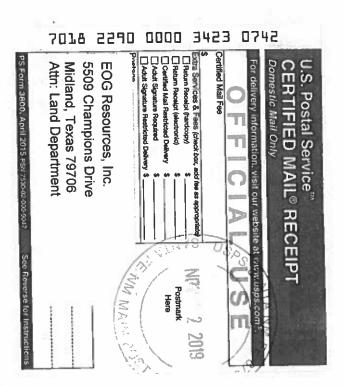
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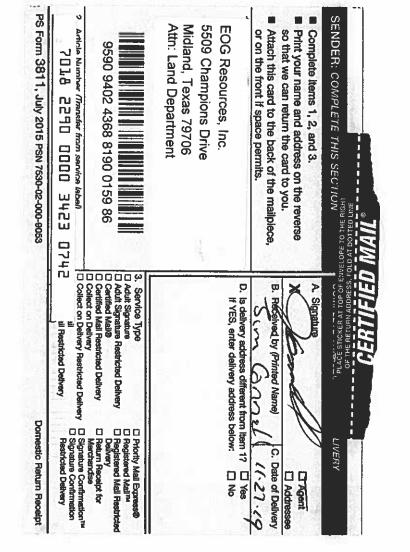
SANTA FE OFFICE

ONE CONCHO CENTER | 600 WEST ILLINOIS AVENUE | MIDLAND. TEXAS 79701 1048 PASEO DE PERALTA | SANTA FE. NEW MEXICO 87501 P432.683.7443 | F432.683.7441

P505.780.8000] F505.428.0485







Affidavit of Publication

STATE OF NEW MEXICO COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

> Beginning with the issue dated December 04, 2019 and ending with the issue dated December 04, 2019.

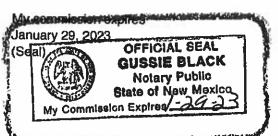
hears 10

Publisher

Sworn and subscribed to before me this 4th day of December 2019.

Black

Business Manager



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL LEGAL LEGAL LEGAL LEGAL NOTICE DECEMBER 4, 2019

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT. OIL CONSERVATION DIVISION SANTA FE, NEW MEXICO

The State of New Mexico through its Oil Conservation Division hereby gives notice pursuant to law and the Rules and Regulations of the Division of the following public hearing to be held at 8:15 A.M. on December 12; 2019, in Porter Hall, the Oil Conservation Division Hearing Room, 1st Floor, Wardell, Chino Building, 1220 South St. Francis, Santa Fe, New Mexico, before an examiner duly appoint for the hearing, if you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary ald or service to attend or participate in the hearing, please contact: Florene Davidson at 605-476-3458 or through the New Mexico Relay Network, 1-800-659-1779 by December 2, 2019. Public documents, including the agenda and minutes, can be provided in various adoptabilitier formats. Members of the public may obtain copies of the docket will be posted on The Oil Conservation Division at summary or other type of accessible nm.us/OCD/. Please contact Ms. Davidson if a summary or other type of accessible formation.

STATE OF NEW MEXICO TO: Ali named parties and persons having any right, title, interest or claim in the following case and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal-Meridian whether or not so stated.)

To: All overriding royally interest owners, non-participating royally interest owners, pooled parties, and working interest owners, including: First Roswell, LTD.; Thomas E. Jennings; EOG Resources, Inc.

Case 20925: Application of COG Operating LLC for compulsory pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks throrder pooling all uncommitted interest owners in the Wolfcamp formation underlying a standard 640-acre, more or less, horizontal spacing unit comprised of Lots 1-2, S/2NE/4, and the SE/4 (E/2 equivalent) of irregular Section 4 and the E/2 of Section 9, Township 24 South, Range 32 East, Lea County, New Mexico. Applicant seeks to dedicate the above-referenced horizontal spacing unit to the tollowing proposed wells:

• The Mastiff Fed Com #701H and the Mastiff Fed Com #702H wails to be drilled from surface hole locations in NE/4NE/4 (Lot 1) of Section 4 to bottom hole locations in the SE/4SE/4 (Unit P) of Section 9.

• The Mastiff Fed Com #703H, Mastiff Fed Com #704H, and the Militar Fed Com #705H wells to be drilled from surface hole locations in NW/4NE/47Lot 2) of Section 4 to bottom hole locations in the SW/4SE/4 (Unit O) of Section 8.

The completed intervals for the proposed Mastiff Fed Com #703H well-will be within 330' of the quarter-quarter line separating the W/2E/2 and the B/2E/2 of Sections 4 and 9 to allow inclusion of this acreage into a standard 640 sare horizontal well spacing unit. Also, to be considered will be the cost of uniting and completing the wells, the allocation of the cost thereof, the actual operating costs and charges for supervision, the designation of applicant as operator, and the imposition of 200% charge for risk involved in drilling and completing sach well. Said area is located approximately 23 miles east of Loving, New Mexico, #34939

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COG Operating LLC - SANTA FE 1048 PASEO DE PERALTA SANTA FE, NM 87501

> BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Case Nos. 20923, 20924, 20925 & 20926 Exhibit No. 5 Submitted by: <u>COG OPERATING LLC</u> Hearing Date: <u>February 20, 2020</u>

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Affidavit of Publication

STATE OF NEW MEXICO COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

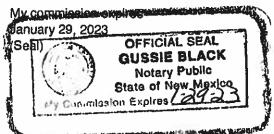
> Beginning with the issue dated December 03, 2019 and ending with the issue dated December 03, 2019.

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Publisher

Sworn and subscribed to before me this 3rd day of December 2019.

Business Manager



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said



DECEMBER 3, 2019

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

The State of New Mexico through its Oil Conservation Division hereby gives notice pursuant to law and the Rules and Regulations of the Division of the following public hearing to be held at 8:15 A.M. on December 12, 2019, in Porter Hall, the Oil Conservation Division Hearing Room, 1at Floor, Wendell Chino Building, 1220 South St. Francis, Santa Fe, New Mexico, balore an examiner duly appoint for the hearing. If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, for any other form of auxiliary aid or service to attend or participate in the hearing. Helay Network, 1-800-659-1779 by December 2, 2019. Public documents, including the agenda and minutes, can be provided in various accessible formats. Members of the public may obtain copies of the docket by contacting Ms. Davidson at the phone number indicated above. Also, the docket will be posted on the Oil Conservation Division websita, at www.emmrd.state.nm.us/OCD/, Please contact Ms. Davidson if a aummary of other type of accessible form is needed.

STATE OF NEW MEXICO TO: All named parties and persons having any right, title, interest or claim in the following case and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

To: All overriding royaity interest owners, non-participating royaity, interest owners, pooled parties, and working interest owners, including: First Roswell, LTD.; Thomas E. Jennings; EOG Resources, inc.

Case 20926: Application of COG Operating LLC for compulsory pooling, Les County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interest owners in the Wolfcamp formation underlying a standard 640-acre, more or less, horizontal spacing unit comprised of Lota 1-2, the S/2NW/4, and the SW/4 (W/2 equivalent) of irregular Section 4, Township 24 South, Range 32 East, and the W/2 of Section 33, Township 23 South, Range 32 East, Les County, New Mexico. Applicant seeks to dedicate the above-referenced horizontal spacing unit to the following proposed wells:

• The Mastiff Fed Com #706H, the Mastiff Fed Com #707H, and the Mastiff Fed Com #708H wells to be drilled from surface hole locations in SE/45W/4 (Unit N) of Section 4 to bottom hole locations in the SE/4SW/4 (Unit N) of Section 33.

• The Mastiff Fed Com #709H and the Mastiff Fed Com #710H wells to ba drilled from surface hole locations in SW/4SW/4 (Unit M) of Section 4 to bottom hole locations in the SW/4SW/4 (Unit M) of Section 33.

The completed intervals for the proposed Mastiff Fed Com #708H well will be within 330° of the quarter-quarter line separating the W/2W/2 and the E/2W/2 of Section 4. Township 24 South, Range 32 East, and Section 33, Township 23 South, Range 32 East, to allow inclusion of this acreage into a standard 640acre horizontal well spacing unit. Also, to be considered will be the cost of drilling and completing the wells, the allocation of the cost thereof, the actual operating costs and charges for supervision, the designation of applicant as operator, and the imposition of 200% charge for risk involved in drilling and completing each well. Said area is located approximately 23 miles east of Loving, New Mexico.

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COG Operating LLC - SANTA FE 1048 PASEO DE PERALTA SANTA FE, NM 87501

Affidavit of Publication

STATE OF NEW MEXICO COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

> Beginning with the issue dated December 04, 2019 and ending with the issue dated December 04, 2019.

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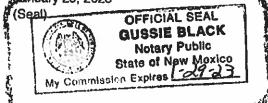
Publisher

Sworn and subscribed to before me this 4th day of December 2019.

Black

Business Manager

My commission expires



This newspaper is duly dualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said



LEGAL NOTICE DECEMBER 4, 2019

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

The State of New Mexico through its Oil Conservation Division hereby gives notice pursuant to iaw and the Rules and Regulations of the Division of the following public hearing to be heid at 6:15 A.M. on December 12, 2018, in Porter Hall, the Oil Conservation Division Hearing Room, 1st Floor, Wendell Chino Building, 1220 South St. Francis, Santa Fe, New Mexico, before an examiner duly appoint for the hearing. If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing. Please contact: Florene Davidson at 605-476-3456 or through the New Mexico Relay Network, 1-800-659-1779 by December 2, 2019. Public documente, including the agenda and minutes, can be provided in various accessible formats. Members of the public may obtain copies of the docket by contacting Ms. Davidson at the phone number indicated above. Also, the docket will be posted on the Oil Conservation Division website at www.emmrd.state.nm.us/OCD/. Please contact Ms. Davidson if a summary or other type of accessible form is needed.

STATE OF NEW MEXICO TO: All named parties and persons having any right, title, interest or claim in the following case and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

To: All overriding royalty interest owners, non-participating royalty interest owners, pooled parties, and working interest owners, including: First Roswell, LTD.; Thomas E. Jennings; EOG Resources, inc.

Case 20923: Application of COG Operating LLC for computery pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interest owners in the Bone Spring formation underlying a standard 640-acre, more or less, horizontal spacing unit comprised of the Lots 1-2, S/2NE/4, and the SE/4 (E/2 equivalent) of irregular Section 4, and the E/2 of Section 9, Township 24 South, Range 32 East, Lea County, New Mexico. Applicant seeks to dedicate the above-referenced horizontal spacing unit to the following proposed wells:

• The Mastiff Fed Com #201H, the Mastiff Fed Com #202H, the Mestiff Fed Com #301H, the Mastiff Fed Com #302H, Mastiff Fed Com #501H, and the Mastiff Fed Com #502H wells to be drilled from surface hole locations in NE/4NE/4 (Lot 1) of Section 4 to bottom hole locations in the SE/4SE/4 (Unit P) of Section 9.

 The Mastiff Fed Com #203H, the Mestiff Fed Com #303H, the Mastiff Fed Com #304H, the Mastiff Fed Com #305H, the Mastiff Fed Com #503H, and the Mastiff Fed Com #504H wells to be drilled from surface hole locations in NW/4NE/4 (Lot 2) of Section 4 to boltom hole locations in the SW/4SE/4 (Unit O) of Section 9.

The completed intervals for the proposed Mastiff Fed Com #202H well will be within 330' of the quarter-quarter line separating the W/2E/2 and the E/2E/2 of Sections 4 and 9 to allow inclusion of this acreage into a standard 640-acre horizontal well spacing unit. Also, to be considered will be the cost of drilling and completing the wells, the allocation of the cost thereof, the actual operating costs and charges for supervision, the designation of applicant as operator, and the imposition of 200% charge for risk involved in drilling and completing each well. Said area is located approximately 23 miles east of Loving, New Mexico. #34938

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COG Operating LLC - SANTA FE 1048 PASEO DE PERALTA SANTA FE, NM 87501

Affidavit of Publication

STATE OF NEW MEXICO COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

> Beginning with the issue dated December 04, 2019 and ending with the issue dated December 04, 2019.

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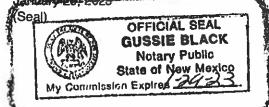
Publisher

Sworn and subscribed to before me this 4th day of December 2019.

Black

Business Manager

My commission expires



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said



LEGAL NOTICE DECEMBER 4, 2019

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

The State of New Mexico through its Oil Conservation Division hereby gives notice pursuant to law and the Rules and Regulations of the Division of the following public hearing to be held at 8:16 A.M. on December 12, 2019, In Porter Hall, the Oil Conservation Division Hearing Room, 1st Floor, Wendell Chino Bullding, 1220 South SL Francis, Santa Fe, New Mexico, before an examiner duly appoint for the hearing. If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing. please contact: Florene Davidson at 505-476-3458 or through the New Mexico Relay Network, 1-800-659-1779 by December 2, 2018. Public documents, including the agenda and minutes, can be provided in various accessible formats. Members of the public may obtain copies of the docket by contacting Ms. Davidson at the phone number indicated above. Also, the docket will be posted on the OII Conservation Division website at www.emnrd.state.nm.us/OCD/. Please contact Ms. Davidson if a summary or other type of accessible form is needed.

STATE OF NEW MEXICO TO: All named parties and persons having any right, title, interest or claim in the following case and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

To: All overriding royaity interest owners, non-participating royaity interest owners, pooled parties, and working interest owners, including: First Roswell, LTD.; Thomas E. Jennings; EOG Resources, Inc.

Case 20924: Application of COG Operating LLC for compulsory pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interest owners in the Bone Spring formation underlying a standard 840-acre, more or less, horizontal spacing unit comprised of Lots 3-4, the S/2NW/4, and the SW/4 (W/2 equivalent) of irregular Section 4, Township 24 South, Range 32 East, and the W/2 of Section 33, Township 23 South, Range 32 East, Lea County, New Mexico. Applicant seelse to dedicate the above-referenced horizontal spacing unit to the following proposed wells:

• The Mastiff Fed Com #204H, the Mastiff Fed Com #306H, and the Mastiff Fed Com #307H wells to be drilled from surface hole locations in SE/4SW/4 (Unit N) of Section 4 to bottom hole locations in the NE/4NW/4 (Unit C) of Section 33.

• The Mastiff Fed Com #205H, the Mastiff Fed Com #308H, the Mastiff Fed Com #309H, the Mastiff Fed Com #309H, the Mastiff Fed Com #505H, the Surface hole locations in SW/4SW/4 (Unit M) of Section 4 to bottom hole ilocations in the NW/4NW/4 (Unit D) of Section 33.

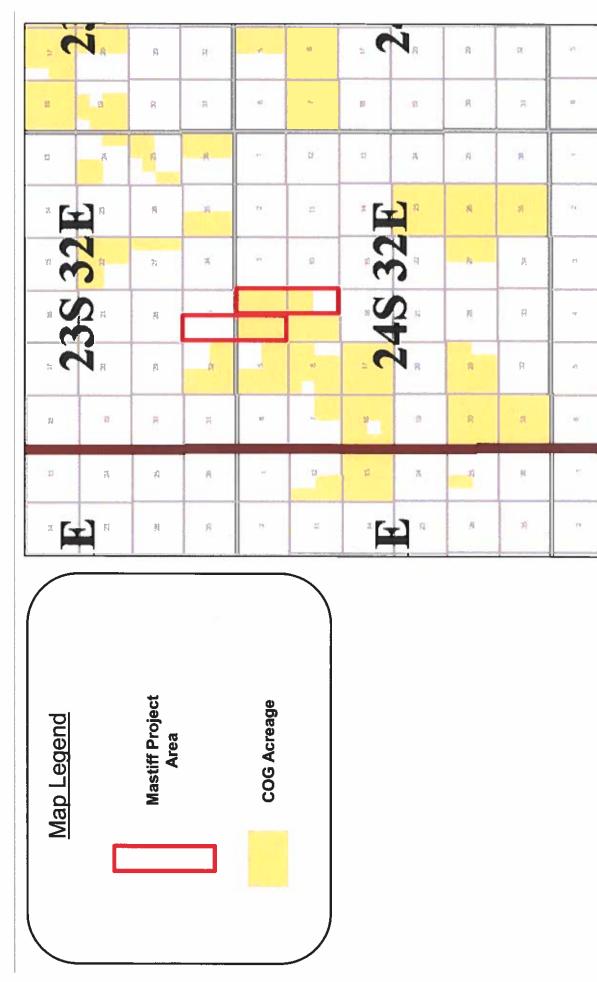
The completed intervals for the proposed Mastiff Fed Com #308H well will be within 330' of the quarter-quarter line separating the W/2W/2 and the E/2W/2 of Sections 4 and 33 to allow inclusion of this acreage into a standard 640-acre horizontal well spacing unit. Also, to be considered will be the cost of drilling and completing the wells, the allocation of the cost thereof, the actual operating costs and charges for supervision, the designation of applicant as operator, and the imposition of 200% charge for risk involved in drilling and completing each well. Said area is located approximately 23 miles east of Loving, New MaxIco. #34937

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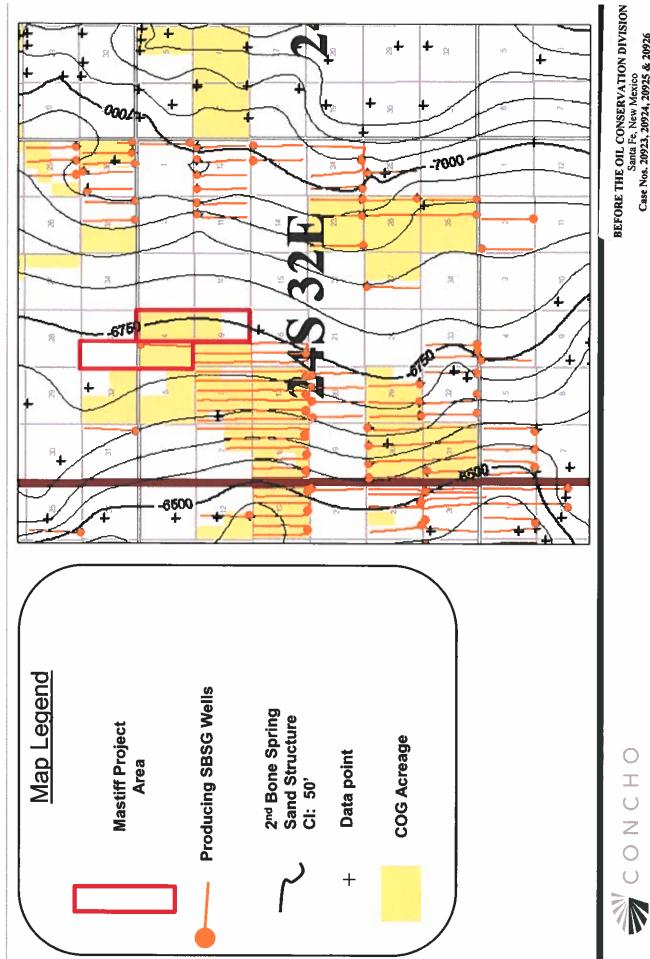
COG Operating LLC - SANTA FE 1048 PASEO DE PERALTA SANTA FE, NM 87501

Location Map-Mastiff Project Area

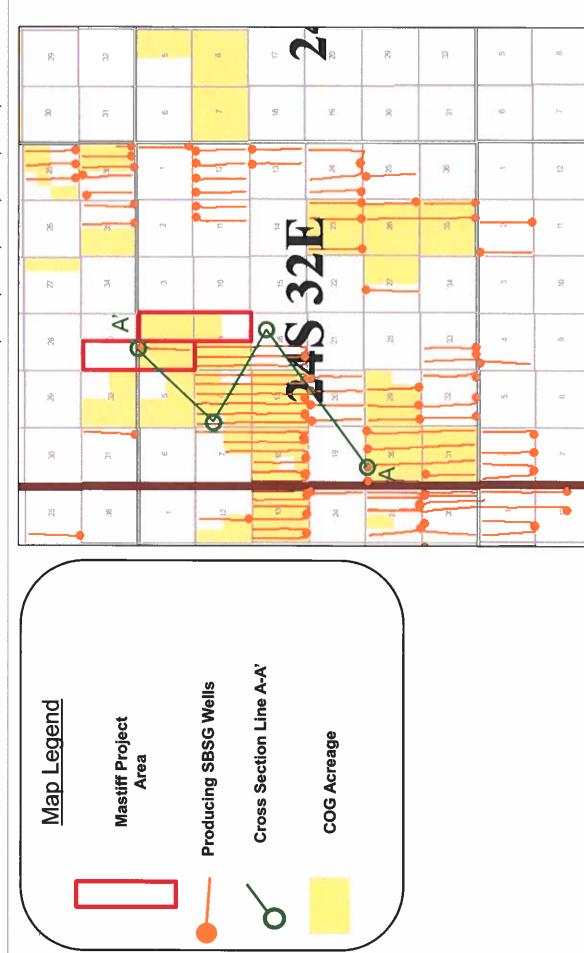


BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Case Nos. 20923, 20924, 20925 & 20926 Exhibit No. 6 Submitted by: <u>COG OPERATING LLC</u> Hearing Date: February 20, 2020

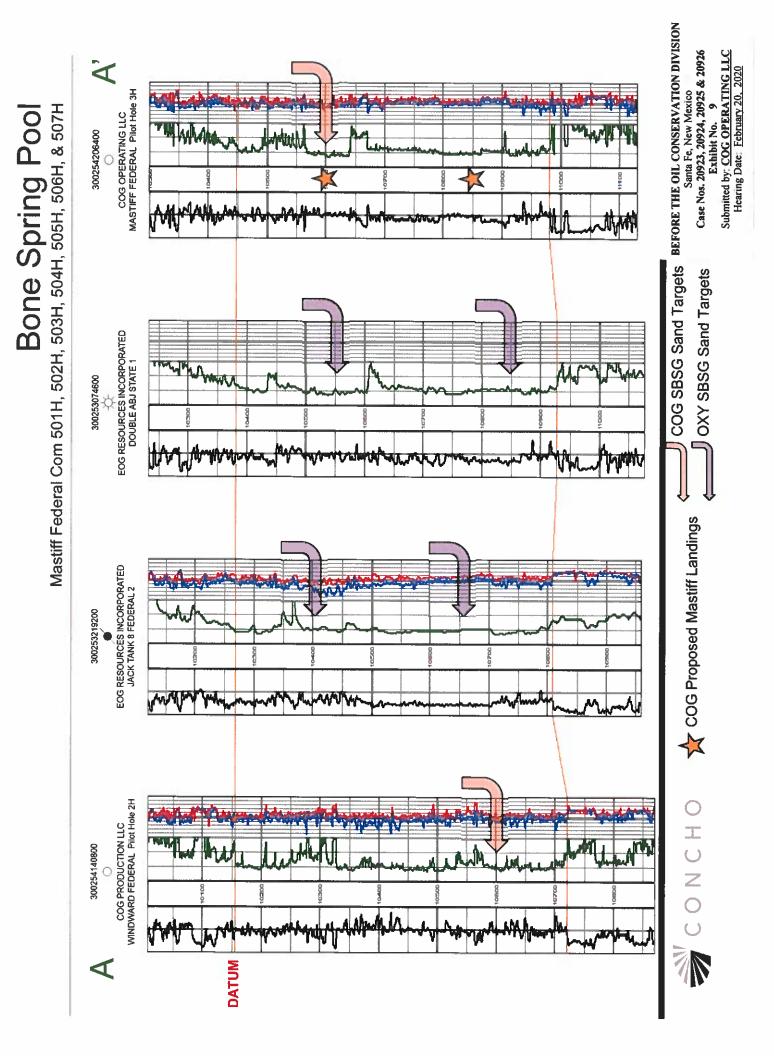
Bone Spring Pool Mastiff Federal Com 501H, 502H, 503H, 504H, 505H, 805H, & 507H



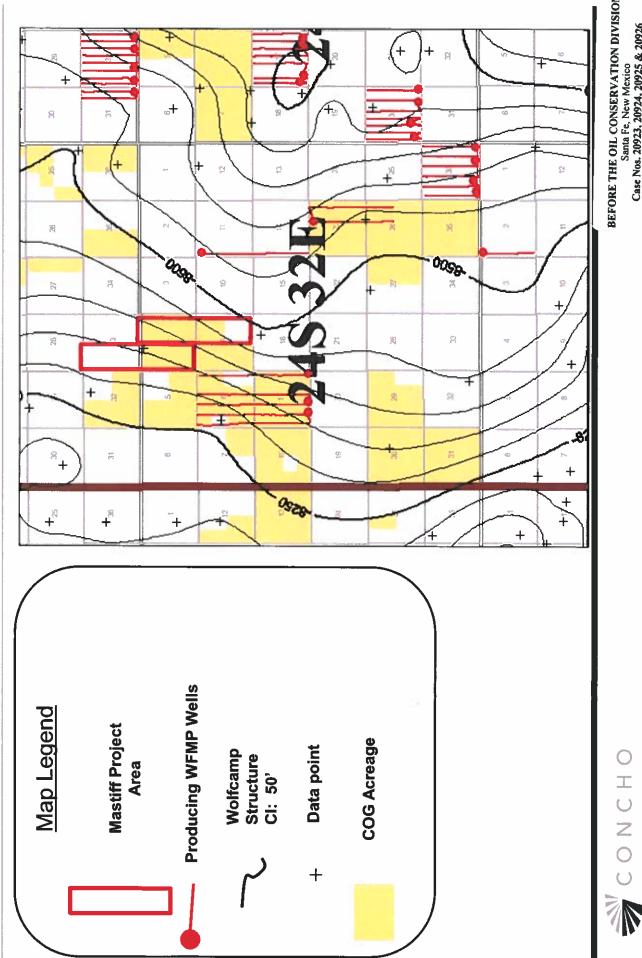
BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Case Nos. 20923, 20934, 20925 & 20926 Exhibit No. 7 Submitted by: <u>COC OPERATING LLC</u> Hearing Date: <u>February 20, 2020</u> Bone Spring Pool Mastiff Federal Com 501H, 502H, 503H, 504H, 505H, 807H



BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Case Nos. 20923, 20924, 20926 & 20926 Exhibit No. 8 Submitted by: <u>COG OPERATING LLC</u> Hearing Date: <u>February 20, 2020</u>

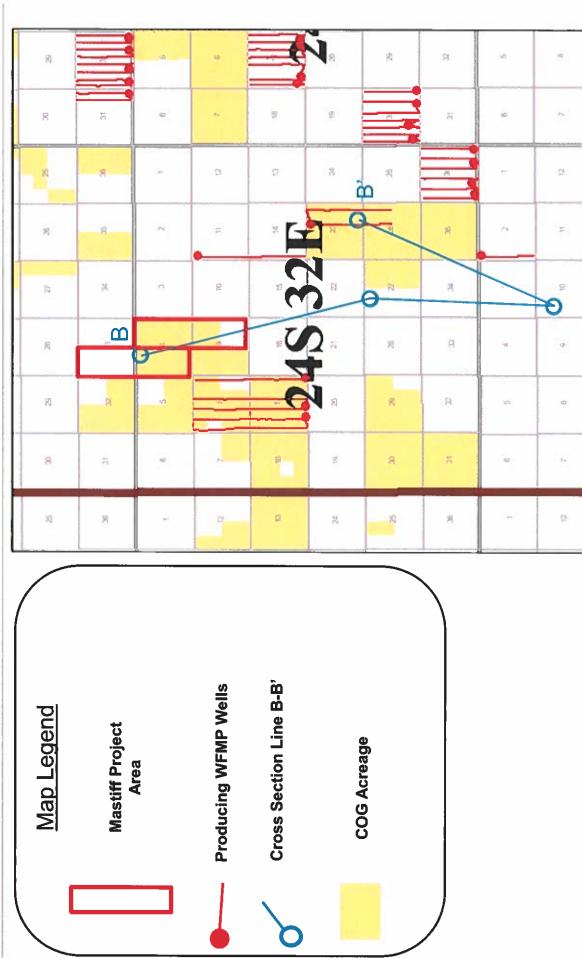


Mastiff Federal Com 701H, 702H ,703H, 704H, 705H, 706H, 707H, 708H, 709H, & 710H Wolfcamp Pool

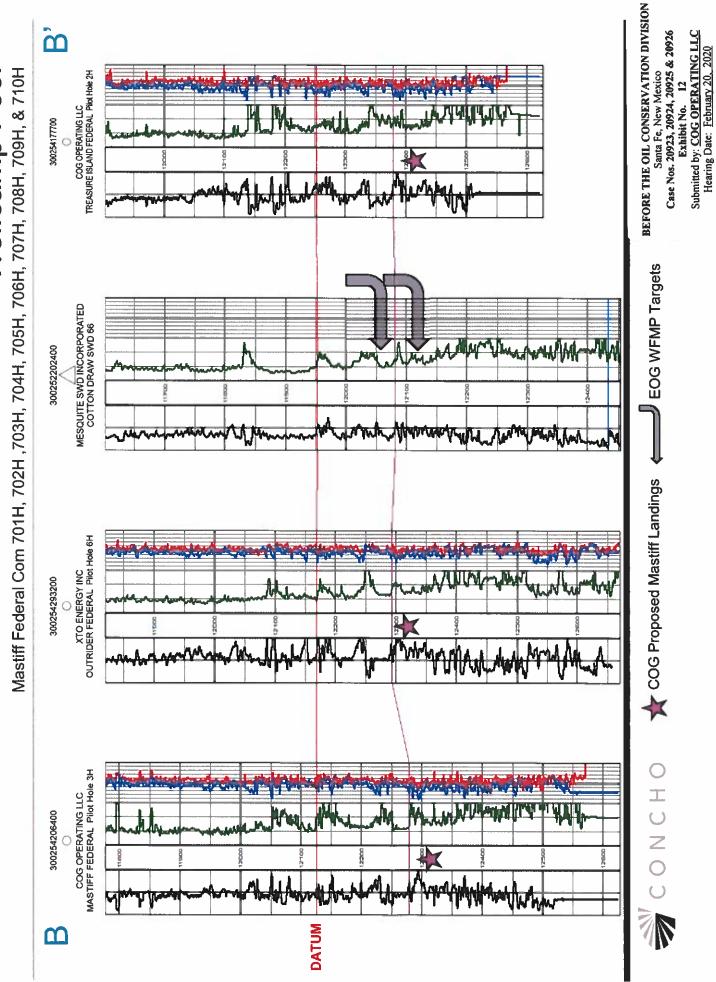


BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Case Nos. 20923, 20924, 20925, & 20926 Exhibit No. 10 Submitted by: <u>COG OPERATING LLC</u> Hearing Date: <u>February 20, 2020</u> Wolfcamp Pool

Mastiff Federal Com 701H, 702H ,703H, 704H, 705H, 706H, 707H, 708H, 709H, & 710H

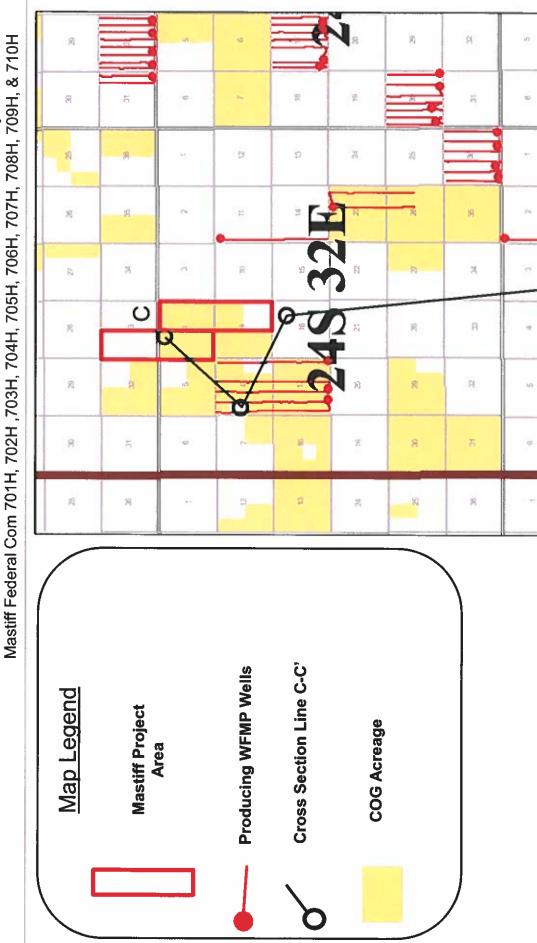


BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Case Nos. 20923, 20924, 20925 & 20926 Exhibit No. 11 Submitted by: COG OPERATING LLC Hearing Date: February 20. 2020



Wolfcamp Pool

Wolfcamp Pool



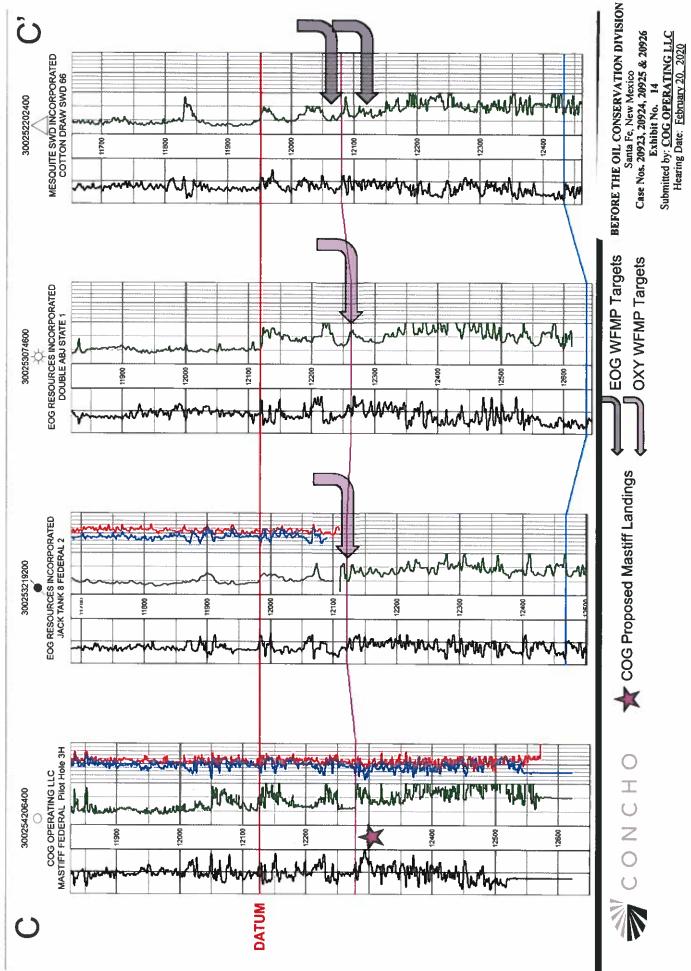
BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Case Nos. 20923, 20924, 20925 & 20926 Exhibit No. 13 Submitted by: <u>COG OPERATING LLC</u> Hearing Date: <u>February 20, 2020</u>

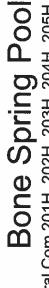
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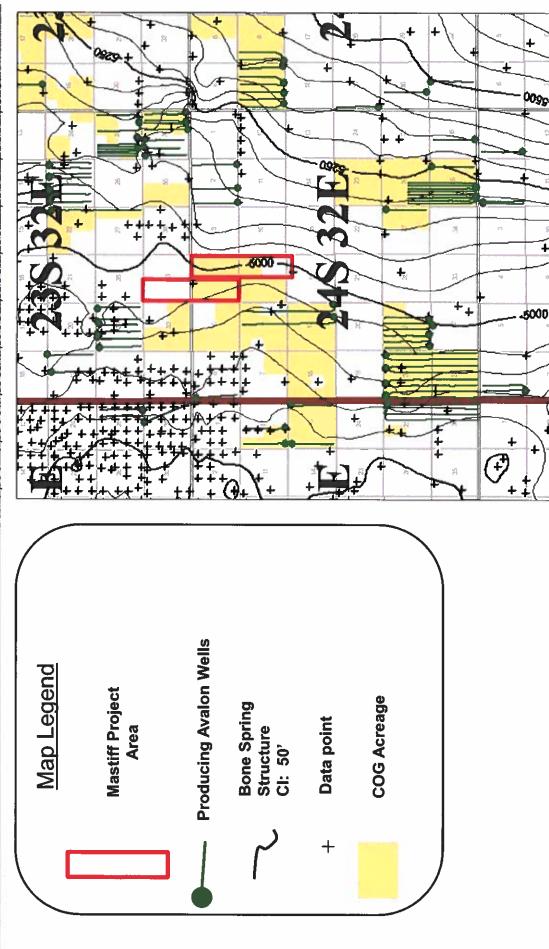
C O N C H O

Mastiff Federal Com 701H, 702H ,703H, 704H, 705H, 706H, 707H, 708H, 709H, & 710H Wolfcamp Pool





Mastiff Federal Com 201H, 202H, 203H, 204H, 205H, 301H, 302H, 303H, 304H, 305H, 306H, 307H, 308H, 309H, & 310H



BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Case Nos. 20923, 20924, 20925 & 20926 Exhibit No. 15 Submitted by: COG OPERATING LLC Hearing Date: Eebruary 20. 2020

BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Case Nos. 20923, 20924, 20926 & 20926 Exhibit No. 16 Submitted by: COG OPERATING LLC Hearing Date: February 20. 2020

