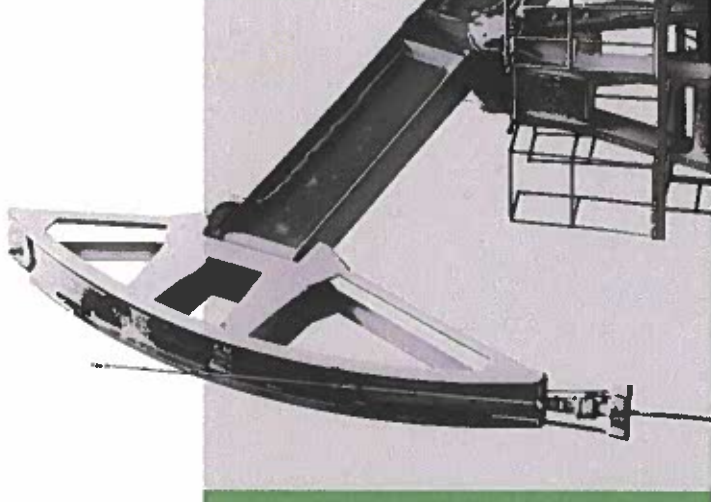


Before the Oil Conservation Division
February 20, 2020
Applications of COG Operating LLC
Case Nos. 20923, 20924, 20925 & 20926
Mastiff Wells



APPLICATION OF COG OPERATING LLC
CASE NO. 20923

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

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87506
Phone: (505) 476-3460 Fax: (505) 476-3462

Form C-102
Revised August 1, 2011
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[illegible]

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
511 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 746-1263 Fax: (575) 746-9720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6176 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3480 Fax: (505) 476-3482

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
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Santa Fe, New Mexico 87505

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MASTIFF	Well Number 202H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation

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 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
P	9	24-S	32-E		50	SOUTH	1310	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SECTION 4 SECTION 9	LOT 4 39.67 Ac	LOT 3 39.55 Ac	50' LOT 2 39.62 Ac	S.L. 1310' LOT 1 39.82 Ac
OPERATOR CERTIFICATION <i>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.</i> Signature _____ Date _____ Printed Name _____ E-mail Address _____				
SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Date of Survey _____ Signature & Seal of Professional Surveyor _____				
Certificate No. CHAD HARCROW 17777 W.O. # 20-286 DRAWN BY: DS				

DISTRICT I
1825 N. FRENCH DR., BOBBS, NM 88240
Phone: (575) 383-8181 Fax: (575) 383-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-8720

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

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
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1220 SOUTH ST. FRANCIS DR.
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MASTIFF FEDERAL COM	Well Number 301H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 3676.3'

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		270	NORTH	330	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
P	9	24-S	32-E		50	SOUTH	330	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

<p>NAD 83 NME <u>SURFACE LOCATION</u> Y=456427.0 N X=745743.2 E LAT.=32.253063° N LONG.=103.672119° W</p>	<p>Y=456674.8 N X=743428.7 E</p> <table border="1"><tr><td>LOT 4 39.67 Ac</td><td>LOT 3 39.55 Ac</td><td>LOT 2 39.62 Ac</td><td>LOT 1 39.82 Ac</td></tr></table>				LOT 4 39.67 Ac	LOT 3 39.55 Ac	LOT 2 39.62 Ac	LOT 1 39.82 Ac	<p>270' S.L. 330'</p> <p>FIP 100' FNL & 330' FEL Y=456597.0 N X=745742.1 E LAT.=32.253530° N LONG.=103.672119° W GRID AZ. TO FIP 359°37'22"</p>	<p>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.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p>
	LOT 4 39.67 Ac	LOT 3 39.55 Ac	LOT 2 39.62 Ac	LOT 1 39.82 Ac						
<p>NAD 83 NME <u>PROPOSED BOTTOM HOLE LOCATION</u> Y=446194.6 N X=745810.5 E LAT.=32.224936° N LONG.=103.672105° W</p>	<p>SECTION 04 SECTION 09</p> <p>GRID AZ. -179°37'23" HORZ. DIST. -10402.6'</p> <p>LEASE X-ING LAT.=32.239307° N LONG.=103.672112° W</p> <p>LEASE X-ING LAT.=32.232054° N LONG.=103.672108° W</p> <p>LTP 100' FSL & 330' FEL Y=446244.6 N X=745810.2 E LAT.=32.225073° N LONG.=103.672105° W</p> <p>50' B.H. 330'</p> <p>Y=446126.8 N X=743489.98 E</p> <p>Y=446147.2 N X=746140.8 E</p>				<p>SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>OCTOBER 3, 2019</p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor</p> <div style="text-align: center;"> Chad L. HARCROW 17777 10/12/19</div> <p>Certificate No. CHAD HARCROW 17777 W.O. # 1765 DRAWN BY: AH</p>					

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
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DISTRICT II
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Phone: (505) 748-1253 Fax: (505) 748-9720

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

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3482

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MASTIFF FEDERAL COM	Well Number 302H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 3678.3'

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		270	NORTH	930	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
P	9	24-S	32-E		50	SOUTH	730	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

<p>Y=456674.8 N X=743428.7 E LOT 4 39.67 Ac LOT 3 39.55 Ac NAD 83 NME <u>SURFACE LOCATION</u> Y=456421.2 N X=745143.2 E LAT.=32.253057° N LONG.=103.674059° W</p>	<p>270' S.L. 930' LOT 2 39.62 Ac LOT 1 39.82 Ac Y=456700.2 N X=746071.4 E ETP 100' FNL & 730' FEL Y=456593.2 N X=745342.1 E LAT.=32.253526° N LONG.=103.673413° W GRID AZ. TO ETP 49°09'05"</p>	<p>SECTION 4 SECTION 9</p>	<p>NAD 83 NME <u>PROPOSED BOTTOM HOLE LOCATION</u> Y=446191.6 N X=745410.5 E LAT.=32.224934° N LONG.=103.673398° W</p>	<p>LEASE X-ING LAT.=32.239308° N LONG.=103.673405° W</p>	<p>GRID AZ. - 179°37'23" HORIZ. DIST. - 10401.8'</p>	<p>LEASE X-ING LAT.=32.232053° N LONG.=103.673402° W</p>	<p>LTP 100' FSL & 730' FEL Y=446241.6 N X=745410.2 E LAT.=32.225072° N LONG.=103.673398° W</p>	<p>Y=446126.8 N X=743490.0 E</p>	<p>B.H. 50' 730'</p>	<p>Y=446147.2 N X=746140.8 E</p>

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 _____

E-mail Address _____

SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

OCTOBER 3, 2019
Date of Survey

Signature & Seal of Professional Surveyor



Chad L. HARCROW
NEW MEXICO
LICENSED PROFESSIONAL SURVEYOR
17777

10/11/19
Certificate No. CHAD HARCROW 17777
W.O. # 19-1770 DRAWN BY: WN

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (505) 392-6161 Fax: (505) 392-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
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DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
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Santa Fe, New Mexico 87505

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MASTIFF	Well Number 501H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation

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
P	9	24-S	32-E		50	SOUTH	660	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
-----------------	-----------------	--------------------	-----------

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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

	OPERATOR CERTIFICATION <i>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.</i>	
	Signature _____ Date _____	
	Printed Name _____	
	E-mail Address _____	
	SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>	
	Date of Survey _____	
	Signature & Seal of Professional Surveyor _____	
	Certificate No. CHAD HARCROW 17777	
	W.O. # 20-288 DRAWN BY: AH	

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87506
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
Property Code	Property Name MASTIFF		Well Number 502H
OGRID No.	Operator Name COG OPERATING, LLC		Elevation

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	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
P	9	24-S	32-E		50	SOUTH	990	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
-----------------	-----------------	--------------------	-----------

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[illegible]

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-9720

DISTRICT II
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Phone: (575) 746-1283 Fax: (575) 746-9720

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

DISTRICT IV
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Phone: (505) 476-3460 Fax: (505) 476-3462

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MASTIFF	Well Number 203H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation

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 Acres	Joint or Infill	Consolidation Code	Order No.

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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

SECTION 4 SECTION 9	LOT 4	LOT 3	50' S.L.	2310'
	39.67 Ac	39.55 Ac	LOT 2	LOT 1
			39.62 Ac	39.82 Ac
		50' B.H.	2310'	

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 _____

E-mail Address _____

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey _____

Signature & Seal of Professional Surveyor _____

Certificate No. CHAD HARCROW 17777
W.O. # 20-287 DRAWN BY: DS

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1253 Fax: (575) 748-9720

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

DISTRICT IV
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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name	Well Number
	MASTIFF FEDERAL COM	303H
OGRID No.	Operator Name	Elevation
	COG OPERATING, LLC	3678.8'

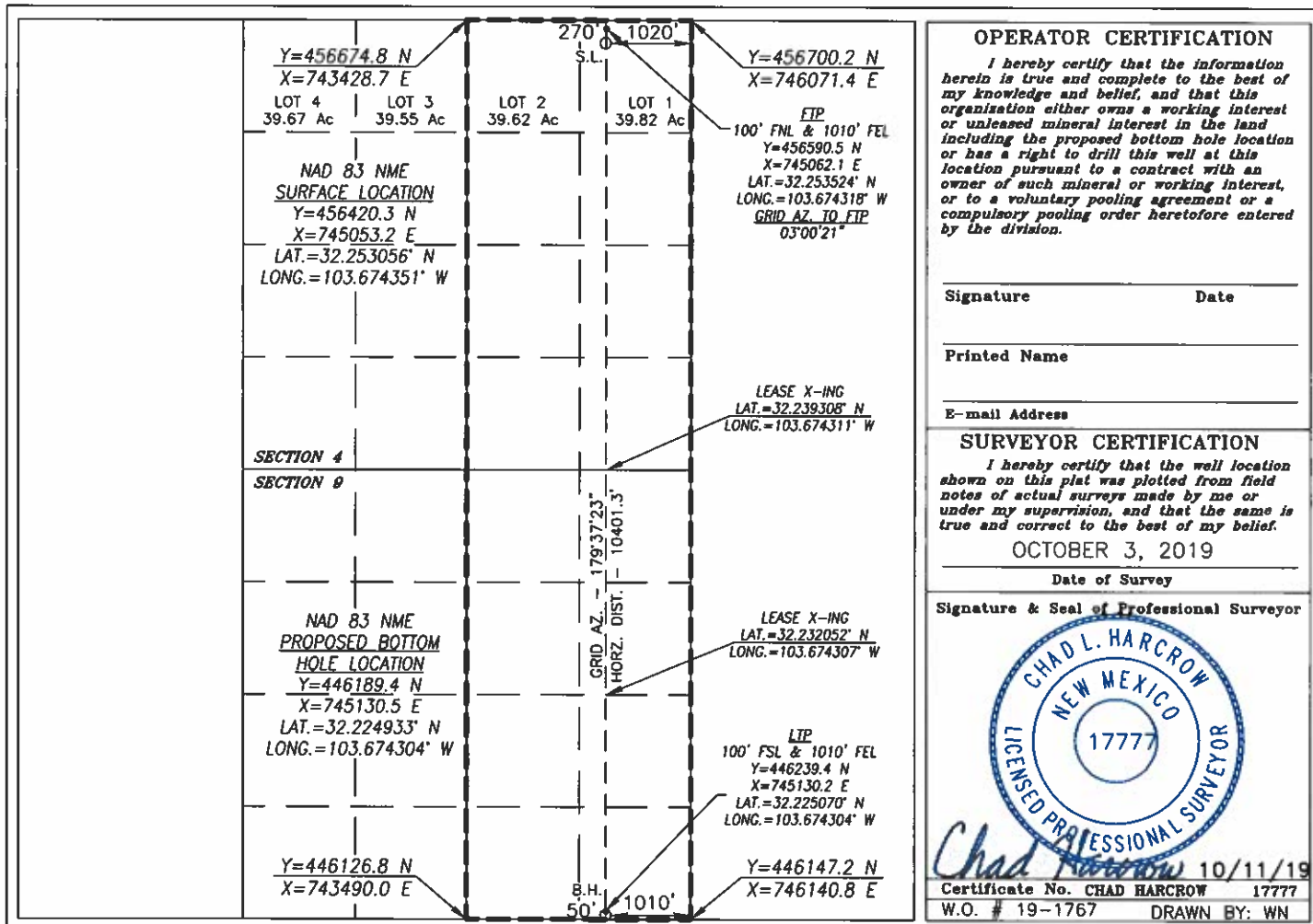
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	4	24-S	32-E		270	NORTH	1020	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
P	9	24-S	32-E		50	SOUTH	1010	EAST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MASTIFF FED COM	Well Number 304H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 3684.0'

Surface Location

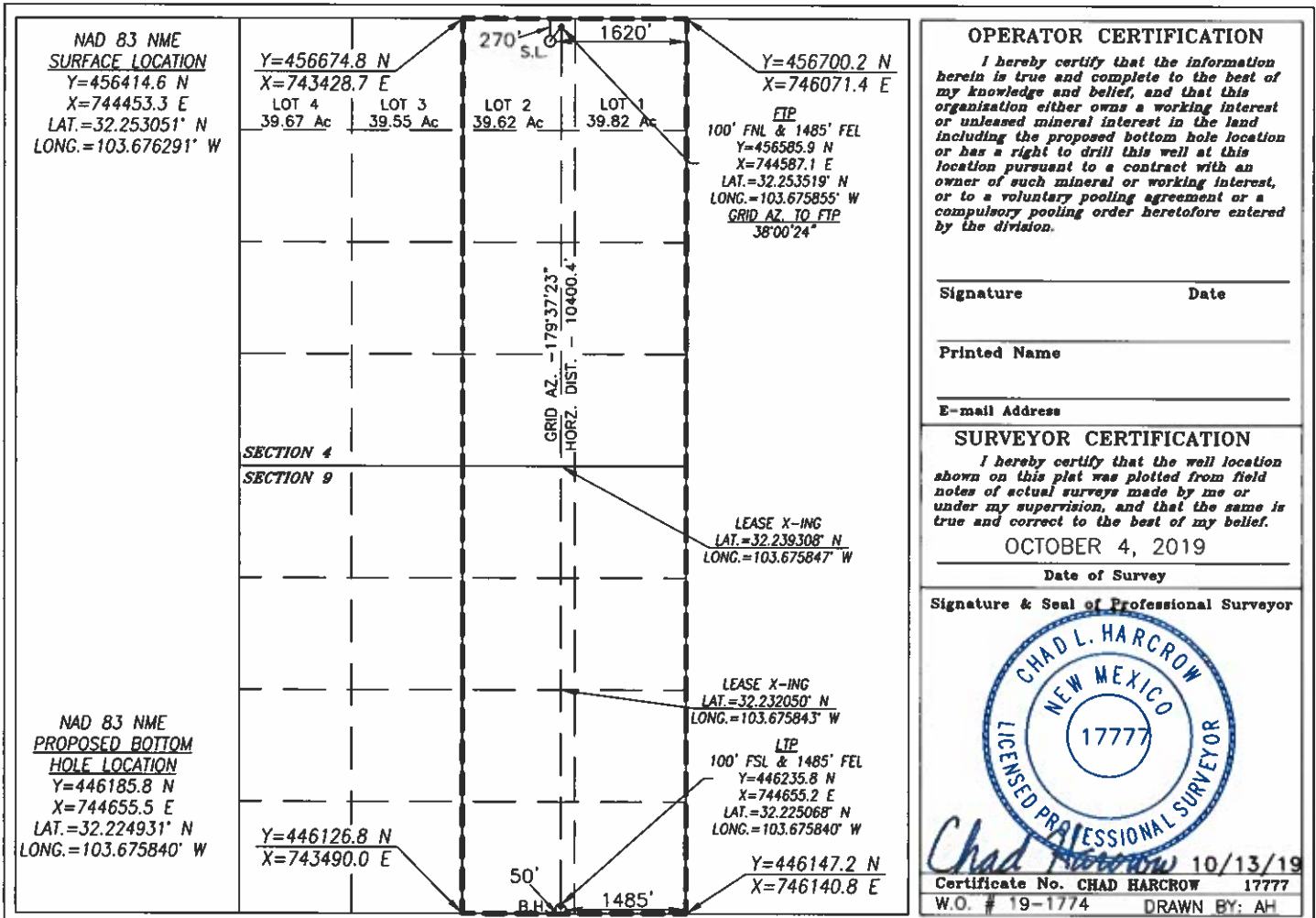
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	4	24-S	32-E		270	NORTH	1620	EAST	LEA

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	1485	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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DISTRICT III
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Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
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State of New Mexico
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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MASTIFF FEDERAL COM	Well Number 305H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 3683.0'

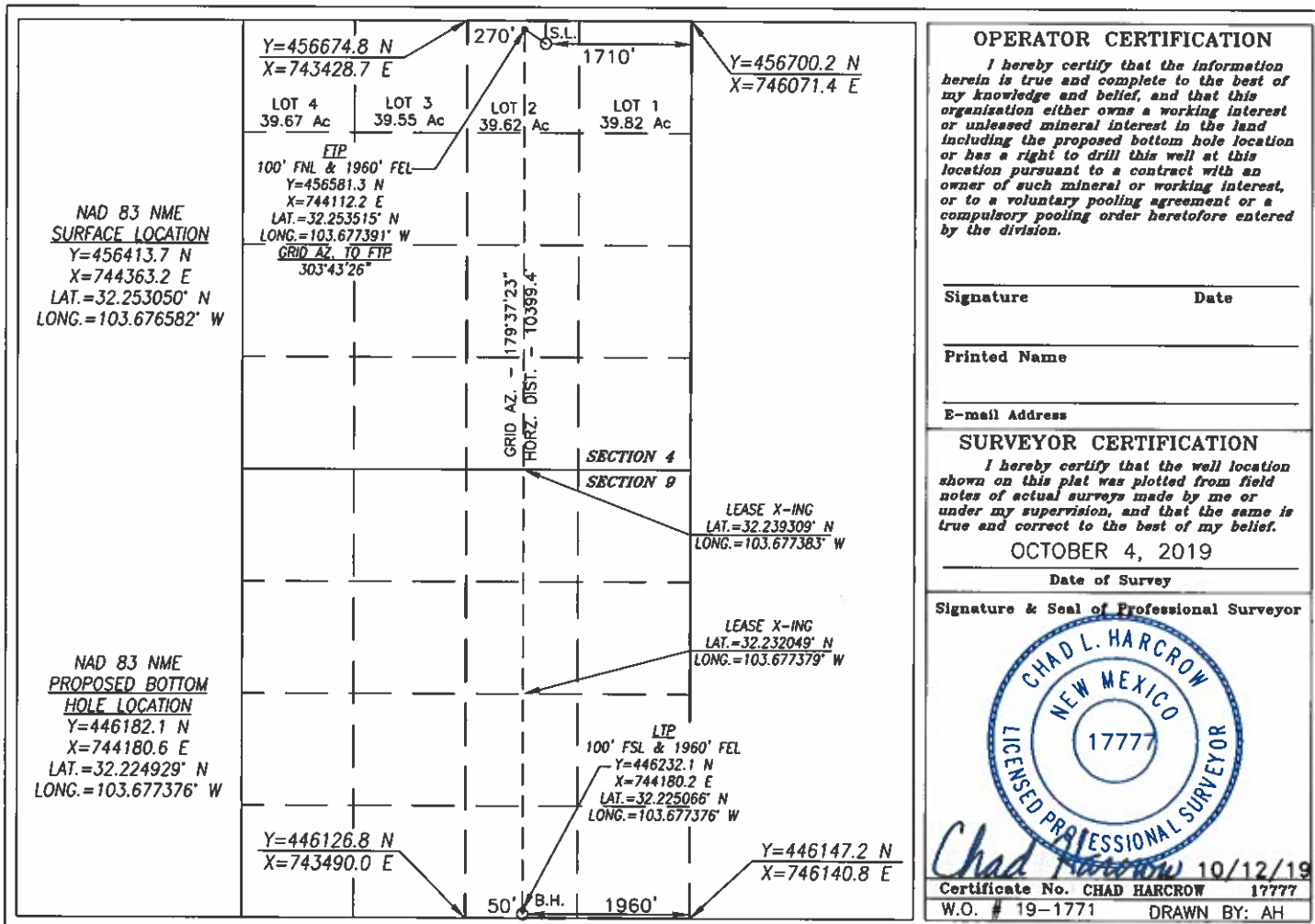
Surface Location

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		270	NORTH	1710	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	1960	EAST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

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1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-0181 Fax: (575) 363-0720

DISTRICT II
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Phone: (575) 746-1263 Fax: (575) 748-9720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6176 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87606
Phone: (505) 476-3480 Fax: (505) 476-3482

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MASTIFF	Well Number 503H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation

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	1650	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	1650	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
-----------------	-----------------	--------------------	-----------

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

SECTION 4 SECTION 9	LOT 4 39.67 Ac	LOT 3 39.55 Ac	50' S.L. LOT 2 39.62 Ac	1650' LOT 1 39.82 Ac

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 _____

E-mail Address _____

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey _____

Signature & Seal of Professional Surveyor _____

Certificate No. **CHAD HARCROW** 17777
W.O. # 20-290 DRAWN BY: DS

DISTRICT I
1025 N. FRENCH DR., HOBBS, NM 88240
Phone: (505) 393-8181 Fax: (505) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 748-1263 Fax: (505) 748-9720

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

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87506
Phone: (505) 476-3480 Fax: (505) 476-3482

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MASTIFF	Well Number 504H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation

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	1980	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	1980	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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SECTION 4 SECTION 9	LOT 4 39.67 Ac	LOT 3 39.55 Ac	50' S.L. 1980' LOT 2 39.62 Ac	LOT 1 39.82 Ac

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 _____

E-mail Address _____

SURVEYOR CERTIFICATION

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Date of Survey _____

Signature & Seal of Professional Surveyor _____

Certificate No. **CHAD HARCROW 17777**
W.O. # **20-291** DRAWN BY: **DS**

APPLICATION OF COG OPERATING LLC
CASE NO. 20924

DISTRICT I
1825 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6181 Fax: (575) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

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

DISTRICT IV
1820 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3480 Fax: (505) 476-3482

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
Property Code	Property Name MASTIFF		Well Number 204H
OGRID No.	Operator Name COG OPERATING, LLC		Elevation

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	4	24-S	32-E		50	SOUTH	1720	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
C	33	23-S	32-E		50	NORTH	1720	WEST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
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				<p>OPERATOR CERTIFICATION</p> <p><i>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.</i></p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p>	
<p>SURVEYOR CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor _____</p>				<p>Certificate No. CHAD HARCROW 17777 W.O. #20-292 DRAWN BY: WN</p>	

DISTRICT I
1825 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

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

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
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1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name	Well Number
	MASTIFF FEDERAL COM	306H
OGRID No.	Operator Name	Elevation
	COG OPERATING, LLC	3676.4'

Surface Location

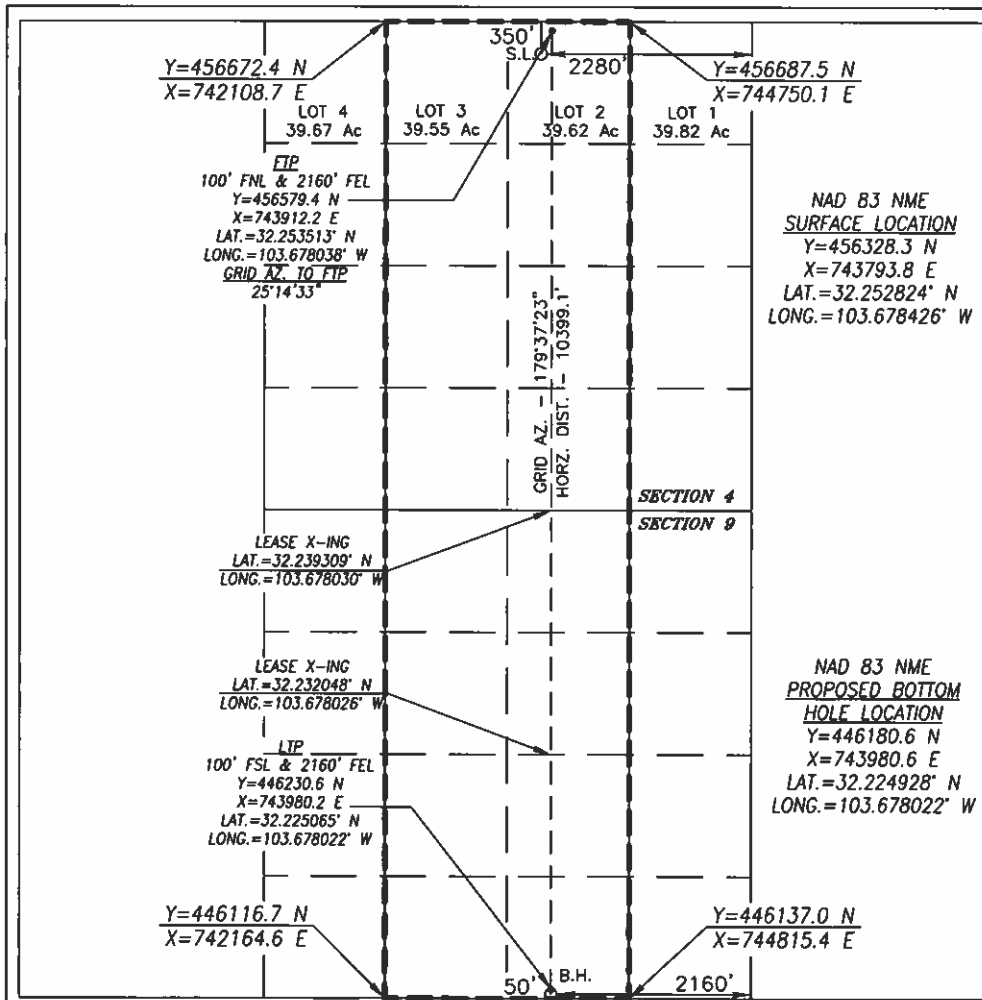
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	4	24-S	32-E		350	NORTH	2280	EAST	LEA

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	2160	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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OPERATOR CERTIFICATION

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Signature

Date

Printed Name

E-mail Address

SURVEYOR CERTIFICATION

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OCTOBER 4, 2019

Date of Survey

Signature & Seal of Professional Surveyor



10/13/19
Certificate No. CHAD HARCROW 17777
W.O. # 19-1778 DRAWN BY: DS

DISTRICT I
1828 N. FRENCH DR., HOBBS, NM 88240
Phone: (505) 393-8181 Fax: (505) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720

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

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1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MASTIFF FEDERAL COM	Well Number 307H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 3675.3'

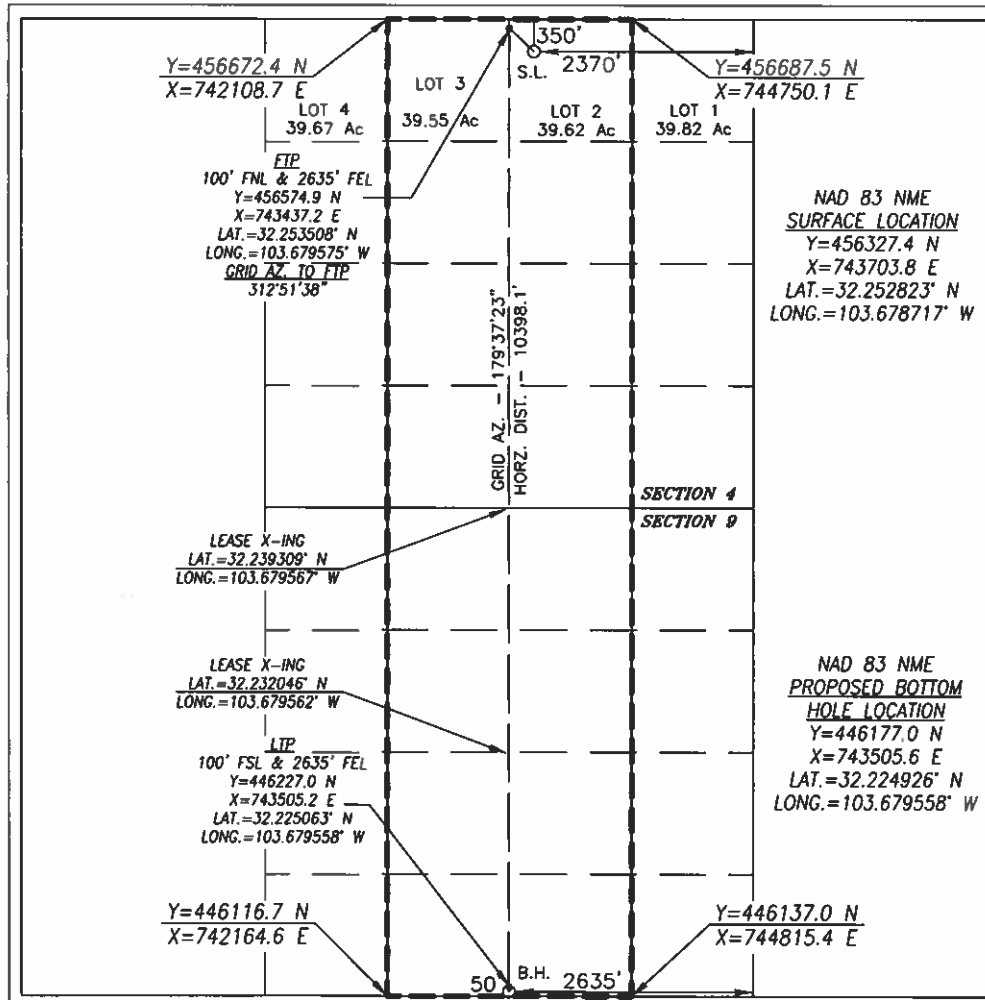
Surface Location

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		350	NORTH	2370	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	2635	EAST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

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OPERATOR CERTIFICATION

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Signature

Date

Printed Name

E-mail Address

SURVEYOR CERTIFICATION

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OCTOBER 4, 2019

Date of Survey

Signature & Seal of Professional Surveyor



Certificate No. CHAD HARCROW 17777
W.O. # 19-1775 DRAWN BY: DS

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 746-1283 Fax: (575) 746-9729

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

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MASTIFF	Well Number 205H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation

Surface 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	Joint or Infill	Consolidation Code	Order No.
-----------------	-----------------	--------------------	-----------

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				<p>OPERATOR CERTIFICATION</p> <p><i>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.</i></p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p>	
<p>SURVEYOR CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor _____</p>				<p>Certificate No. CHAD HARCROW 17777 W.O. #20-293 DRAWN BY: WN</p>	

DISTRICT I
1825 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6176 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3466 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MASTIFF FEDERAL COM	Well Number 308H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 3637.4'

Surface Location

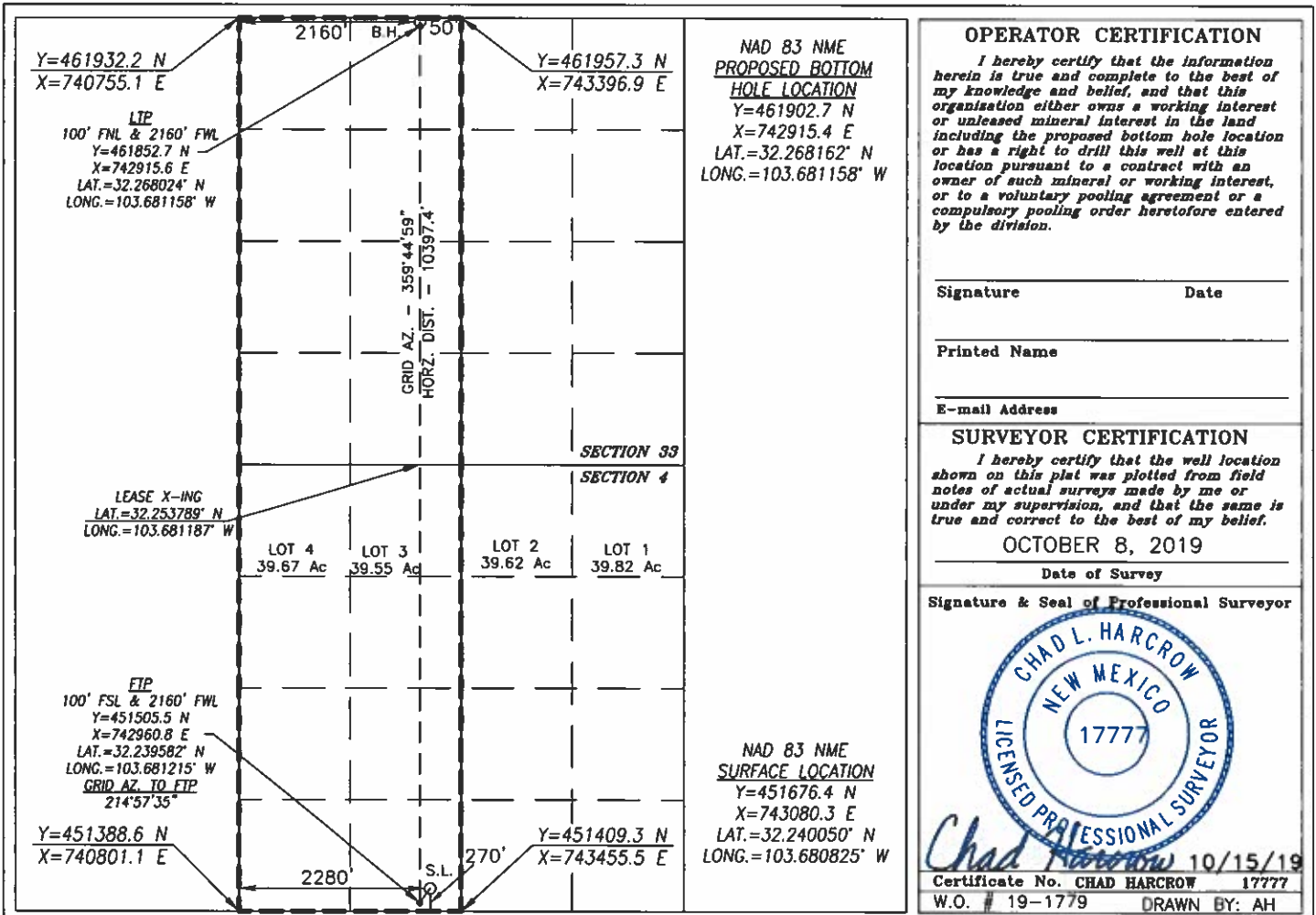
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	4	24-S	32-E		270	SOUTH	2280	WEST	LEA

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
C	33	23-S	32-E		50	NORTH	2160	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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DISTRICT I
1625 N. FRENCH DR., HOBBES, NM 88240
Phone: (505) 393-8181 Fax: (505) 393-0780

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9780

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

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MASTIFF FEDERAL COM	Well Number 309H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 3637.6'

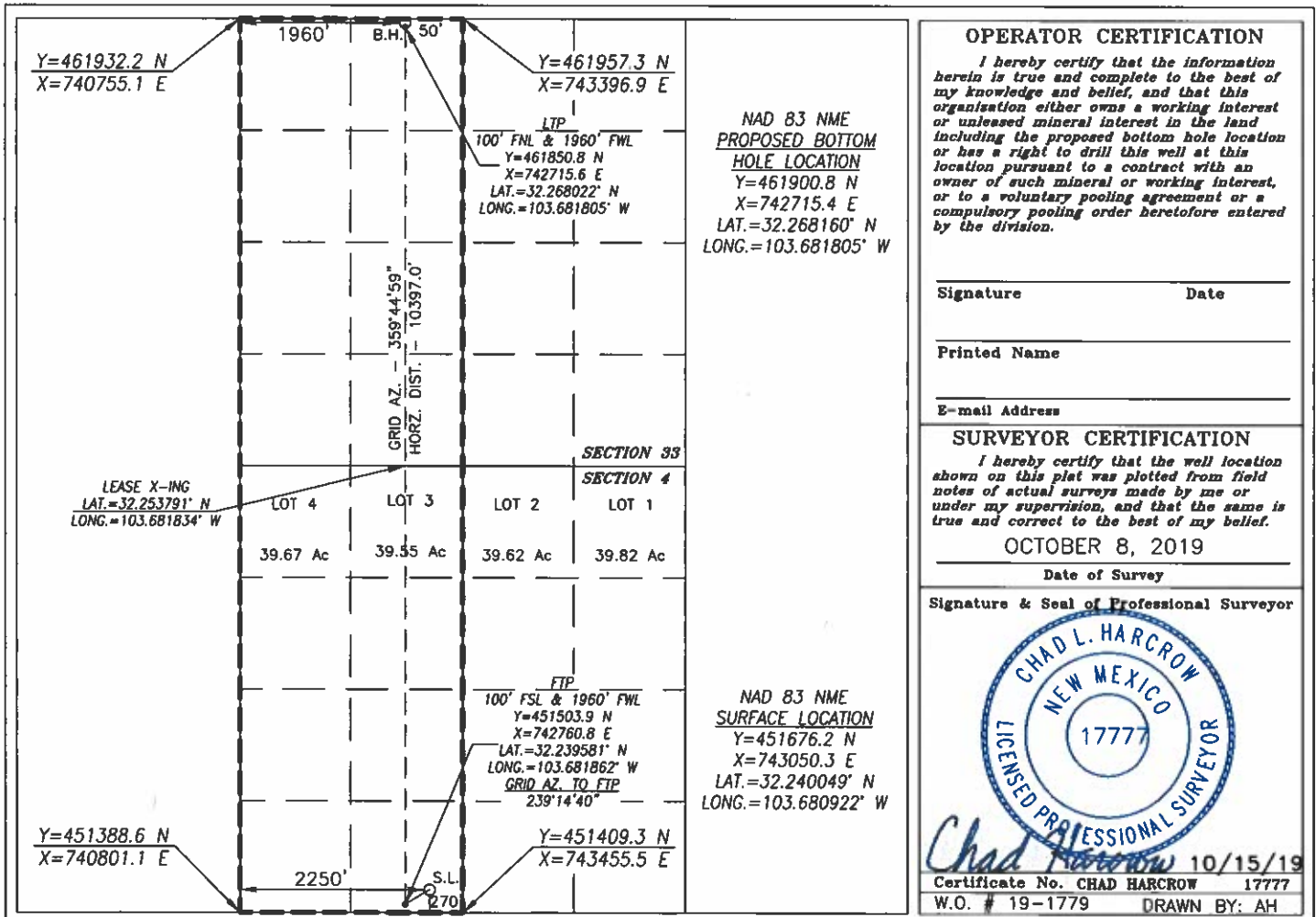
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	4	24-S	32-E		270	SOUTH	2250	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
C	33	23-S	32-E		50	NORTH	1960	WEST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

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1825 N. FRENCH DR., HOBBS, NM 88240
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DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 478-3460 Fax: (505) 478-3462

State of New Mexico
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025	Pool Code	Pool Name
Property Code	Property Name MASTIFF FEDAERL COM	Well Number 310H
OGRID No. 229137	Operator Name COG OPERATING, LLC.	Elevation 3637.3'

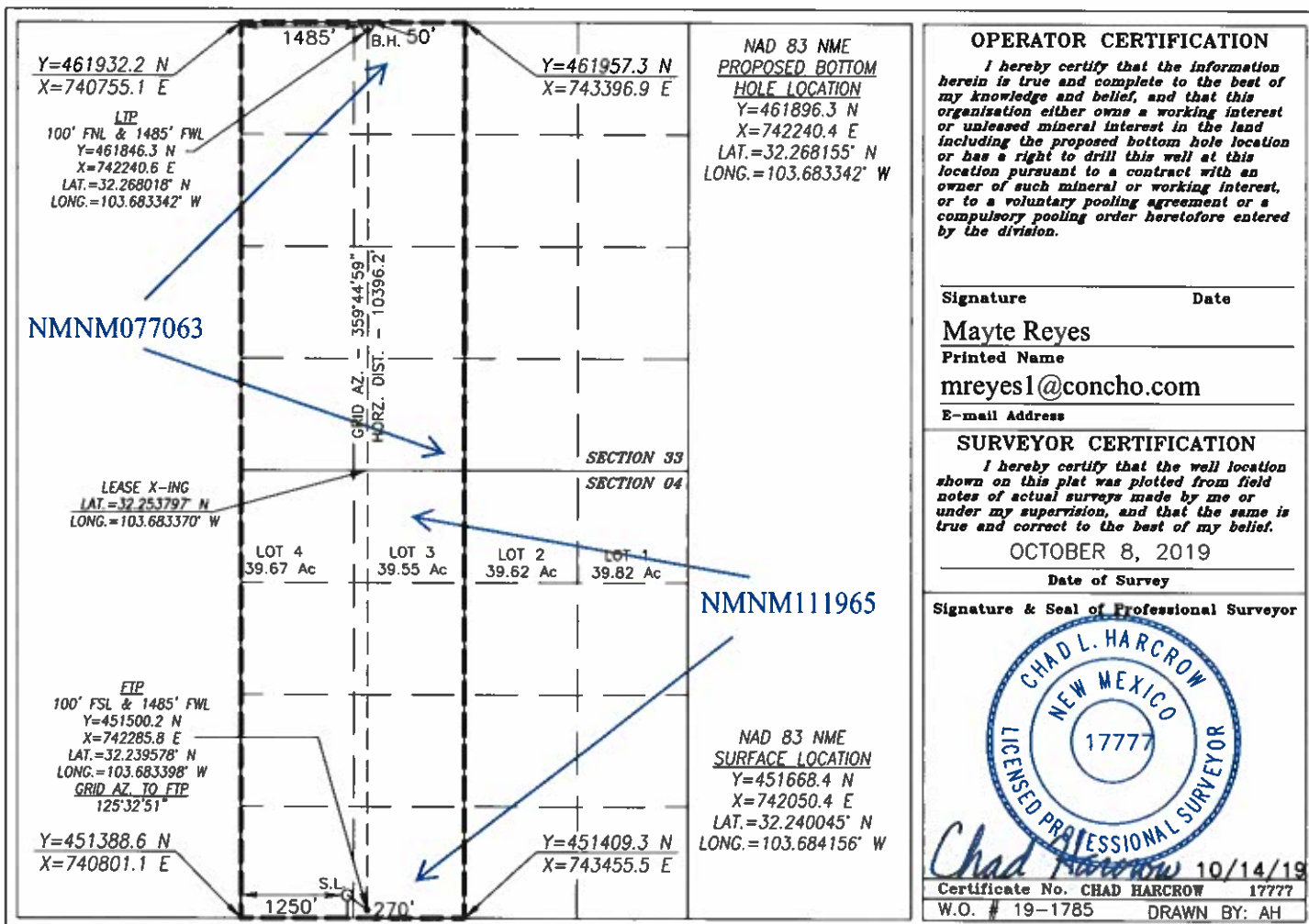
Surface Location

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		270	SOUTH	1250	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
C	33	23-S	32-E		50	NORTH	1485	WEST	LEA
Dedicated Acres 639	Joint or Infill	Consolidation Code	Order No.						

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DISTRICT II
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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
Property Code	Property Name MASTIFF		Well Number 505H
OGRID No.	Operator Name COG OPERATING, LLC		Elevation

Surface Location

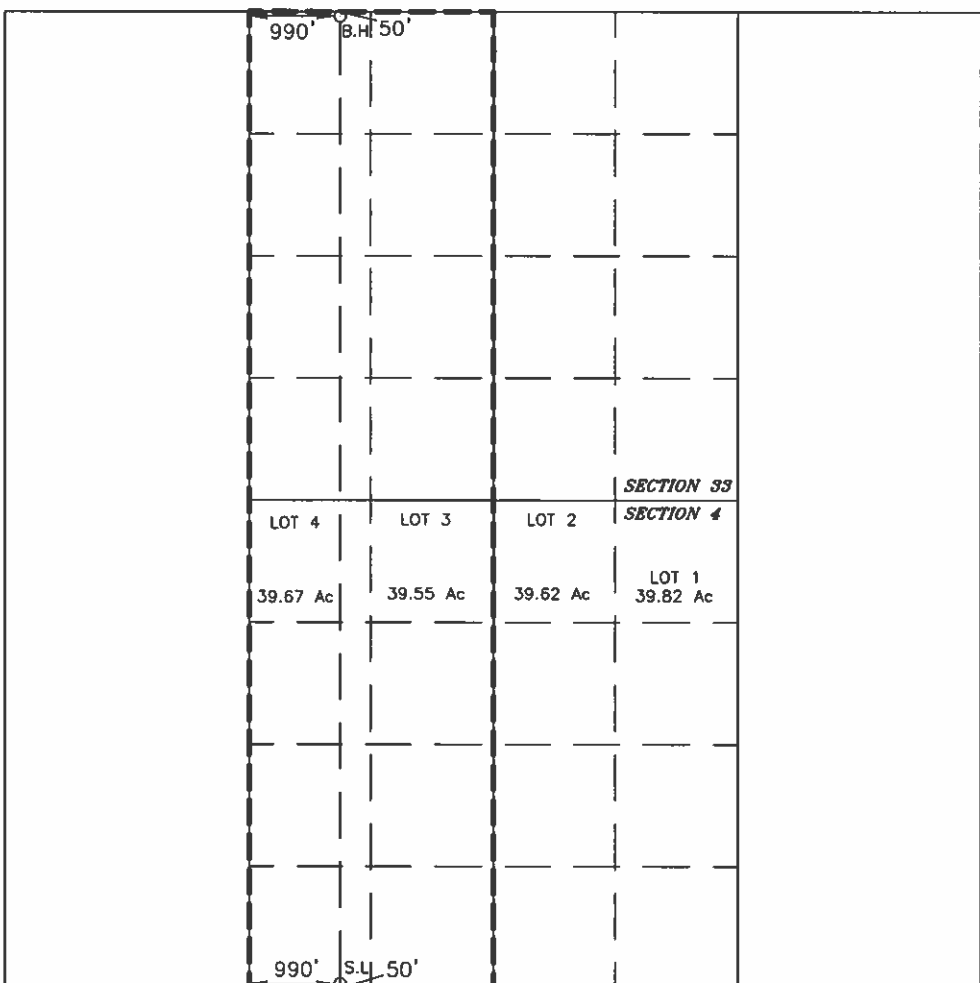
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	4	24-S	32-E		50	SOUTH	990	WEST	LEA

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	990	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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

DISTRICT I
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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MASTIFF	Well Number 506H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation

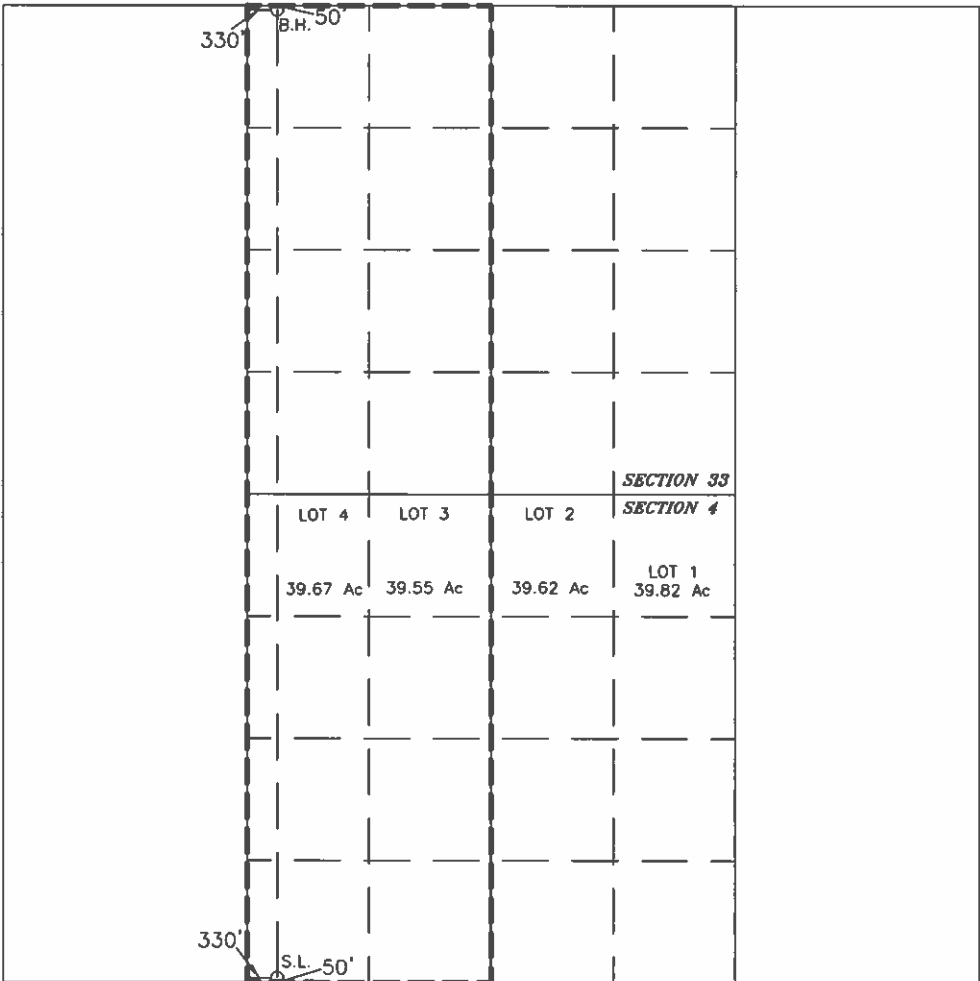
Surface Location

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	330	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	330	WEST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
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	<p>OPERATOR CERTIFICATION</p> <p><i>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.</i></p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>SURVEYOR CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor _____</p> <p>Certificate No. CHAD HARCROW 17777 W.O. #20-295 DRAWN BY: WN</p>
---	---

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3480 Fax: (505) 476-3482

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
Property Code	Property Name MASTIFF		Well Number 507H
OGRID No.	Operator Name COG OPERATING, LLC		Elevation

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	4	24-S	32-E		50	SOUTH	1355	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
C	33	23-S	32-E		50	NORTH	1355	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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<div style="display: flex; justify-content: space-between; border-bottom: 1px solid black; margin-bottom: 5px;"> 1355' B.H. 50' </div> <div style="display: flex; justify-content: space-between; border-top: 1px solid black; margin-top: 350px;"> 1355' S.L. 50' </div>		<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> SECTION 33 </div> <div style="border: 1px solid black; padding: 5px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; text-align: center; padding: 5px;">LOT 4</td> <td style="width: 25%; text-align: center; padding: 5px;">LOT 3</td> <td style="width: 25%; text-align: center; padding: 5px;">LOT 2</td> <td style="width: 25%; text-align: center; padding: 5px;">SECTION 4</td> </tr> <tr> <td style="text-align: center; padding: 5px;">39.67 Ac</td> <td style="text-align: center; padding: 5px;">39.55 Ac</td> <td style="text-align: center; padding: 5px;">39.62 Ac</td> <td style="text-align: center; padding: 5px;"> LOT 1 39.82 Ac </td> </tr> </table> </div>	LOT 4	LOT 3	LOT 2	SECTION 4	39.67 Ac	39.55 Ac	39.62 Ac	LOT 1 39.82 Ac
LOT 4	LOT 3	LOT 2	SECTION 4							
39.67 Ac	39.55 Ac	39.62 Ac	LOT 1 39.82 Ac							

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 _____

E-mail Address _____

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey _____

Signature & Seal of Professional Surveyor _____

Certificate No. CHAD HARCROW
17777

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

APPLICATION OF COG OPERATING LLC
CASE NO. 20925

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-8181 Fax: (575) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

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

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 478-3460 Fax: (505) 478-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name	Well Number
	MASTIFF FEDERAL COM	701H
OGRID No.	Operator Name	Elevation
	COG OPERATING, LLC	3675.0'

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		270	NORTH	360	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
P	9	24-S	32-E		50	SOUTH	330	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
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<p>LOT 4 39.67 Ac</p> <p>LOT 3 39.55 Ac</p> <p>LOT 2 39.82 Ac</p> <p>LOT 1 39.82 Ac</p>				<p>270' S.L. 360'</p> <p>Y=456887.5 N X=744750.1 E</p> <p>Y=456700.2 N X=746071.4 E</p> <p>FIP 100' FNL & 330' FEL Y=456597.0 N X=745742.1 E LAT.=32.253530° N LONG.=103.672119° W GRID AZ. TO FIP 09°37'34"</p>				<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p>			
<p>NAD 83 NME SURFACE LOCATION Y=456426.7 N X=745713.2 E LAT.=32.253063° N LONG.=103.672216° W</p>				<p>LEASE X-ING LAT.=32.239307° N LONG.=103.672112° W</p>				<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>OCTOBER 3, 2019</p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor</p>			
<p>SECTION 4</p> <p>SECTION 9</p>				<p>GRID AZ. - 179°37'23" HORZ. DIST. - 10402.6'</p> <p>LEASE X-ING LAT.=32.232054° N LONG.=103.672108° W</p>				<p>CHAD L. HARCROW NEW MEXICO 17777 LICENSED PROFESSIONAL SURVEYOR</p>			
<p>NAD 83 NME PROPOSED BOTTOM HOLE LOCATION Y=446194.6 N X=745810.5 E LAT.=32.224936° N LONG.=103.672105° W</p>				<p>LTP 100' FSL & 330' FEL Y=446244.6 N X=745810.2 E LAT.=32.225073° N LONG.=103.672105° W</p>				<p>10/12/19</p>			
<p>Y=446137.0 N X=744815.4 E</p>				<p>Y=446147.2 N X=746140.8 E</p>				<p>Certificate No. CHAD HARCROW 17777 W.O. # 19-1764 DRAWN BY: AH</p>			

DISTRICT I
1625 N. FRENCH DR., HOBBES, NM 88240
Phone: (505) 393-6101 Fax: (505) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 740-1283 Fax: (505) 740-9720

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

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MASTIFF FEDERAL COM	Well Number 702H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 3678.0'


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		270	NORTH	960	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
P	9	24-S	32-E		50	SOUTH	990	EAST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

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<p>Y=456674.8 N X=743428.7 E LOT 4 39.67 Ac LOT 3 39.55 Ac NAD 83 NME SURFACE LOCATION Y=456421.0 N X=745113.2 E LAT.=32.253057° N LONG.=103.674156° W</p> <p>SECTION 4 SECTION 9</p> <p>NAD 83 NME PROPOSED BOTTOM HOLE LOCATION Y=446189.6 N X=745150.5 E LAT.=32.224933° N LONG.=103.674239° W</p> <p>Y=446126.8 N X=743490.0 E</p>	<p>270' 960' S.L.</p> <p>LOT 2 39.62 Ac LOT 1 39.82 Ac</p> <p>100' FNL & 990' FEL Y=456590.7 N X=745082.1 E LAT.=32.253524° N LONG.=103.674254° W GRID AZ. TO FTP 349°37'04"</p> <p>LEASE X-ING LAT.=32.239308° N LONG.=103.674246° W</p> <p>GRID AZ. - 179°37'23" HORZ. DIST. - 10401.3'</p> <p>LEASE X-ING LAT.=32.232052° N LONG.=103.674243° W</p> <p>LTP 100' FSL & 990' FEL Y=446239.6 N X=745150.2 E LAT.=32.225070° N LONG.=103.674239° W</p> <p>Y=446147.2 N X=746140.8 E</p> <p>8.H. 50' 990'</p>	<p>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.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>OCTOBER 3, 2019 Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor</p> <p> Chad L. HARCROW 10/11/19 Certificate No. CHAD HARCROW 17777 W.O. # 19-1769 DRAWN BY: WN</p>
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DISTRICT I
1825 N. FRENCH DR., HOBBS, NM 88240
Phone: (505) 393-6181 Fax: (505) 393-0720

DISTRICT II
511 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-0720

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

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
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Santa Fe, New Mexico 87505

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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MASTIFF FEDERAL COM	Well Number 703H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 3683.6'

Surface Location

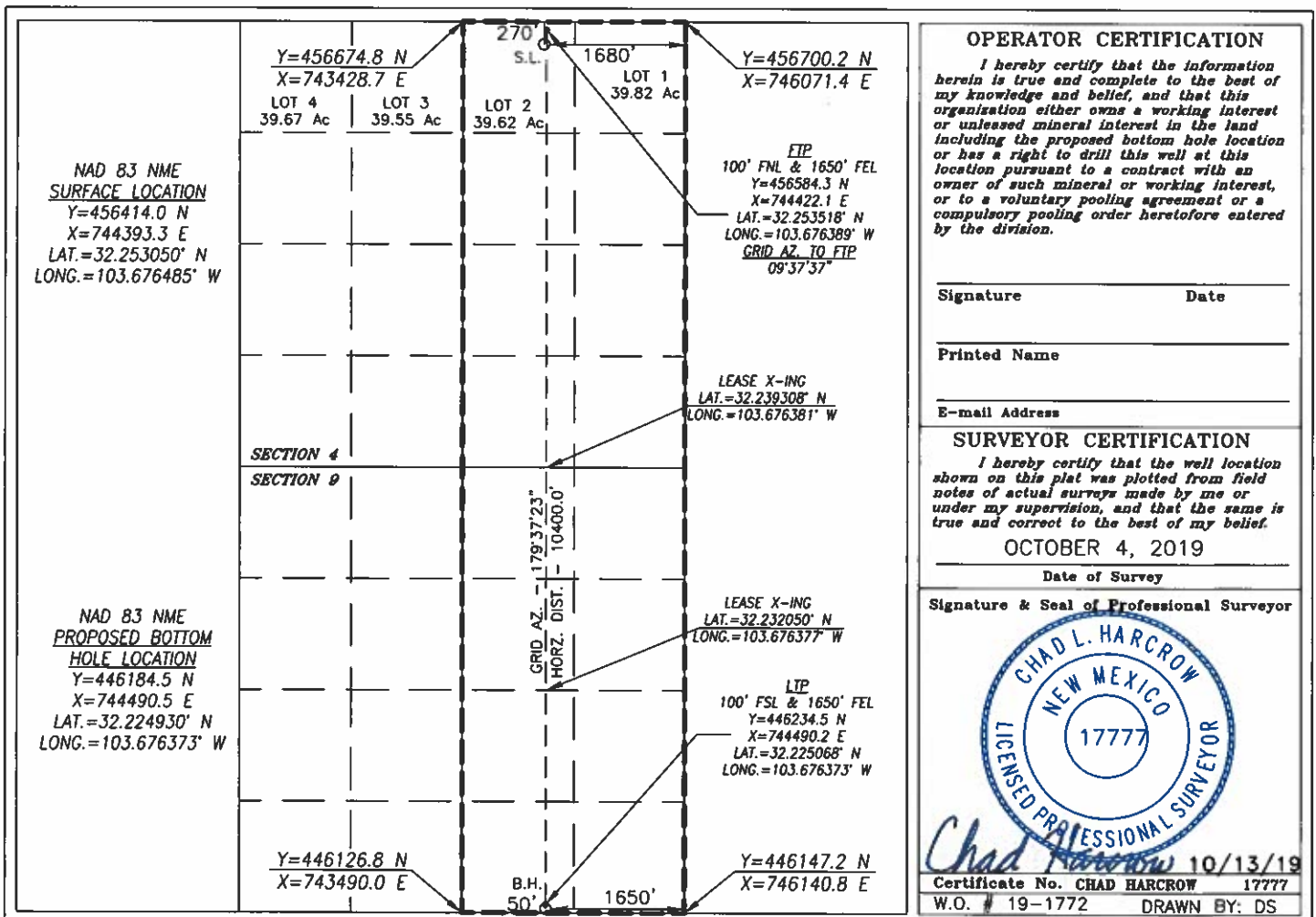
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	4	24-S	32-E		270	NORTH	1680	EAST	LEA

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	1650	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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Phone: (575) 393-8181 Fax: (575) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

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

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 478-3460 Fax: (505) 478-3462

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Santa Fe, New Mexico 87505

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MASTIFF FEDERAL COM	Well Number 704H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 3676.6'

Surface Location

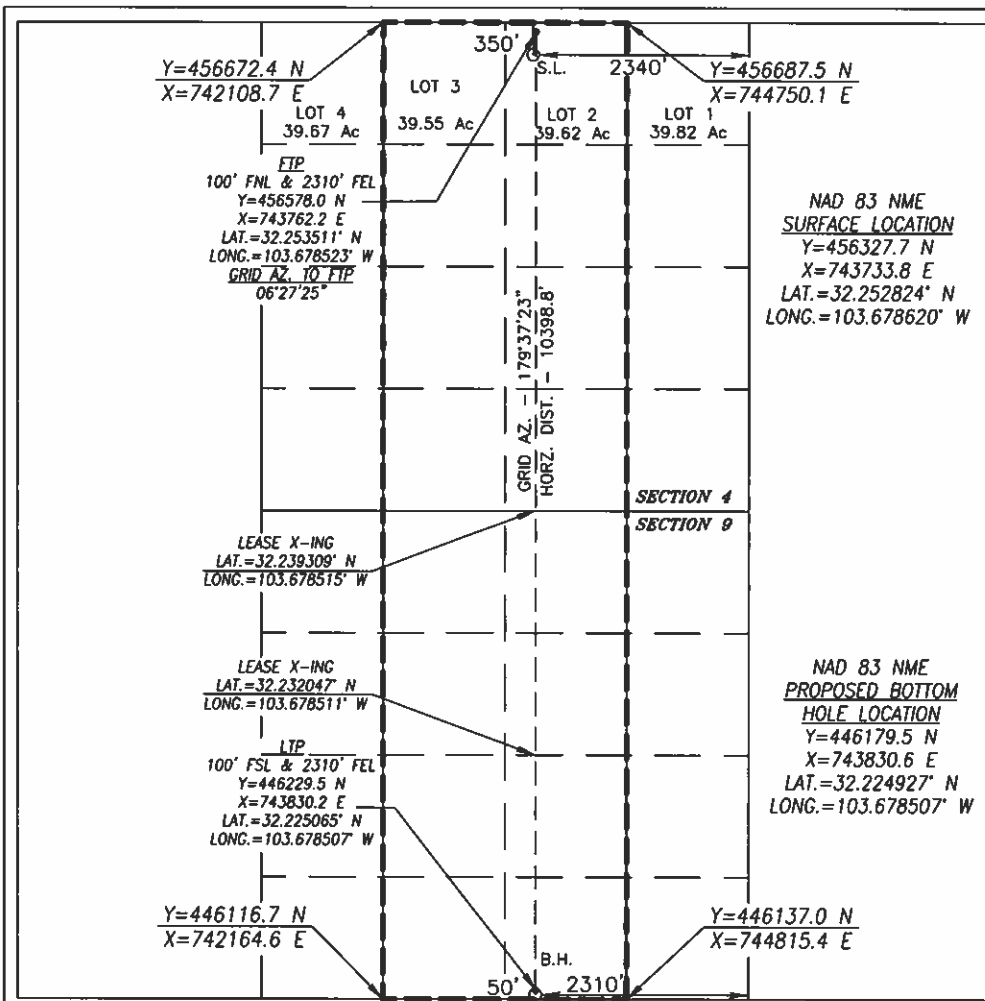
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	4	24-S	32-E		350	NORTH	2340	EAST	LEA

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 Acres	Joint or Infill	Consolidation Code	Order No.

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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 _____

E-mail Address _____

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

OCTOBER 4, 2019

Date of Survey

Signature & Seal of Professional Surveyor



Chad L. Harcrow 10/13/19
Certificate No. CHAD HARCROW 17777
W.O. # 19-1776 DRAWN BY: DS

DISTRICT I
1825 N. FRENCH DR., HOBBBS, NM 88240
Phone: (505) 393-8181 Fax: (505) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-8720

DISTRICT III
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DISTRICT IV
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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MASTIFF FEDERAL COM	Well Number 705H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 3637.9'


Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	4	24-S	32-E		270	SOUTH	2310	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
C	33	23-S	32-E		50	NORTH	2310	WEST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

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<p>Y=461932.2 N X=740755.1 E</p> <p>LTP 100' FNL & 2310' FWL Y=461854.2 N X=743065.6 E LAT.=32.268026° N LONG.=103.680673° W</p> <p>LEASE X-ING LAT.=32.253787° N LONG.=103.680702° W</p> <p>FTP 100' FSL & 2310' FWL Y=451506.6 N X=743110.8 E LAT.=32.239582° N LONG.=103.680730° W GRID AZ. TO FTP 179°51'52"</p> <p>Y=451388.6 N X=740801.1 E</p>	<p>2310'</p> <p>50'</p> <p>GRID AZ. = 359°44'59" HORZ. DIST. = 10397.6'</p> <p>SECTION 33</p> <p>SECTION 4</p> <p>LOT 4 39.67 Ac</p> <p>LOT 3 39.55 Ac</p> <p>LOT 2 39.62 Ac</p> <p>LOT 1 39.82 Ac</p> <p>2310'</p> <p>270'</p>	<p>NAD 83 NME <u>PROPOSED BOTTOM HOLE LOCATION</u> Y=461904.2 N X=743065.4 E LAT.=32.268163° N LONG.=103.680673° W</p> <p>NAD 83 NME <u>SURFACE LOCATION</u> Y=451676.6 N X=743110.4 E LAT.=32.240050° N LONG.=103.680728° W</p>	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>OCTOBER 8, 2019</p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor</p> <p></p> <p>Chad Harcrow 10/15/19</p> <p>Certificate No. CHAD HARCROW 17777</p> <p>W.O. # 19-1781 DRAWN BY: AH</p>
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APPLICATION OF COG OPERATING LLC
CASE NO. 20926

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6181 Fax: (575) 393-0720

DISTRICT II
511 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-0720

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

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 478-3460 Fax: (505) 478-3462

State of New Mexico
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OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name	Well Number
	MASTIFF FEDERAL COM	706H
OGRID No.	Operator Name	Elevation
	COG OPERATING, LLC	3637.0'

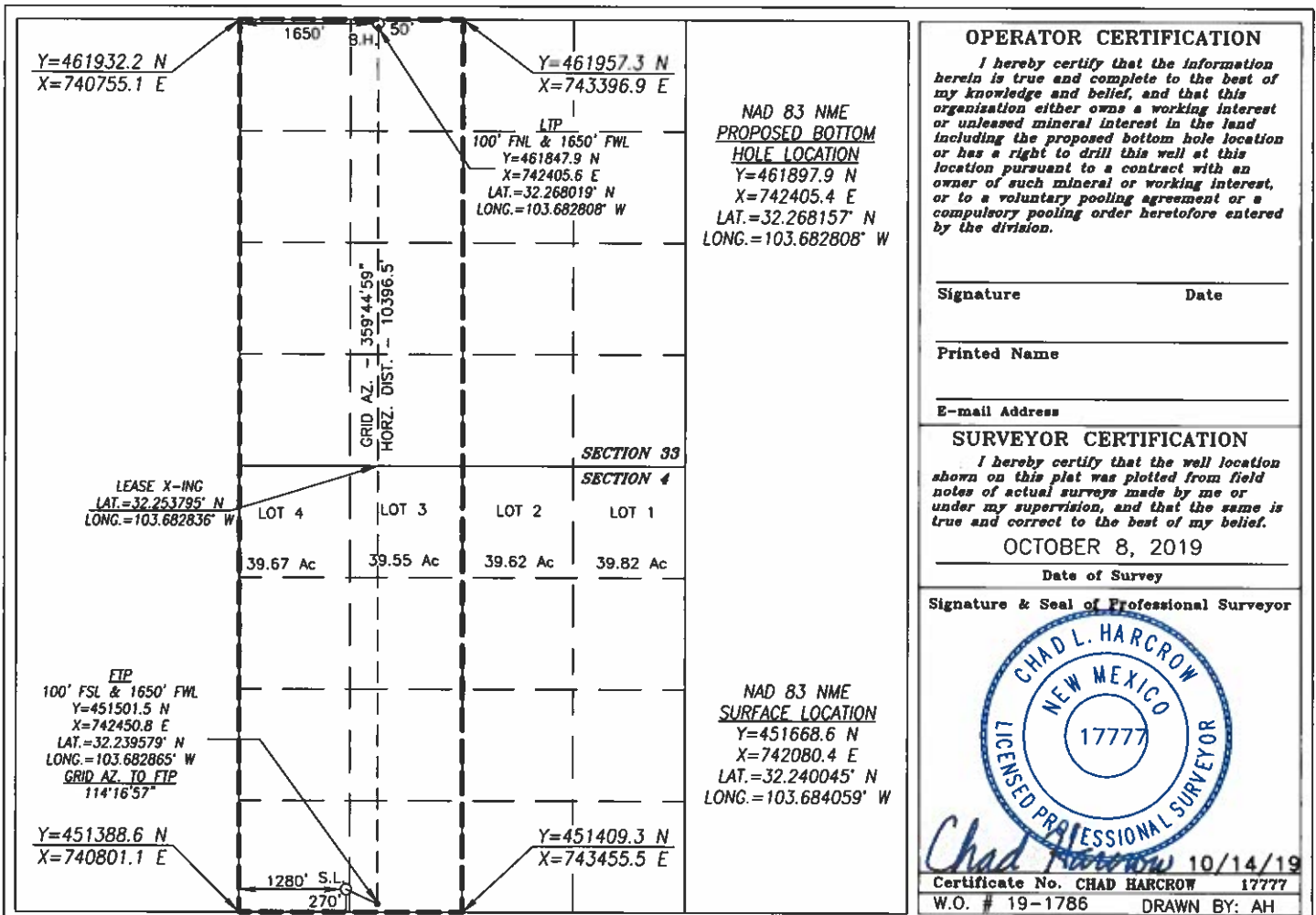
Surface Location

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		270	SOUTH	1280	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
C	33	23-S	32-E		50	NORTH	1650	WEST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

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DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (505) 353-6181 Fax: (505) 353-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-0720

DISTRICT III
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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MASTIFF FEDERAL COM	Well Number 707H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 3638.2'

Surface Location

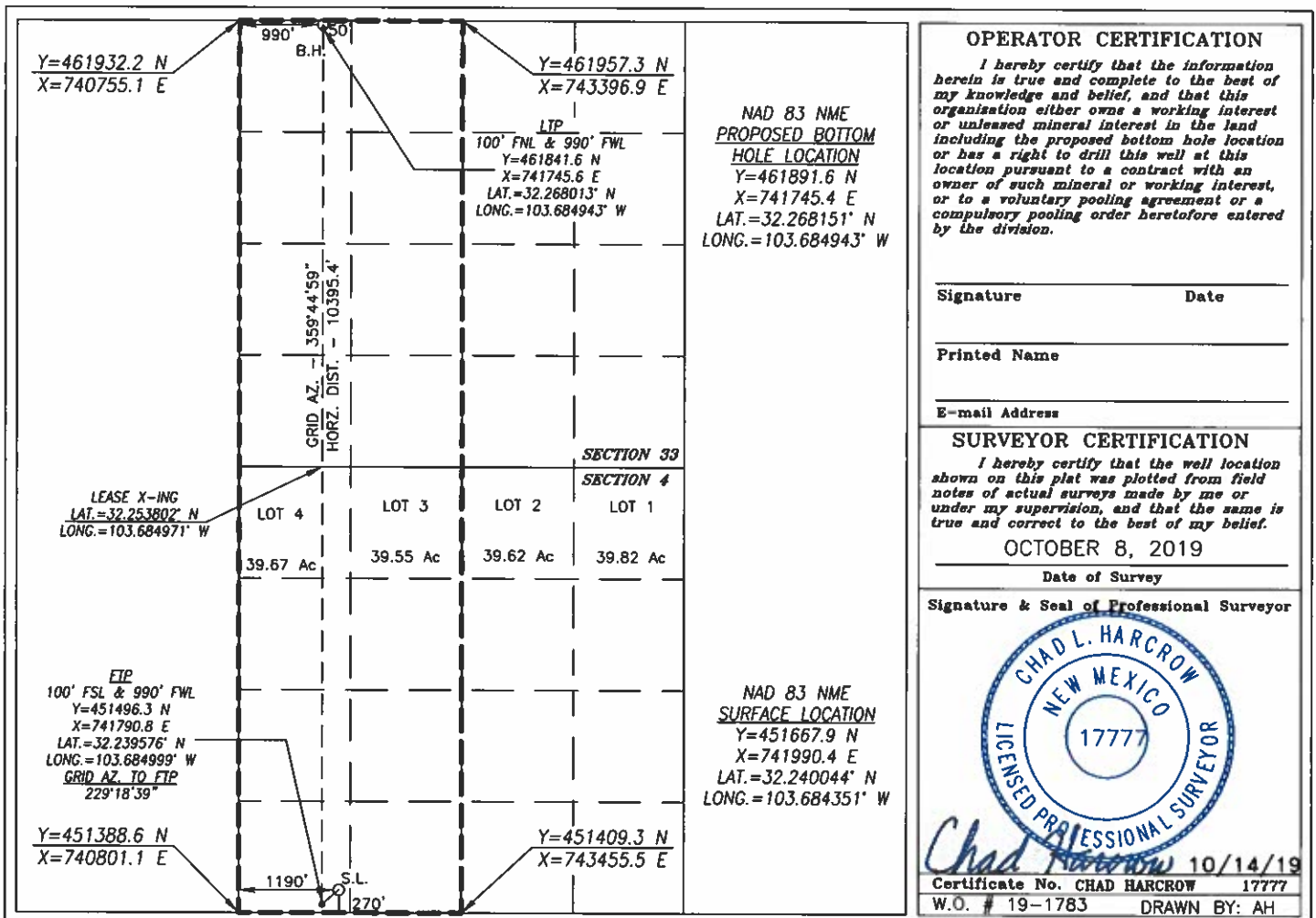
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	4	24-S	32-E		270	SOUTH	1190	WEST	LEA

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	990	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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DISTRICT I
1825 N. FRENCH DR., HOBBS, NM 88240
Phone: (505) 393-8161 Fax: (505) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-0720

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

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3480 Fax: (505) 476-3482

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MASTIFF FEDERAL COM	Well Number 708H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 3640.2'


Surface 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		270	SOUTH	300	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	330	WEST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

<p>Y=461932.2 N X=740755.1 E</p> <p>50' B.H.</p> <p>330'</p> <p>LIP 100' FNL & 330' FWL Y=461835.3 N X=741085.7 E LAT.=32.268007° N LONG.=103.687079° W</p> <p>LEASE X-ING LAT.=32.253810° N LONG.=103.687106° W</p> <p>GRID AZ. - 359°44'59" HORZ. DIST. - 10394.3'</p> <p>SECTION 33</p> <p>LOT 4 39.67 Ac</p> <p>LOT 3 39.55 Ac</p> <p>LOT 2 39.62 Ac</p> <p>LOT 1 39.82 Ac</p> <p>SECTION 4</p> <p>FIP 100' FSL & 330' FWL Y=451491.2 N X=741130.8 E LAT.=32.239573° N LONG.=103.687134° W GRID AZ. TO FIP 169°50'30"</p> <p>Y=451388.6 N X=740801.1 E</p> <p>300'</p> <p>S.L.</p> <p>270'</p> <p>Y=461957.3 N X=743396.9 E</p> <p>NAD 83 NME <u>PROPOSED BOTTOM HOLE LOCATION</u> Y=461885.3 N X=741085.4 E LAT.=32.268144° N LONG.=103.687078° W</p> <p>Y=451409.3 N X=743455.5 E</p> <p>NAD 83 NME <u>SURFACE LOCATION</u> Y=451661.0 N X=741100.4 E LAT.=32.240040° N LONG.=103.687229° W</p>	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>OCTOBER 7, 2019</p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor</p> <p></p> <p>Chad Harcrow 10/15/19</p> <p>Certificate No. CHAD HARCROW 17777</p> <p>W.O. # 19-1787 DRAWN BY: DS</p>
---	--

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Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
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Santa Fe, New Mexico 87505

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
Property Code	Property Name MASTIFF		Well Number 709H
OGRID No.	Operator Name COG OPERATING, LLC		Elevation

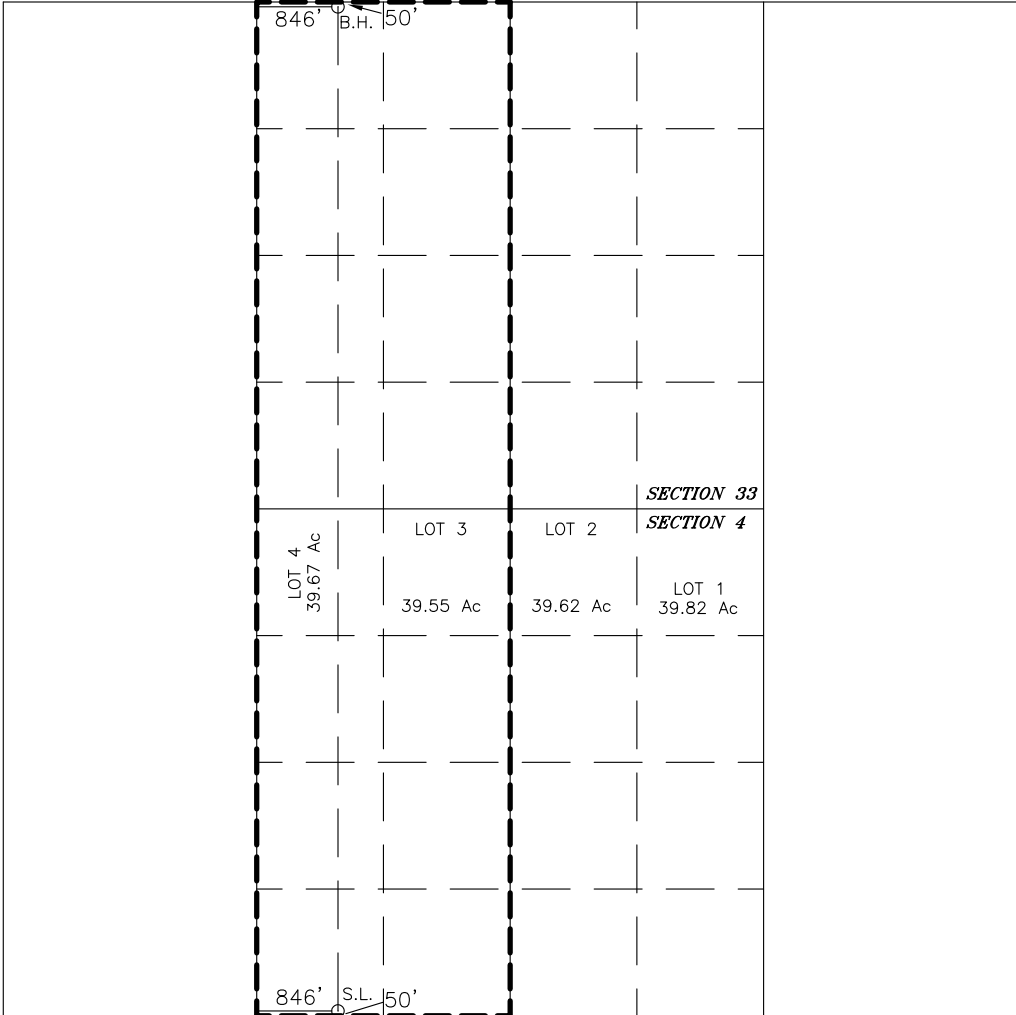
Surface Location

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	846	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	846	WEST	LEA
Dedicated Acres		Joint or Infill	Consolidation Code	Order No.					

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>OPERATOR CERTIFICATION</p> <p><i>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.</i></p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p>
	<p>SURVEYOR CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor _____</p> <p>Certificate No. CHAD HARCROW 17777 W.O. #20-??? DRAWN BY: WN</p>

COG Operating, LLC—Mastiff Federal Com Wells

Township 23 South- Range 32 East, N.M.P.M.

Section 33: W/2

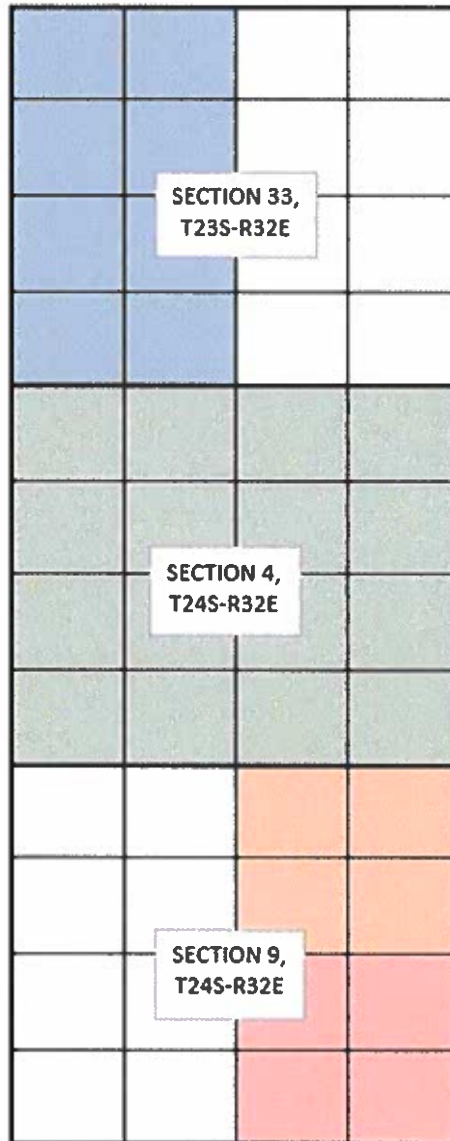
Township 24 South- Range 32 East, N.M.P.M.

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	

Mastiff Federal Com Wells – Bone Spring Pool

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Case Nos. 20923, 20924, 20925 & 20926

Exhibit No. 2

Submitted by: **COG OPERATING LLC**

Hearing Date: February 20, 2020

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

(WI) EOG Resources Inc.	70.000000%
(WI) Oxy Y-1 Company	30.000000%
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%

Participating Parties

Tract 3 (Lease #3): Section 9: NE/4 (160.00 Acres more or less), T24S-R32E

(WI) COG Operating LLC	100.000000%
Total	100.000000%

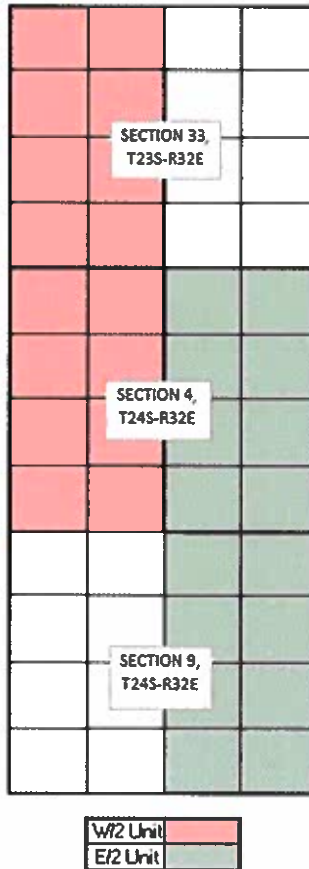
Participating Parties

Tract 4 (Lease #4) : Section 9: SE/4 (160.00 Acres more or less), T24S-R32E

(WI) EOG Resources Inc.	75.000000%
(WI) First Roswell LTD.	20.833333%
(WI) Thomas E. Jennings	4.166667%
Total:	100.000000%

Participating Parties

Parties We Seek to Pool



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

(WI) COG Operating LLC	50.000000%
(WI) EOG Resources Inc.	35.000000%
(WI) Oxy Y-1 Company	15.000000%
Total:	100.000000%

Participating Parties

Parties We Seek to Pool

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

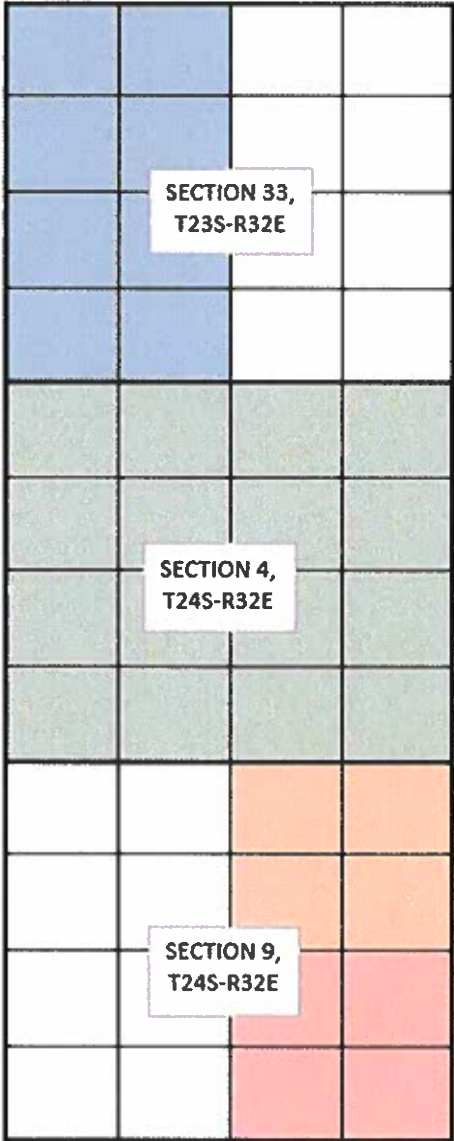
(WI) COG Operating LLC	75.000000%
(WI) EOG Resources Inc.	18.750000%
(WI) First Roswell Ltd.	5.208333%
(WI) Thomas E. Jennings	1.041667%
Total:	100.000000%

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	
TRACT 3	
TRACT 4	

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

(WI) EOG Resources Inc.	70.000000%
(WI) Oxy Y-1 Company	30.000000%
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%

Participating Parties

Tract 3 (Lease #3): Section 9: NE/4 (160.00 Acres more or less), T24S-R32E

(WI) COG Operating LLC	100.000000%
Total	100.000000%

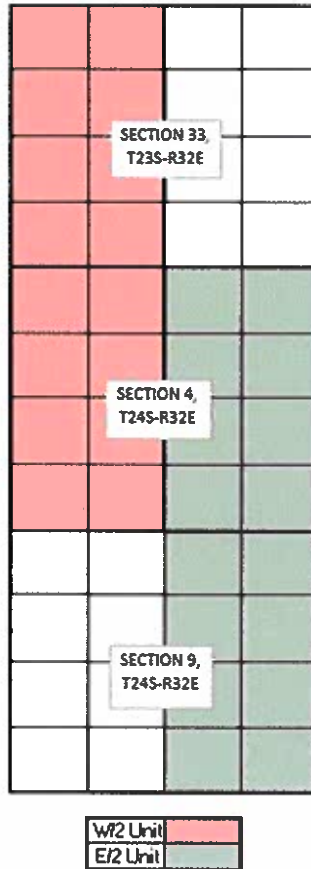
Participating Parties

Tract 4 (Lease #4) : Section 9: SE/4 (160.00 Acres more or less), T24S-R32E

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(WI) First Roswell LTD.	20.833333%
(WI) Thomas E. Jennings	4.166667%
Total:	100.000000%

Participating Parties

Parties We Seek to Pool



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

(WI) COG Operating LLC	50.000000%
(WI) EOG Resources Inc.	35.000000%
(WI) Oxy Y-1 Company	15.000000%
Total:	100.000000%

Participating Parties

Parties We Seek to Pool

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

(WI) COG Operating LLC	75.000000%
(WI) EOG Resources Inc.	18.750000%
(WI) First Roswell Ltd.	5.208333%
(WI) Thomas E. Jennings	1.041667%
Total:	100.000000%

Participating Parties

Parties We Seek to Pool

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Form C-102
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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
Property Code	Property Name MASTIFF		Well Number 710H
OGRID No.	Operator Name COG OPERATING, LLC		Elevation

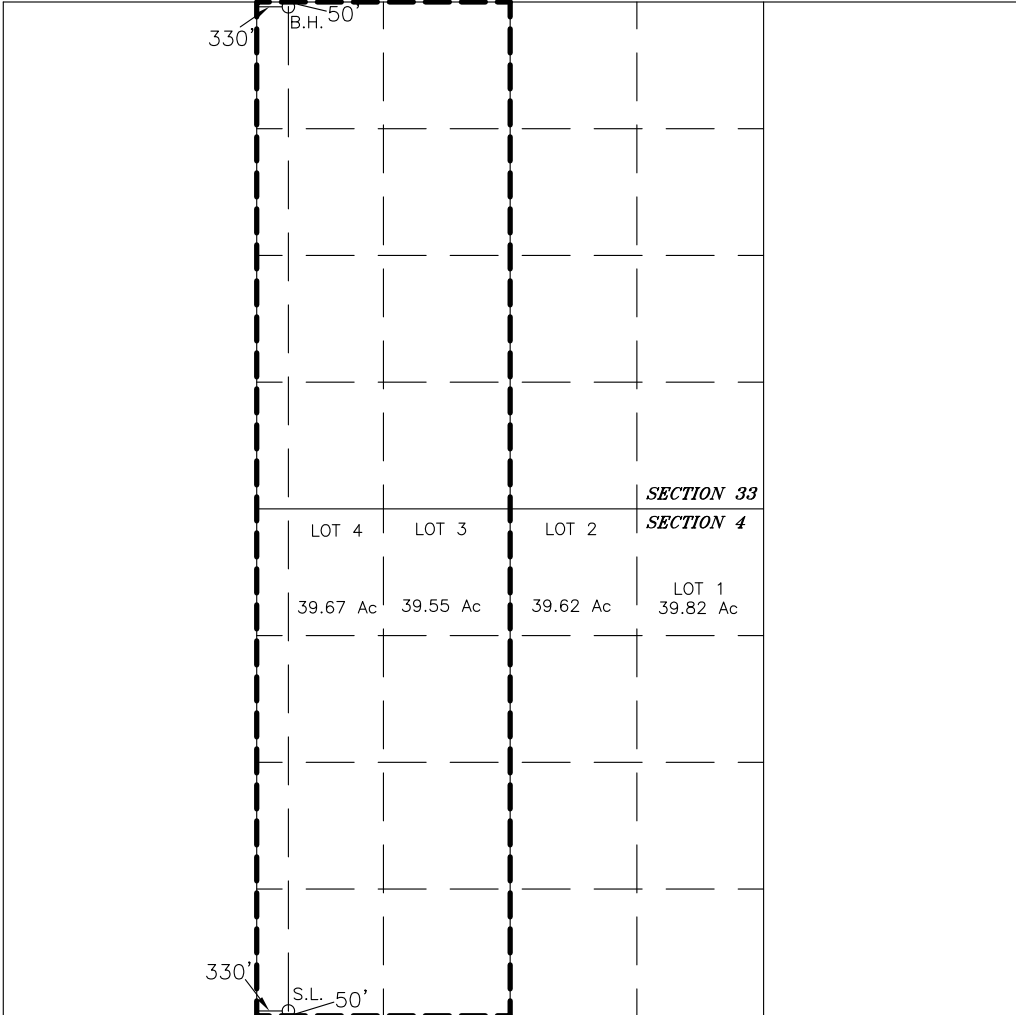
Surface Location

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	330	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	330	WEST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>OPERATOR CERTIFICATION</p> <p><i>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.</i></p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>SURVEYOR CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor _____</p> <p>Certificate No. CHAD HARCROW 17777 W.O. #20-??? DRAWN BY: WN</p>
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October 18, 2018

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

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

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.

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Case Nos. 20923, 20924, 20925 & 20926
Exhibit No. 3
Submitted by: COG OPERATING LLC
Hearing Date: February 20, 2020



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

Respectfully,

A handwritten signature in blue ink, appearing to read "A. Reker".

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.

By: _____

Name: _____

Title: _____

Date: _____



**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME: MASTIFF FED COM #701H
FTP: Sec 4: 100 FNL & 330 FEL
LTP: Sec 9: 100 FSL & 330 FEL
FORMATION: Wolfcamp
LEGAL: Sec 4-249-32E

PROSPECT NAME: Bulldog 2432 (717113)
STATE & COUNTY: New Mexico, Lea
OBJECTIVE: Drill and Complete
DEPTH: 22,660
TVD: 12,300

INTANGIBLE COSTS		Drill - Rig Release(D)	Completion(C)	Tank Bttv. Construct(TB)	Propp. Equipment(PEO)	TOTAL
Title/Careless/Permit	201	20,000				20,000
Insurance	202	2,500	302			2,500
Damages/Right of Way	203	20,000	303	351		20,000
Survey/State Location	204	7,000		352		7,000
Location/Pits/Road Expense	205	135,000	305	10,000	363	190,000
Drilling / Completion Overhead	206	11,100	306	16,000	368	28,100
Turnkey Contract	207	0				0
Footage Contract	208	0				0
Daywork Contract	209	923,000				923,000
Directional Drilling Service	210	442,000				442,000
Frac Equipment			307	1,418,000		1,418,000
Frac Chemicals			308	473,000		473,000
Frac Proppant			309	814,000		814,000
Frac Proppant Transportation			310	399,000		399,000
Fuel & Power	211	211,000	311	68,000	354	279,000
Water	212	80,000	312	968,000	368	1,028,000
Bits	213	111,000	313	4,500	369	115,500
Mud & Chemicals	214	275,000	314	28,000	370	300,000
Drill Stem Test	215	0	318			0
Coring & Analysis	216	0				0
Cement Surface	217	28,000				28,000
Cement Intermediate	218	75,000				75,000
Cement 2nd Intermediate/Production	219	115,000				115,000
Cement Squeezes & Other (Gickoff Plug)	220	0			371	0
Fleet Equipment & Contractors	221	65,000				65,000
Casing Crews & Equipment	222	70,000				70,000
Rigging Tools & Service	223	0	323		372	0
Geology/Engineering	224	11,400	324	356	373	11,400
Contract Labor	225	8,500	325	20,000	374	156,835
Company Supervision	226	86,800	326	15,000	375	81,800
Contract Supervision	227	157,000	327	255,000	376	417,000
Testing Casing/Tubing	228	30,000	328	5,000	377	35,000
Mud Logging Unit	229	52,000	329			52,000
Logging	230	0			378	0
Perforating/Wireline Services	231	4,000	331	538,000	379	542,000
Stimulation/Tracing			332	397,000	380	397,000
Completion Unit			333	138,000	381	148,800
Swabbing Unit			334		382	0
Rentals-Surface	235	190,000	335	403,000	369	600,000
Rentals-Subsurface	236	150,000	336	30,000	384	180,000
Trucking/Finish/Rig Mobilization	237	200,000	337	20,000	385	220,000
Wellbore Services	238	3,000	338	5,000	386	8,000
Water Disposal	239	0	339	80,000	382	135,000
Plug to Abandon	240	0	340			0
Seismic Analysis	241	0	341			0
Miscellaneous	242	0	342		389	0
Contingency	243	89,000	343	250,000	383	300
Closed Loop & Environmental	244	330,000	344	5,000	384	335,000
Dyed Diesel	245		345	484,000		
Coil Tubing			346	750,000		750,000
Powback Crews & Equip			347	48,000		48,000
Offset Directional/Frac	248		348		381	0
TOTAL INTANGIBLES		3,840,100	7,615,500	302,935	30,300	11,788,835
TANGIBLE COSTS						
Surface Casing	401	52,000				52,000
Intermediate Casing	402	555,000				555,000
Production Casing/Liner	403	518,000				518,000
Tubing			504	52,000	530	57,000
Wellhead Equipment	405	75,000	505	22,000	531	100,000
Pumping Unit				0	506	98,000
Prime Mover				0	507	0
Rods				0	508	35,000
Pumps-Sub Surface (BH)			509		532	5,000
Tanks				510	93,845.00	63,845
Flowlines				511	26,593.00	26,593
Header Treater/Separator				512	140,007.00	140,007
Electrical System				513	130,000.00	145,000
Packars/Anchors/Pingers	414		514	86,000	534	68,000
Couplings/Flanges/Valves	415			515	102,282	102,282
Dehydration				517		0
Injection Plant/CO2 Equipment				518		0
Pumps-Surface				521	5,000	5,000
Instrumentation/SCADA/POC				522	10,483	17,482
Miscellaneous	419		519	5,241	525	5,241
Contingency	420		520		534	0
Materials/LACT				526	23,156	23,156
Pipes/Compressors/Emission				528	23,584	23,584
Gas Lift/Compression			527	15,000	528	75,000
TOTAL TANGIBLES		1,196,000	155,030	591,990	171,000	2,116,020
TOTAL WELL COSTS		5,036,100	7,771,000	894,925	201,300	13,904,855

COG Operating LLC % of Total Well Cost

Date Prepared: 10/19/18

We approve: % Working Interest

COG Operating LLC ACR

By: MS

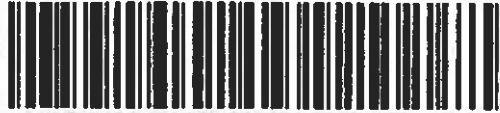
Company: By:

Printed Name: Title: Date:

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

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

USPS CERTIFIED MAIL



9414 8149 0246 9822 0058 31

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

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



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

May 6, 2019

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.



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

Respectfully,

A handwritten signature in black ink, appearing to read "Adam C. Reker".

Adam C. Reker
Landman

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

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

Company: OXY Y-1 Company

By: _____

Name: _____

Title: _____

Date: _____

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME: MASTIFF FED COM #204H FTP: Sec 4: 100 FSL & 1720 FWL LTP: Sec 33: 100 FNL & 1720 FWL FORMATION: Avalon Shale LEGAL: Sec 4-24S-32E	PROSPECT NAME: Bulldog 2432 (717113) STATE & COUNTY: New Mexico, Lea OBJECTIVE: Drill and Complete DEPTH: 20,010 TVD: 9,450
---	--

		Drig - Rig Release(D)	Completion(C)	Tank Btty Constrc'n(TB)	Pmoa Equipment(PEQ)	TOTAL
INTANGIBLE COSTS						
Tele/Cursive/Permit	201	20,000				20,000
Insurance	202	2,500	302			2,500
Damages/Right of Way	203	20,000	303	351		20,000
Survey/Stake Location	204	7,000		352		7,000
Location/Pits/Road Expense	205	135,000	305	10,000	353	150,000
Drilling / Completion Overhead	206	7,500	306	15,000		22,500
Turnkey Contract	207	0				0
Footage Contract	208	0				0
Daywork Contract	209	495,000				495,000
Directional Drilling Services	210	186,000				186,000
Frac Equipment			307	1,418,000		1,418,000
Frac Chemicals			308	513,000		513,000
Frac Proppant			309	404,000		404,000
Frac Proppant Transportation			310	399,000		399,000
Fuel & Power						
Water	211	98,000	311	68,000	354	166,000
B4s	212	60,000	312	1,019,000	356	1,079,000
Mud & Chemicals	213	92,000	313	12,000	359	104,000
Drill Stem Test	214	70,000	314	20,000	370	90,000
Coring & Analysis	215	0	315			0
Cement Surface	216	0				0
Cement Intermediate	217	25,500				25,500
Cement 2nd Intermediate/Production	218	35,000				35,000
Cement Squeeze & Other (Kickoff Plug)	219	130,000				130,000
Float Equipment & Centralizers	220	0			371	0
Casing Cements & Equipment	221	32,500				32,500
Fishing Tools & Service	222	39,000				39,000
Geologic/Engineering	223	0	323		372	0
Contract Labor	224	8,000	324	355	373	6,000
Company Supervision	225	8,500	325	40,000	356	175,935
Contract Supervision	226	32,400	326	15,000	357	47,400
Testing Casing/Tubing	227	85,000	327	162,000	358	272,000
Mud Logging Unit	228	30,000	328	5,000	377	35,000
Logging	229	28,000	329			28,000
Perforating/Wireline Services	230	0			378	0
Simulation/Treating	231	4,000	331	538,000	379	542,000
Completion Unit			332	12,000	380	12,000
Swabbing Unit			333	90,000	381	98,800
Rentals-Surface	235	125,000	335	455,000	382	580,000
Rentals-Subsurface	236	110,000	336	80,000	383	190,000
Trucking/Port/Rig Mobilization	237	200,000	337	42,000	384	242,000
Welding Services	238	3,000	338	5,000	385	8,000
Water Disposal	239	0	339	62,000	386	195,000
Plug to Abandon	240	0	340		387	0
Seismic Analysis	241	0	341			0
Miscellaneous	242	0	342		389	0
Contingency	243	42,000	343	250,000	390	292,000
Closed Loop & Environmental	244	220,000	344	5,000	394	225,000
Dyed Diesel	245		345	484,000		
Coil Tubing			346			0
Flowback Cams & Equip			347	48,000		48,000
Offset Directional/Frac	248		348		391	0
TOTAL INTANGIBLES		2,346,900	6,198,000	302,935	30,300	8,878,135
TANGIBLE COSTS						
Surface Casing	401	48,000				48,000
Intermediate Casing	402	174,000				174,000
Production Casing/Liner	403	327,000				327,000
Tubing			504	52,030	530	57,030
Wellhead Equipment	405	62,000	505	18,700	531	81,700
Pumping Unit					506	96,000
Prime Mover					507	0
Rods					508	35,000
Pumps-Sub Surface (BH)			509		532	5,000
Tanks				510	83,645.00	83,645
Flowlines				511	28,593.00	28,593
Heater Treater/Separator				512	140,007.00	140,007
Electrical System				513	130,000.00	130,000
Packers/Anchors/Hangers	414		514	85,000	533	15,000
Couplings/Fittings/Valves	415			515	102,282	102,282
Dehydration				517		0
Injection Plant/CO2 Equipment				518		0
Pumps-Surface				521	5,000	5,000
Instrumentation/SCADA/POC				522	10,482	17,482
Miscellaneous	419		519	5,241	535	8,241
Contingency	420		520		536	0
Meters/LACT				525	25,156	25,156
Flares/Combustors/Emission				526	23,584	23,584
Gas Lift/Compression			527	11,000	528	71,000
TOTAL TANGIBLES		609,000	146,730	591,990	171,000	1,518,720
TOTAL WELL COSTS		2,955,900	6,344,730	894,925	201,300	10,398,655

	% of Total Well Cost	28%	61%	9%	2%
--	----------------------	-----	-----	----	----

Date Prepared: 10/18/18

COG Operating LLC

We approve: _____
% Working Interest

By: _____ MB

Company: OXY Y-1 COMPANY

By: _____

Printed Name: _____

Title: _____

Date: _____

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

USPS CERTIFIED MAIL

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



9414 8149 0246 9822 0417 85

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

Shipper Ref: DIMIT-MASTIFF FED COM E2 WFMP & BS
Reference 1: 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 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,

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,

A handwritten signature in black ink, appearing to read "Adam C. Reker".

Adam C. Reker
Landman

____ I/We hereby elect to participate in the Mastiff Federal Com #201H.

____ I/We hereby elect not to participate in the Mastiff Federal Com #201H.

Company: **Thomas E. Jennings** _____

By: _____

Name: _____

Title: _____

Date: _____

USPS CERTIFIED MAIL

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



9414 8149 0246 9822 0417 78

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

Shipper Ref: DIMIT-MASTIFF FED COM E2 WFMP & BS
Reference 1: 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,

A handwritten signature in black ink, appearing to read "AR" or "Adam Reker".

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

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

Adam Reker

From: Cole, Matthew W <Matthew_Cole@oxy.com>
Sent: Monday, February 10, 2020 10:23 AM
To: Adam Reker
Subject: [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 <Matthew_Cole@oxy.com>
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



William F. Carr
Senior Counsel

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,

A handwritten signature in black ink, appearing to read "William F. Carr".

William F. Carr
Senior Counsel for COG Operating LLC

7018 2290 0000 3423 0810

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Thomas E. Jennings
 111 South Kentucky Avenue
 Roswell, New Mexico 88203

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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 111 S. Kentucky Avenue
 Roswell, New Mexico 88203-4518

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 111 South Kentucky Avenue
 Roswell, New Mexico 88203

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7018 2290 0000 3423 0810

PS Form 3811, July 2015 PSN 7530-02-000-9053

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A. Signature ☒ Agent ☐ Addressee
 B. Received by (Printed Name) THOMAS E. JENNINGS C. Date of Delivery 25 NOV 2015
 D. Is delivery address different from item 1? ☐ Yes
 If YES, enter delivery address below: ☐ No

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1. Article Addressed to:
 First Roswell Ltd.
 111 S. Kentucky Avenue
 Roswell, New Mexico 88203-4518

9590 9402 4583 8278 4405 60

7018 2290 0000 3423 0827

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature ☒ Agent ☐ Addressee
 B. Received by (Printed Name) THOMAS E. JENNINGS C. Date of Delivery 25 NOV 2015
 D. Is delivery address different from item 1? ☐ Yes
 If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature ☐ Priority Mail Express[®]
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☐ Certified Mail[®] ☐ Registered Mail Restricted Delivery
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise
☐ Collect on Delivery ☐ Signature ConfirmationTM
☐ Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery

II Restricted Delivery

Domestic Return Receipt

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☐ Return Receipt (electronic) \$2
☐ Certified Mail Restricted Delivery \$2
☐ Adult Signature Required \$1
☐ Adult Signature Restricted Delivery \$1

Postage
 Postmark Here

EOG Resources, Inc.
 5509 Champions Drive
 Midland, Texas 79706
 Attn: Land Department

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

EOG Resources, Inc.
 5509 Champions Drive
 Midland, Texas 79706
 Attn: Land Department

9590 9402 4583 8278 4405 84



7018 2290 0000 3423 0803

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

[Signature]

☐ Agent
☐ Addressee

B. Received by (Printed Name) *Simone* C. Date of Delivery *11-27-19*

D. Is delivery address different from item 1? ☐ Yes
 If YES, enter delivery address below: ☐ No

3. Service Type

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☐ Collect on Delivery
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☐ Signature Confirmation Restricted Delivery
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☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature ConfirmationTM
☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt



William F. Carr
Senior Counsel

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.

Sincerely,

A handwritten signature in black ink that reads "William F. Carr".

William F. Carr
Senior Counsel for COG Operating LLC

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☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

Thomas E. Jennings
 111 South Kentucky Avenue
 Roswell, New Mexico 88203

PS Form 3800, April 2015 PSN 7530-02-000-9067 See Reverse for Instructions

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☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

First Roswell Ltd.
 111 S. Kentucky Avenue
 Roswell, New Mexico 88203-4518

PS Form 3800, April 2015 PSN 7530-02-000-9067 See Reverse for Instructions

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Thomas E. Jennings
 111 South Kentucky Avenue
 Roswell, New Mexico 88203



2. Article Number (Transfer from service label)
 7018 2290 0000 3423 0841

PS Form 3811, July 2015 PSN 7530-02-000-9063

COMPLETE THIS SECTION ON DELIVERY

A. Signature ☐ Agent

B. Received by (Printed Name) ☐ Addressee
 THOMAS E. JENNINGS 25 NOV 2013

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
 If YES, enter delivery address below: ☐ No

3. Service Type

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☐ Adult Signature Restricted Delivery ☐ Registered Mail™

☐ Certified Mail® ☐ Registered Mail Restricted Delivery

☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise

☐ Collect on Delivery ☐ Signature Confirmation™

☐ Restricted Delivery ☐ Restricted Delivery

Domestic Return Receipt

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■ Attach this card to the back of the mailpiece, or on the front if space permits.

First Roswell Ltd.
 111 S. Kentucky Avenue
 Roswell, New Mexico 88203-4518



2. Article Number (Transfer from service label)
 7018 2290 0000 3423 0858

PS Form 3811, July 2015 PSN 7530-02-000-9063

COMPLETE THIS SECTION ON DELIVERY

A. Signature ☐ Agent

B. Received by (Printed Name) ☐ Addressee
 THOMAS E. JENNINGS 25 NOV 2013

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
 If YES, enter delivery address below: ☐ No

3. Service Type

☐ Adult Signature ☐ Priority Mail Express®

☐ Adult Signature Restricted Delivery ☐ Registered Mail™

☐ Certified Mail® ☐ Registered Mail Restricted Delivery

☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise

☐ Collect on Delivery ☐ Signature Confirmation™

☐ Restricted Delivery ☐ Restricted Delivery

Domestic Return Receipt

7018 2290 0000 3423 0834

U.S. Postal ServiceTM
CERTIFIED MAIL[®] RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com.

OFFICIAL USE

Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage

EOG Resources, Inc.
5509 Champions Drive
Midland, Texas 79706
Attn: Land Department

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for instructions

SENDER: COMPLETE THIS SECTION

- ☐ Complete items 1, 2, and 3.
- ☐ Print your name and address on the reverse so that we can return the card to you.
- ☐ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

EOG Resources, Inc.
5509 Champions Drive
Midland, Texas 79706
Attn: Land Department

9590 9402 4583 8278 4406 14

2. Article Number (Transfer from service label)

7018 2290 0000 3423 0834

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

- A. Signature ☒ Agent ☐ Addressee
B. Received by (Printed Name) Jim Conell C. Date of Delivery 11-27-19
D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

3. Service Type

- | | |
|--|---|
| <input type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express [®] |
| <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail [™] |
| <input type="checkbox"/> Certified Mail [®] | <input type="checkbox"/> Registered Mail Restricted Delivery |
| <input type="checkbox"/> Certified Mail Restricted Delivery | <input type="checkbox"/> Return Receipt for Merchandise |
| <input type="checkbox"/> Collect on Delivery | <input type="checkbox"/> Signature Confirmation [™] |
| <input type="checkbox"/> Collect on Delivery Restricted Delivery | <input type="checkbox"/> Signature Confirmation Restricted Delivery |

Domestic Return Receipt



William F. Carr
Senior Counsel

November 22, 2019

VIA CERTIFIED MAIL
CERTIFIED RECEIPT REQUESTED

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.

Sincerely,

A handwritten signature in black ink, appearing to read "William F. Carr".

William F. Carr
Senior Counsel for COG Operating LLC

U.S. Postal ServiceTM
CERTIFIED MAIL[®] RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com.

OFFICIAL USE

Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postage \$

Thomas E. Jennings
 111 South Kentucky Avenue
 Roswell, New Mexico 88203

PS Form 3800, April 2015 PSN 7530-02-000-9053 for instructions

U.S. Postal ServiceTM
CERTIFIED MAIL[®] RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com.

OFFICIAL USE

Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postage \$

First Roswell Ltd.
 111 S. Kentucky Avenue
 Roswell, New Mexico 88203-4518

PS Form 3800, April 2015 PSN 7530-02-000-9053 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION
 UNDELIVERED MAIL: RETURN TO THE POST OFFICE
 PLACE STICKER AT TOP OF ENVELOPE, FOLD DOTTED LINE TO THE RIGHT

ON DELIVERY

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

Thomas E. Jennings
 111 South Kentucky Avenue
 Roswell, New Mexico 88203



9590 9402 4563 8278 4400 41

7018 2290 0000 3423 0780

PS Form 3811, July 2015 PSN 7530-02-000-9053

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

First Roswell Ltd.
 111 S. Kentucky Avenue
 Roswell, New Mexico 88203-4518



9590 9402 4368 8190 0159 93

7018 2290 0000 3423 0797

PS Form 3811, July 2015 PSN 7530-02-000-9053

A. Signature
 [Signature]
B. Received by (Printed Name)
 THOMAS E. JENNINGS
C. Date of Delivery
 25 NOV 2015
D. Is delivery address different from item 1? ☐ Yes ☒ No
 If YES, enter delivery address below:

3. Service Type

<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express [®]
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail TM
<input type="checkbox"/> Certified Mail [®]	<input type="checkbox"/> Registered Mail Restricted Delivery
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation TM
<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 [Signature]
B. Received by (Printed Name)
 THOMAS E. JENNINGS
C. Date of Delivery
 25 NOV 2015
D. Is delivery address different from item 1? ☐ Yes ☒ No
 If YES, enter delivery address below:

3. Service Type

<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express [®]
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail TM
<input type="checkbox"/> Certified Mail [®]	<input type="checkbox"/> Registered Mail Restricted Delivery
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation TM
<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery

Domestic Return Receipt

U.S. Postal ServiceTM
CERTIFIED MAIL[®] RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

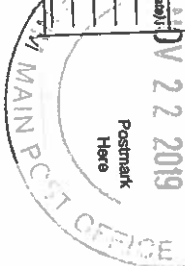
☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$



EOG Resources, Inc.
 5509 Champions Drive
 Midland, Texas 79706
 Attn: Land Department

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- ☐ Complete items 1, 2, and 3.
- ☐ Print your name and address on the reverse so that we can return the card to you.
- ☐ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

EOG Resources, Inc.
 5509 Champions Drive
 Midland, Texas 79706
 Attn: Land Department



9590 9402 4583 8278 4400 34

7018 2290 0000 3423 0773

PS Form 3811, July 2015 PSN 7530-02-000-9053

RECEIVED BY ADDRESSEE
 COMPLETE THIS SECTION ON DELIVERY

A. Signature *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name) *Sim Connel* C. Date of Delivery *11-27-19*

D. Is delivery address different from item 1? ☐ Yes ☐ No
 If YES, enter delivery address below:

3. Service Type

☐ Adult Signature ☐ Priority Mail Express[®]

☐ Adult Signature Restricted Delivery ☐ Registered Mail[™]

☐ Certified Mail[®] ☐ Registered Mail Restricted Delivery

☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise

☐ Collect on Delivery ☐ Signature Confirmation[™]

☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation[™] Restricted Delivery

☐ Restricted Delivery

Domestic Return Receipt



William F. Carr
Senior Counsel

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,

A handwritten signature in black ink that reads "William F. Carr".

William F. Carr
Senior Counsel for COG Operating LLC

CORPORATE ADDRESS

ONE CONCHO CENTER | 600 WEST ILLINOIS AVENUE | MIDLAND, TEXAS 79701
P 432.683.7443 | F 432.683.7441

SANTA FE OFFICE

1048 PASEO DE PERALTA | SANTA FE, NEW MEXICO 87501
P 505.780.8000 | F 505.428.0485

7018 2290 0000 3423 0759

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at: www.usps.com

OFFICIAL USE

Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postmark Here

NOV 22 2019

Thomas E. Jennings
 111 South Kentucky Avenue
 Roswell, New Mexico 88203

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7018 2290 0000 3423 0766

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at: www.usps.com

OFFICIAL USE

Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postmark Here

NOV 22 2019

First Roswell Ltd.
 111 S. Kentucky Avenue
 Roswell, New Mexico 88203-4518

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMP

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

1. Complete items 1, 2, and 3.

Print your name and address on the reverse so that we can return the card to you.

Attach this card to the back of the mailpiece, or on the front if space permits.

Thomas E. Jennings
 111 South Kentucky Avenue
 Roswell, New Mexico 88203

9590 9402 4368 8190 0159 62

7018 2290 0000 3423 0759

PS Form 3811, July 2015 PSN 7530-02-000-9053

2. Service Type

☐ Adult Signature

☐ Adult Signature Restricted Delivery

☐ Certified Mail®

☐ Certified Mail Restricted Delivery

☐ Collect on Delivery

☐ Collect on Delivery Restricted Delivery

☐ Restricted Delivery

3. Service Type

☐ Priority Mail Express®

☐ Registered Mail™

☐ Registered Mail Restricted Delivery

☐ Return Receipt for Merchandise

☐ Signature Confirmation™

☐ Signature Confirmation Restricted Delivery

4. Is delivery address different from item 1? ☐ Yes
 If YES, enter delivery address below: ☐ No

5. Date of Delivery

NOV 20

6. Agent

7. Addressee

8. Signature

9. Date of Delivery

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607. Addressee

608. Signature

609. Date of Delivery

610. Agent

611. Addressee

612. Signature

613. Date of Delivery

614. Agent

615. Addressee

616. Signature

617. Date of Delivery

618. Agent

619. Addressee

620. Signature

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698. Agent

699. Add

7018 2290 0000 3423 0742

U.S. Postal ServiceTM
CERTIFIED MAIL[®] RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com.

OFFICIAL USE

Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postmark
Here

NOV 2 2019

Postmark

EOG Resources, Inc.

5509 Champions Drive

Midland, Texas 79706

Attn: Land Department

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

OF THE RETURN ENVELOPE TO THE RIGHT
OF THE ADDRESS, FOLD AT DOTTED LINE
DO NOT WRITE OR STAMP HERE

LIVERY

A. Signature

☐ Agent

☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below: ☐ No

■ Complete items 1, 2, and 3.

■ Print your name and address on the reverse so that we can return the card to you.

■ Attach this card to the back of the mailpiece, or on the front if space permits.

EOG Resources, Inc.

5509 Champions Drive

Midland, Texas 79706

Attn: Land Department

9590 9402 4368 8190 0159 86

2. Article Number (Transfer from service label)

7018 2290 0000 3423 0742

☐ All Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt

3. Service Type


☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail[®]
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Priority Mail Express[®]
☐ Registered Mail[™]
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation[™]
☐ Signature Confirmation Restricted Delivery

Affidavit of Publication

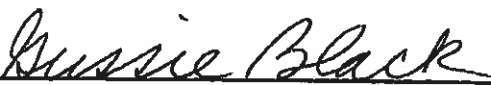
STATE OF NEW MEXICO
COUNTY OF LEA

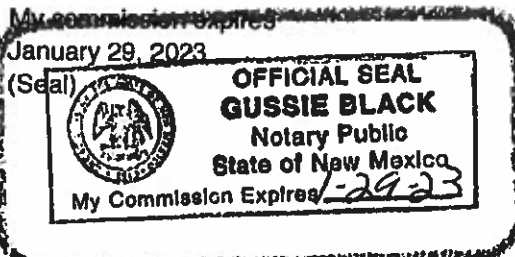
I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

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


Publisher

Sworn and subscribed to before me this
4th 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

LEGAL

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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, Wendell Chino Building, 1220 South St. Francis, Santa Fe, New Mexico, before an examiner duly appointed 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, 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 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 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 20925: 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 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 following proposed wells:

- The Mastiff Fed Com #701H and the Mastiff Fed Com #702H 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 #703H, Mastiff Fed Com #704H, and the Mastiff Fed Com #705H wells to be drilled from surface hole locations in NW/4NE/4 (Lot 2) of Section 4 to bottom hole locations in the SW/4SE/4 (Unit O) of Section 9.

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 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, #34939

67115004

00236788

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: **COG OPERATING LLC**

Hearing Date: February 20, 2020

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.

Daniel Russell

Publisher

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

Gussie Black

Business Manager

My commission expires

January 29, 2023

(Seal)

OFFICIAL SEAL
GUSSIE BLACK
Notary Public
State of New Mexico

My Commission Expires 1/29/23

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

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LEGAL NOTICE
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, 1st Floor, Wendell Chino Building, 1220 South St. Francis, Santa Fe, New Mexico, before an examiner duly appointed 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, 1-800-859-1779 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 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 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 20926: 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 Wolfcamp formation underlying a standard 640-acre, more or less, horizontal spacing unit comprised of Lots 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, Lea County, New Mexico. Applicant seeks to dedicate the above-referenced horizontal spacing unit to the following proposed wells:

- The Mastiff Fed Com #708H, the Mastiff Fed Com #707H, and the Mastiff Fed Com #709H wells to be drilled from surface hole locations in SE/4SW/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 be 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 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.
#34934

67115004

00236741

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.


Publisher

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


Business Manager

My commission expires

January 29, 2023

(Seal)



OFFICIAL SEAL
GUSSIE BLACK
Notary Public
State of New Mexico

My Commission Expires 1-29-23

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

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LEGAL NOTICE
DECEMBER 4, 2019

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

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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 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 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 Mastiff Fed Com #301H, the Mastiff Fed Com #302H, Mastiff Fed Com #301H, 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 Mastiff 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 bottom 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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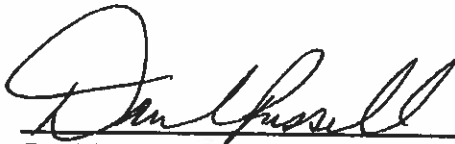
COG Operating LLC - SANTA FE
1048 PASEO DE PERALTA
SANTA FE, NM 87501

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.


Publisher

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


Business Manager

My commission expires

January 20, 2023

(Seal)



OFFICIAL SEAL
GUSSIE BLACK
Notary Public
State of New Mexico

My Commission Expires 2023

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legal notices or advertisements within the
meaning of Section 3, Chapter 167, Laws of
1937 and payment of fees for said

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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, Wendell Chino Building, 1220 South St. Francis, Santa Fe, New Mexico, before an examiner duly appointed 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: Florane Davidson at 505-476-3458 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 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.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 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 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 seeks to dedicate the above-referenced horizontal spacing unit to the following proposed wells:

- The Mastiff Fed Com #204H, the Mastiff Fed Com #308H, 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 #310H, the Mastiff Fed Com #505H, the Mastiff Fed Com #506H, the Mastiff Fed Com #507H wells to be drilled from surface hole locations in SW/4SW/4 (Unit M) of Section 4 to bottom hole locations in the NW/4NW/4 (Unit D) of Section 33.

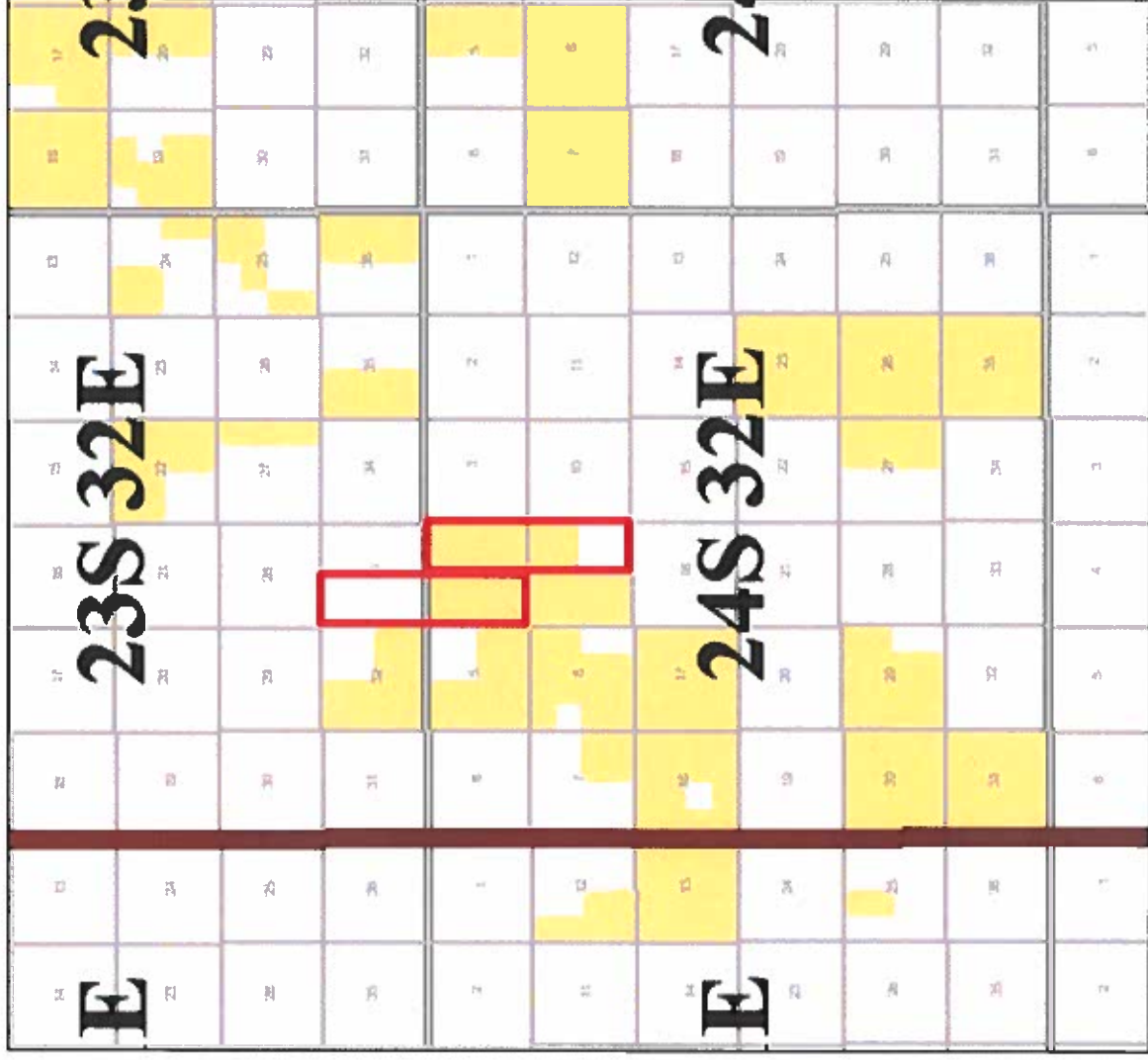
The completed intervals for the proposed Mastiff Fed Com #308H well will be within 330' of the quarter-quarter line separating the W/2W/2 and the E/2W/2 of Sections 4 and 33 to allow inclusion of this acreage into a standard 840-acre horizontal well spacing unit. Also, to be considered will be the cost 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. #34937

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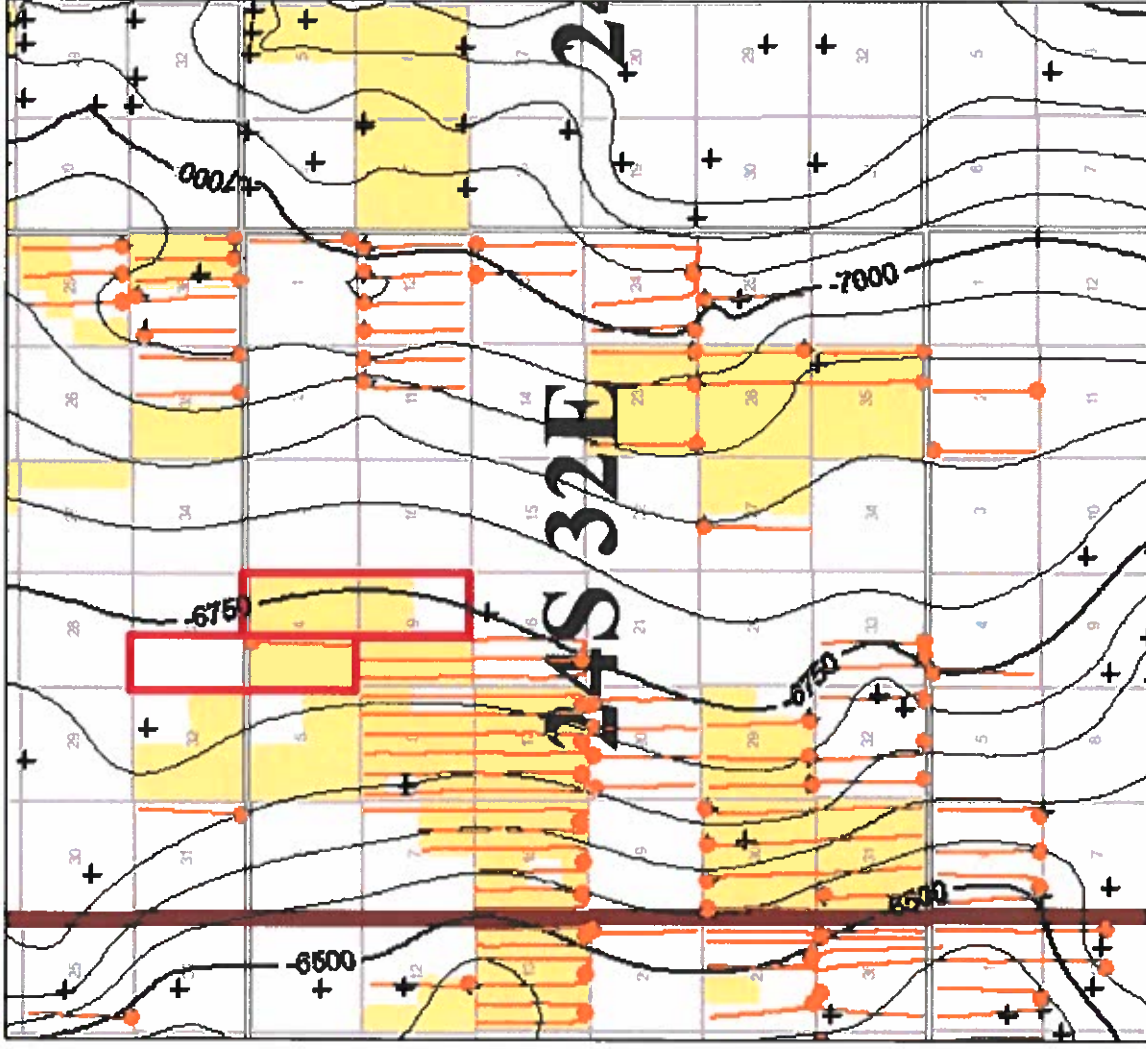
COG Operating LLC - SANTA FE
1048 PASEO DE PERALTA
SANTA FE, NM 87501

Location Map-Mastiff Project Area



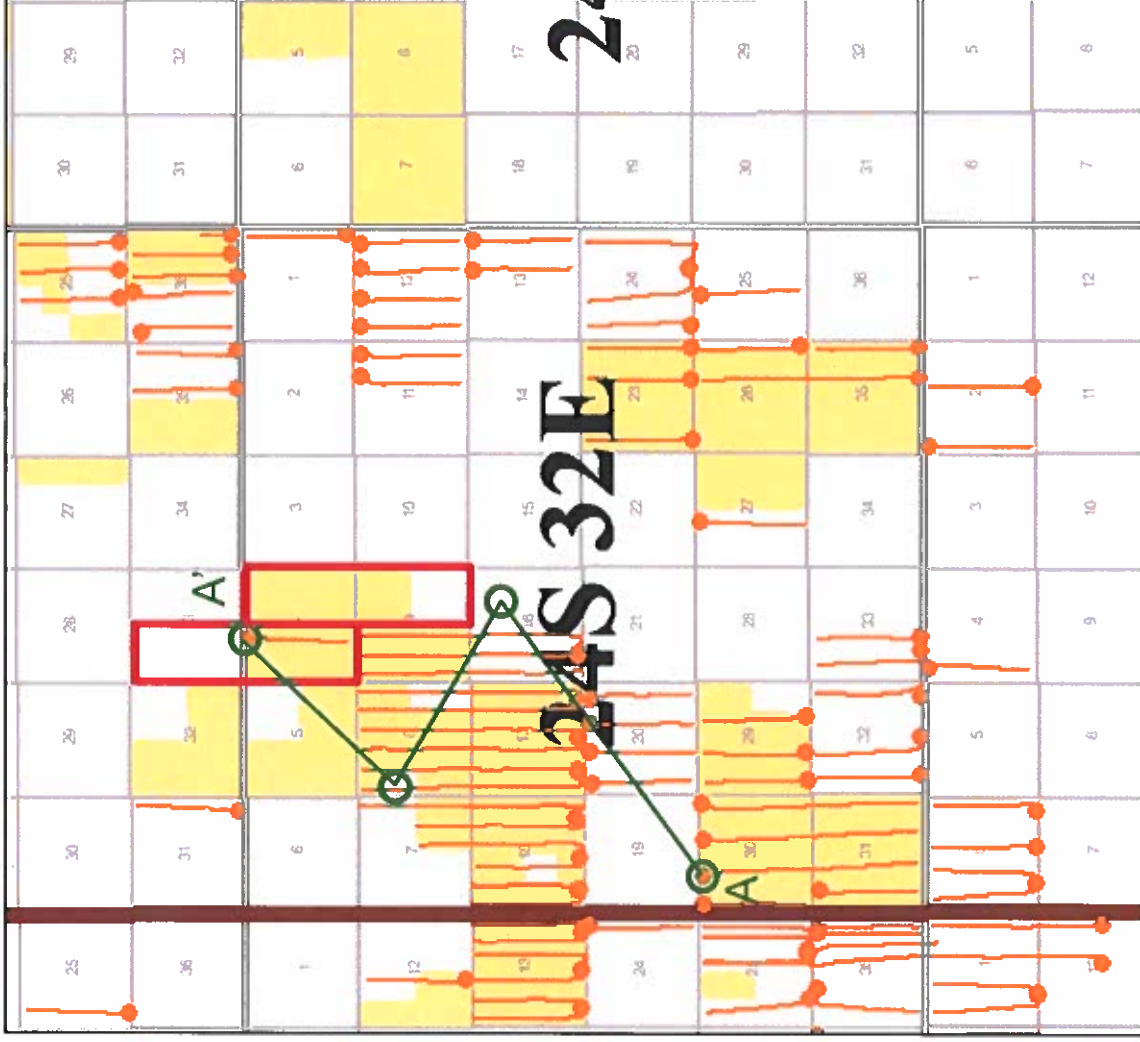
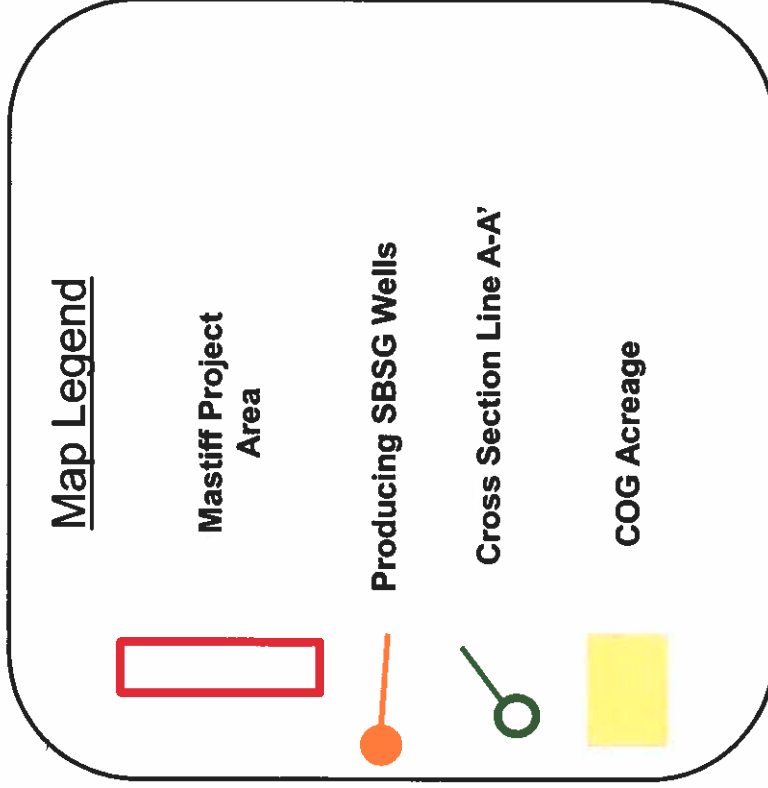
Bone Spring Pool

Mastiff Federal Com 501H, 502H, 503H, 504H, 505H, 506H, & 507H



Bone Spring Pool

Mastiff Federal Com 501H, 502H, 503H, 504H, 505H, 506H, & 507H



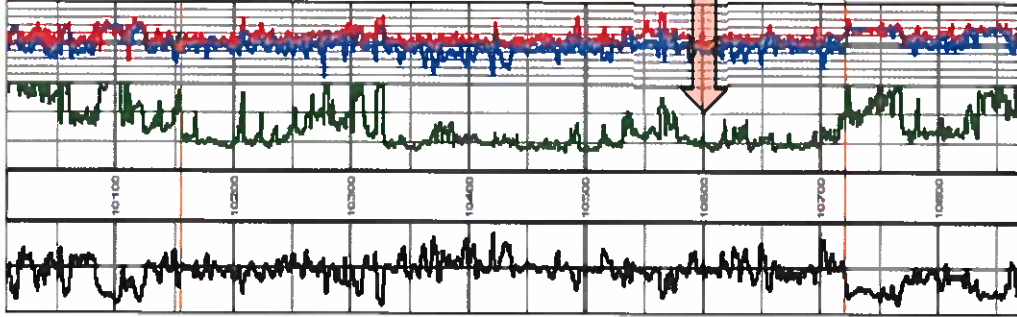
Bone Spring Pool

Mastiff Federal Com 501H, 502H, 503H, 504H, 505H, 506H, & 507H

A

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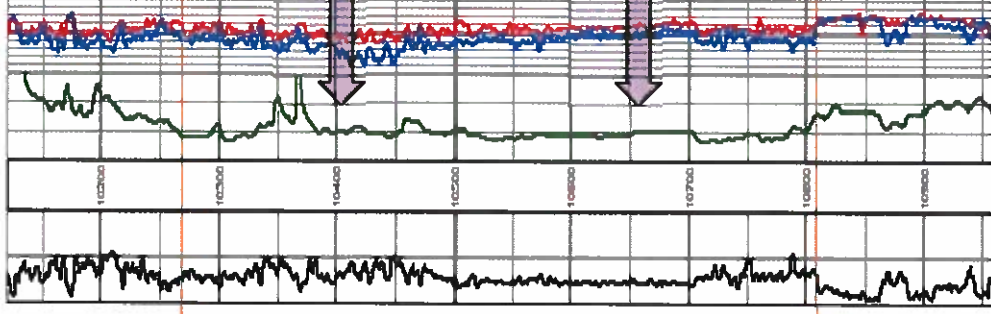
COG PRODUCTION LLC
WINDWARD FEDERAL Pilot Hole 2H



DATUM

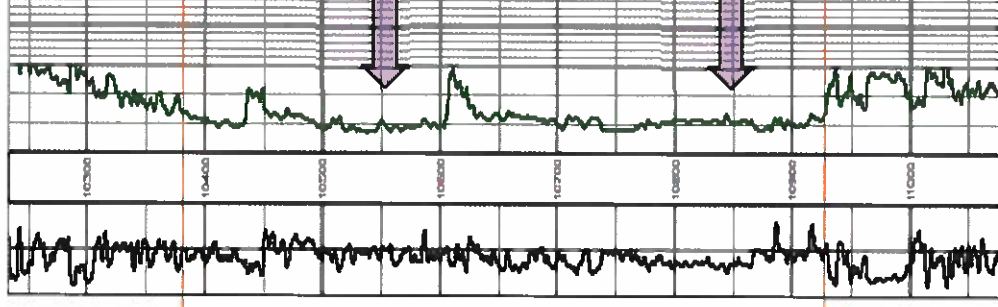
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EOG RESOURCES INCORPORATED
JACK TANK 8 FEDERAL 2



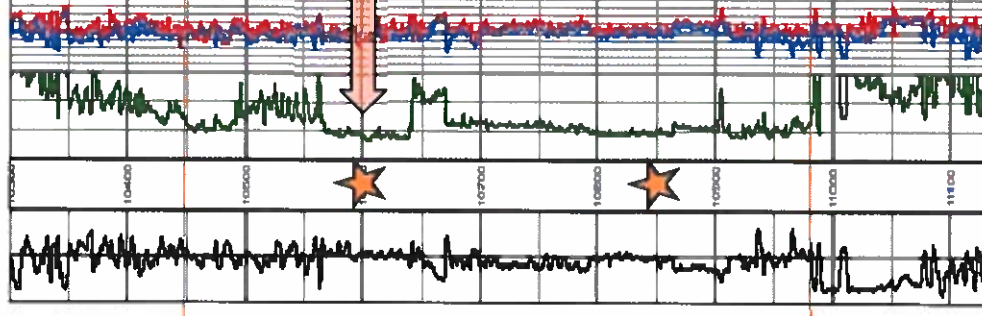
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EOG RESOURCES INCORPORATED
DOUBLE ABJ STATE 1



300254206400

COG OPERATING LLC
MASTIFF FEDERAL Pilot Hole 3H



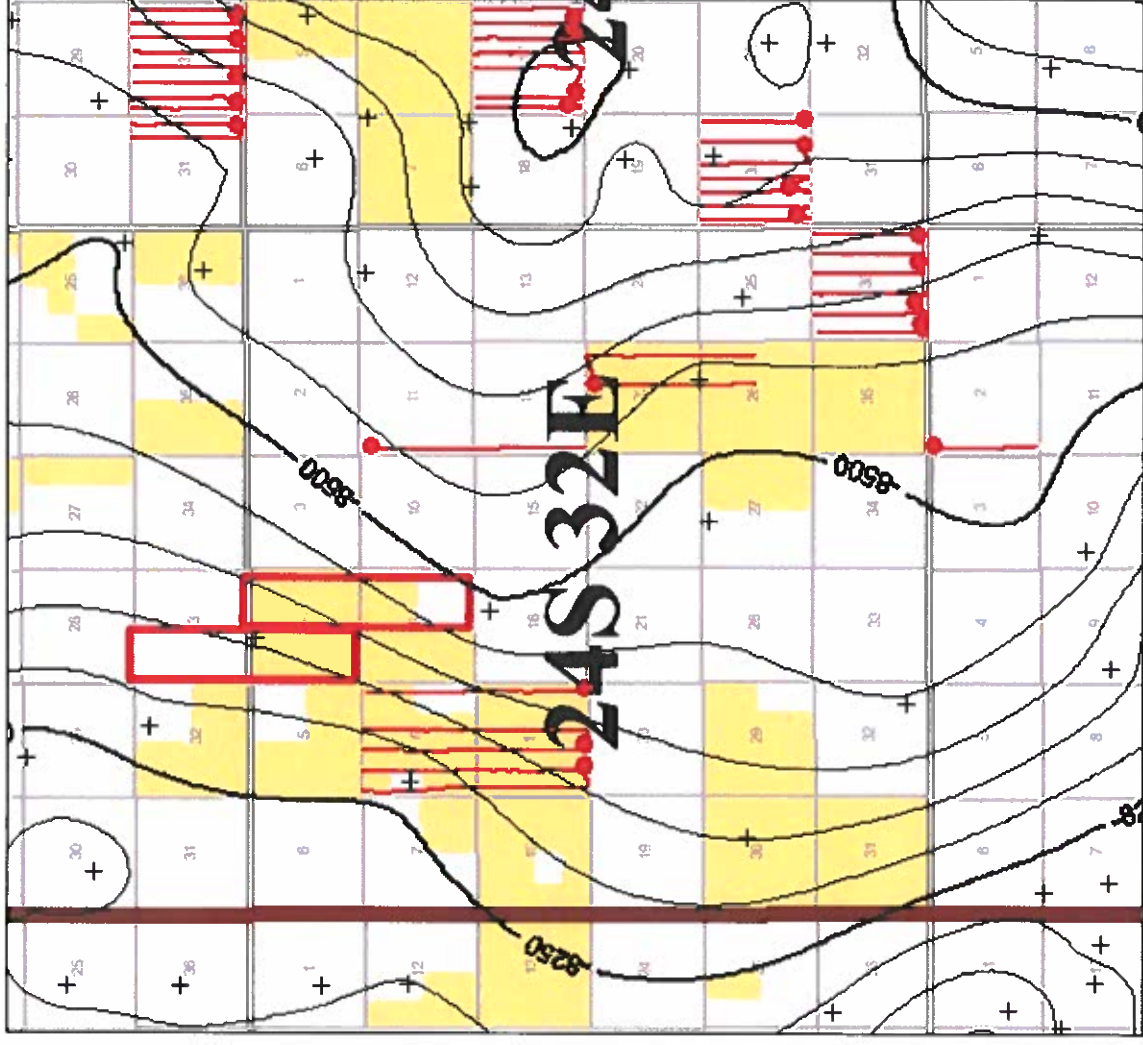
★ COG Proposed Mastiff Landings

COG SBSG Sand Targets
OXY SBSG Sand Targets

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Case Nos. 20923, 20924, 20925 & 20926
Exhibit No. 9
Submitted by: COG OPERATING LLC
Hearing Date: February 20, 2020

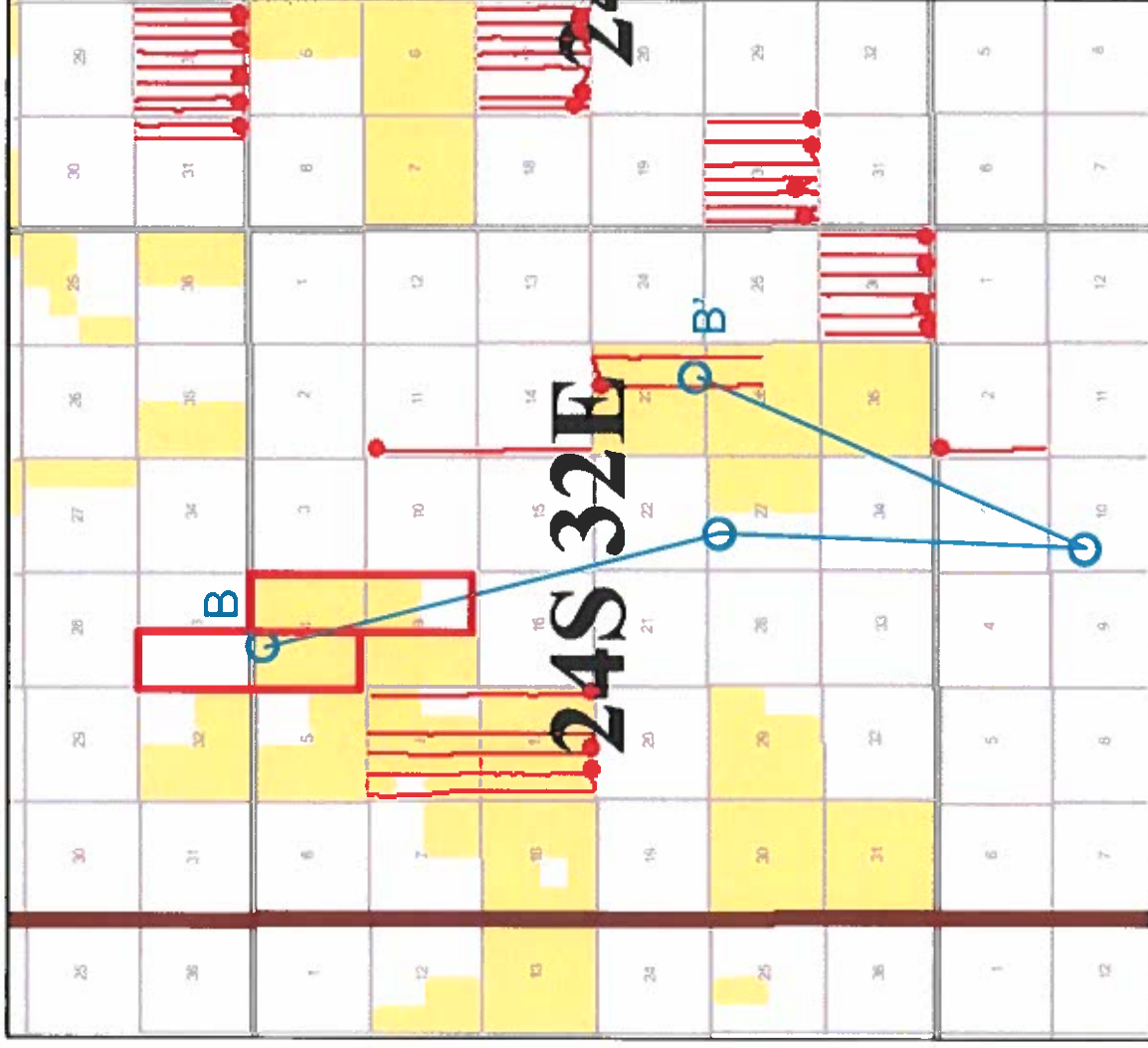
Wolfcamp Pool

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



Wolfcamp Pool

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



Wolfcamp Pool

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

B

B'

300254206400

COG OPERATING LLC
MASTIFF FEDERAL Pilot Hole 3H

300254293200

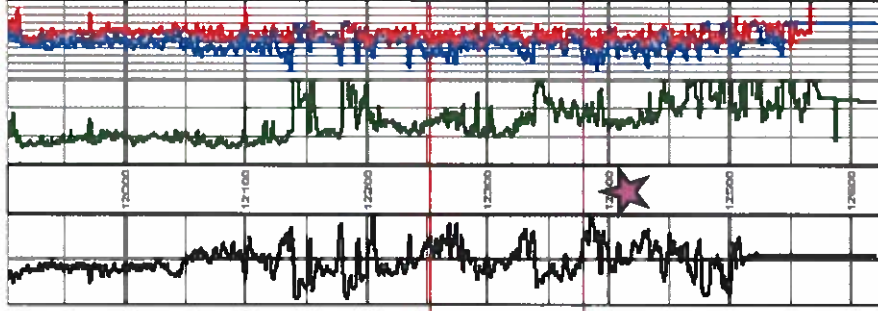
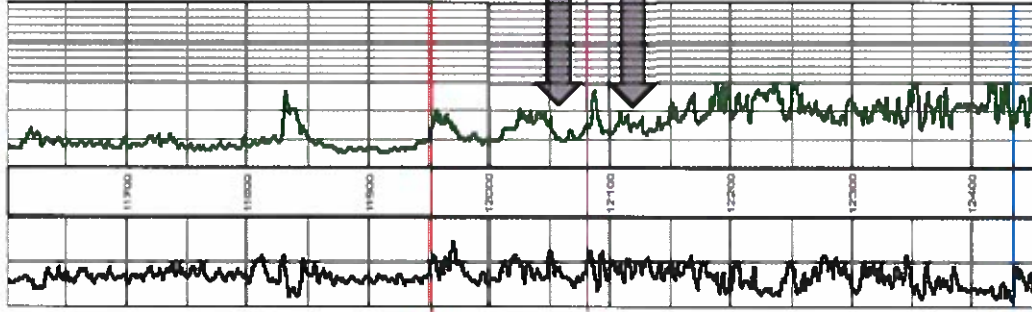
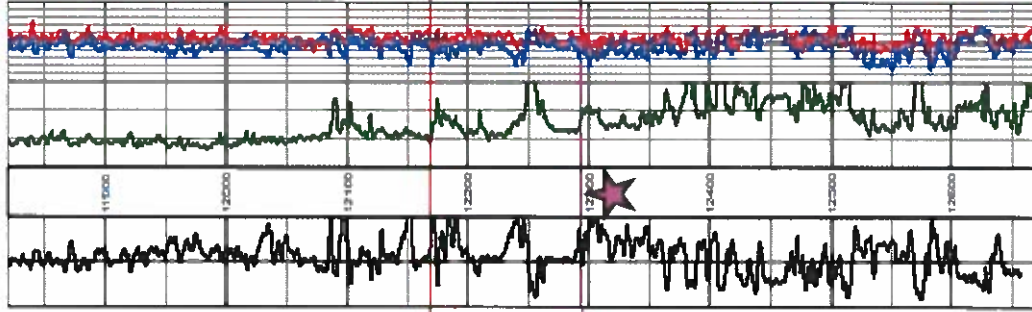
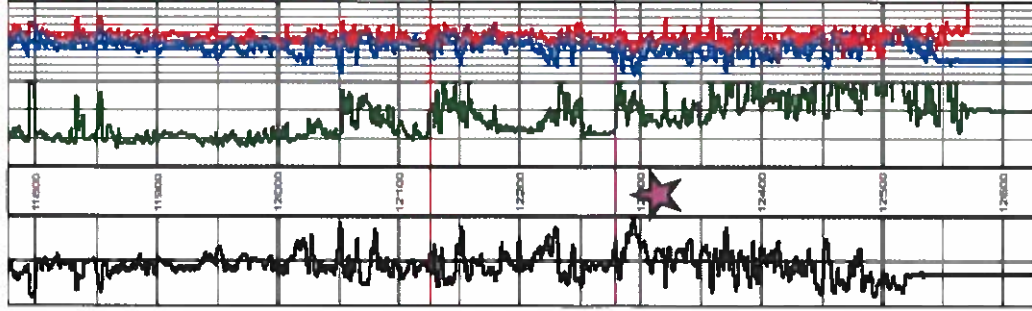
XTO ENERGY INC
OUTRIDER FEDERAL Pilot Hole 6H

300252202400

MESQUITE SWD INCORPORATED
COTTON DRAW SWD 66

30025417700

COG OPERATING LLC
TREASURE ISLAND FEDERAL Pilot Hole 2H



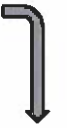
DATUM



CONCHO



COG Proposed Mastiff Landings



EOG WFMP Targets

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Case Nos. 20923, 20924, 20925 & 20926

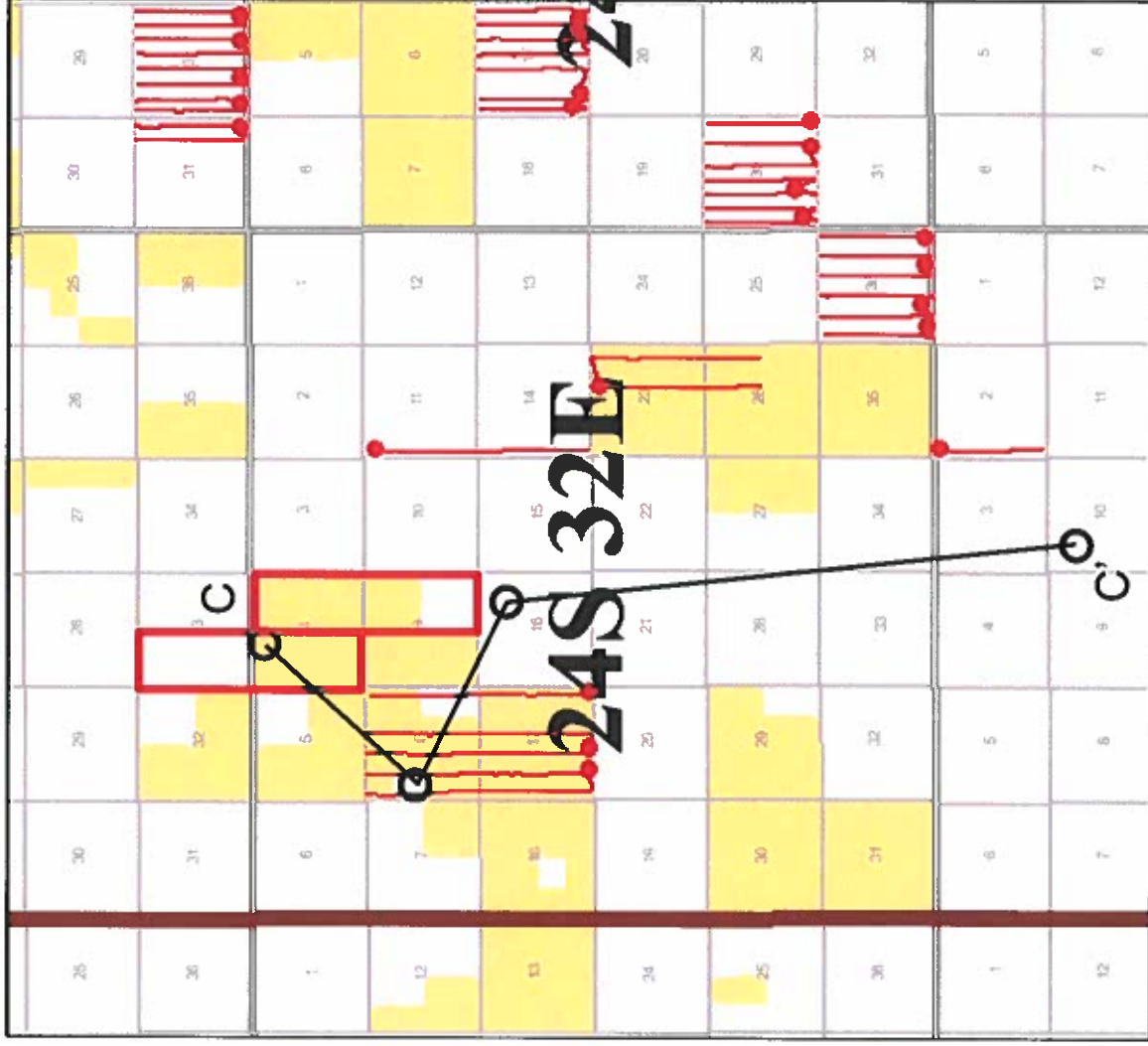
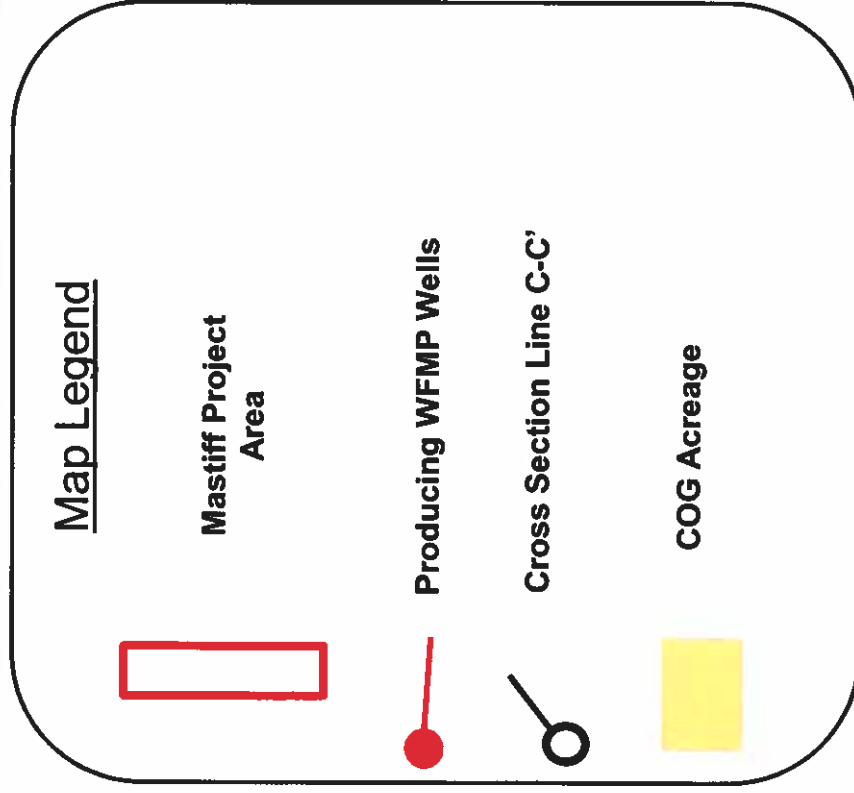
Exhibit No. 12

Submitted by: COG OPERATING LLC

Hearing Date: February 20, 2020

Wolfcamp Pool

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



Wolfcamp Pool

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

C

C'

300254206400

COG OPERATING LLC
MASTIFF FEDERAL Pilot Hole 3H

300253219200

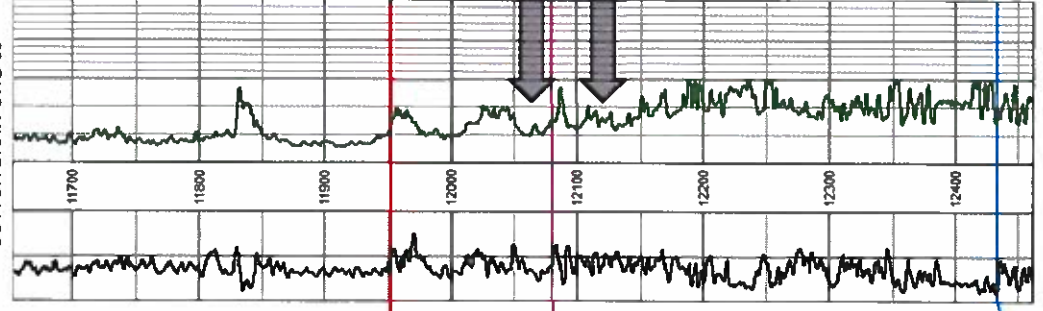
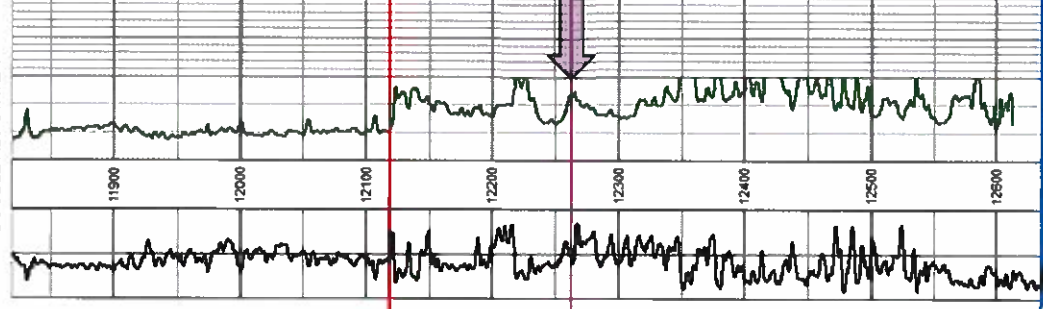
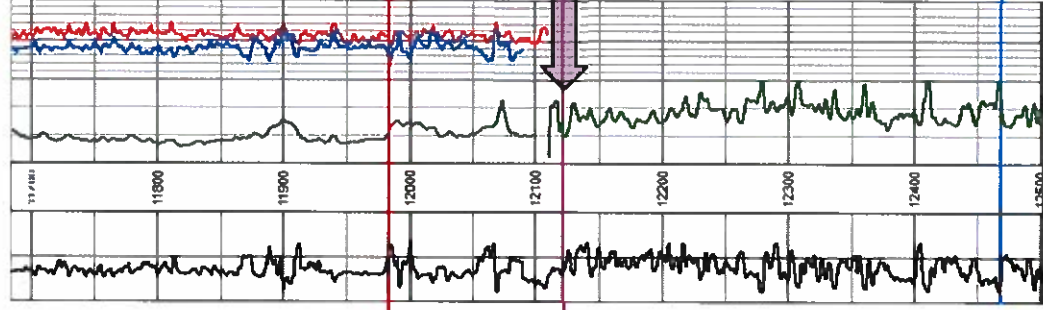
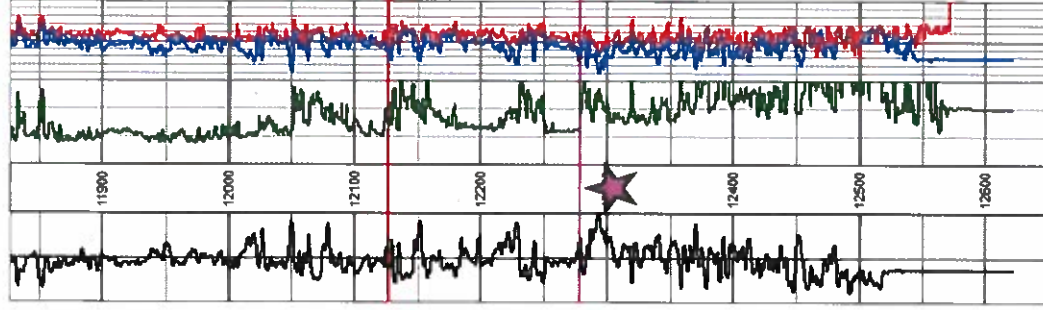
EOG RESOURCES INCORPORATED
JACK TANK 8 FEDERAL 2

300253074600

EOG RESOURCES INCORPORATED
DOUBLE ABJ STATE 1

300252202400

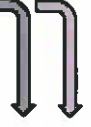
MESQUITE SWD INCORPORATED
COTTON DRAW SWD 66



CONCHO



COG Proposed Mastiff Landings

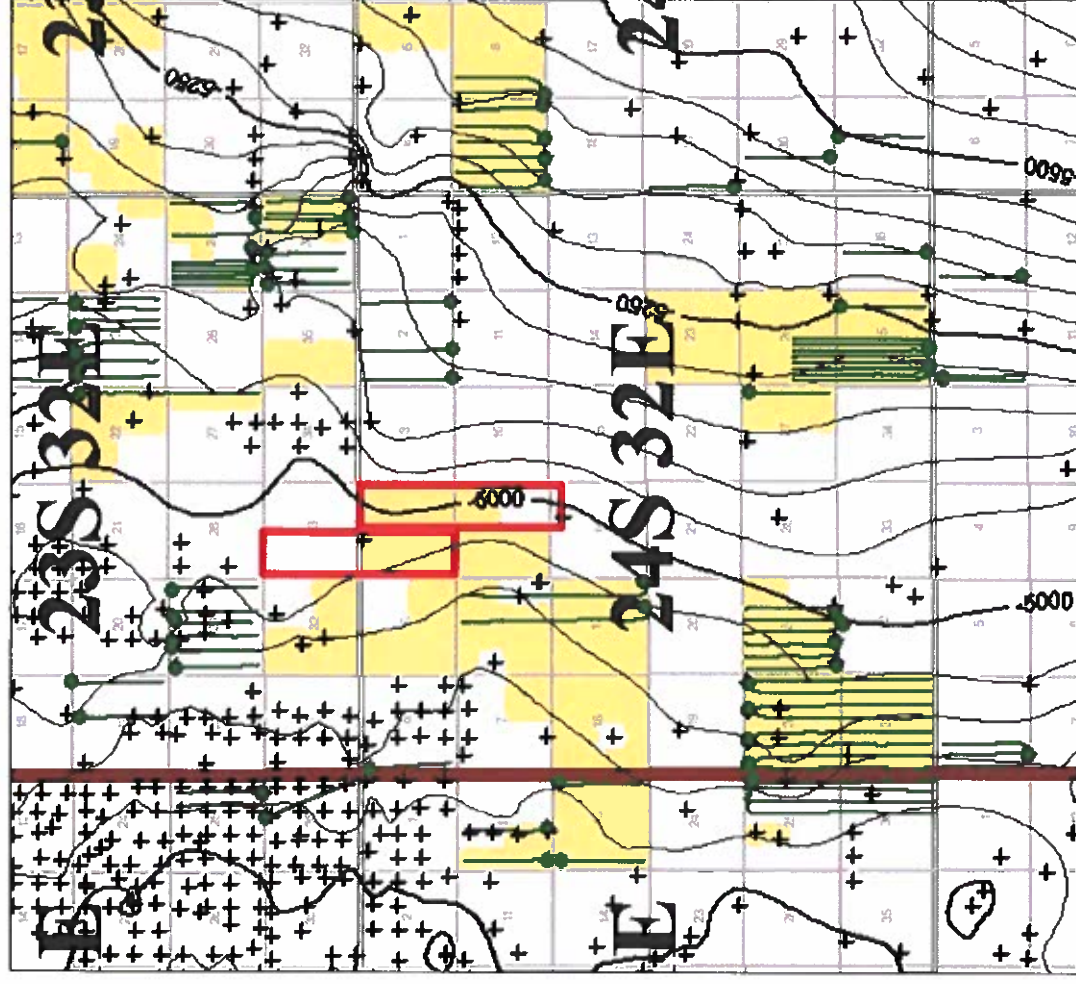
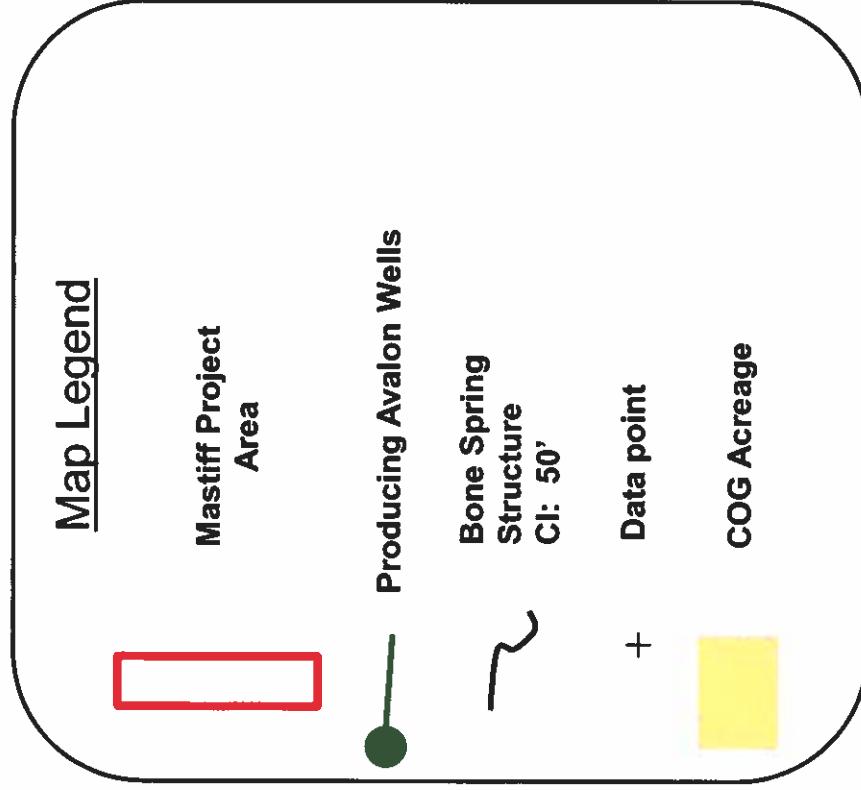


EOG WFMP Targets
OXY WFMP Targets

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Case Nos. 20923, 20924, 20925 & 20926
Exhibit No. 14
Submitted by: COG OPERATING LLC
Hearing Date: February 20, 2020

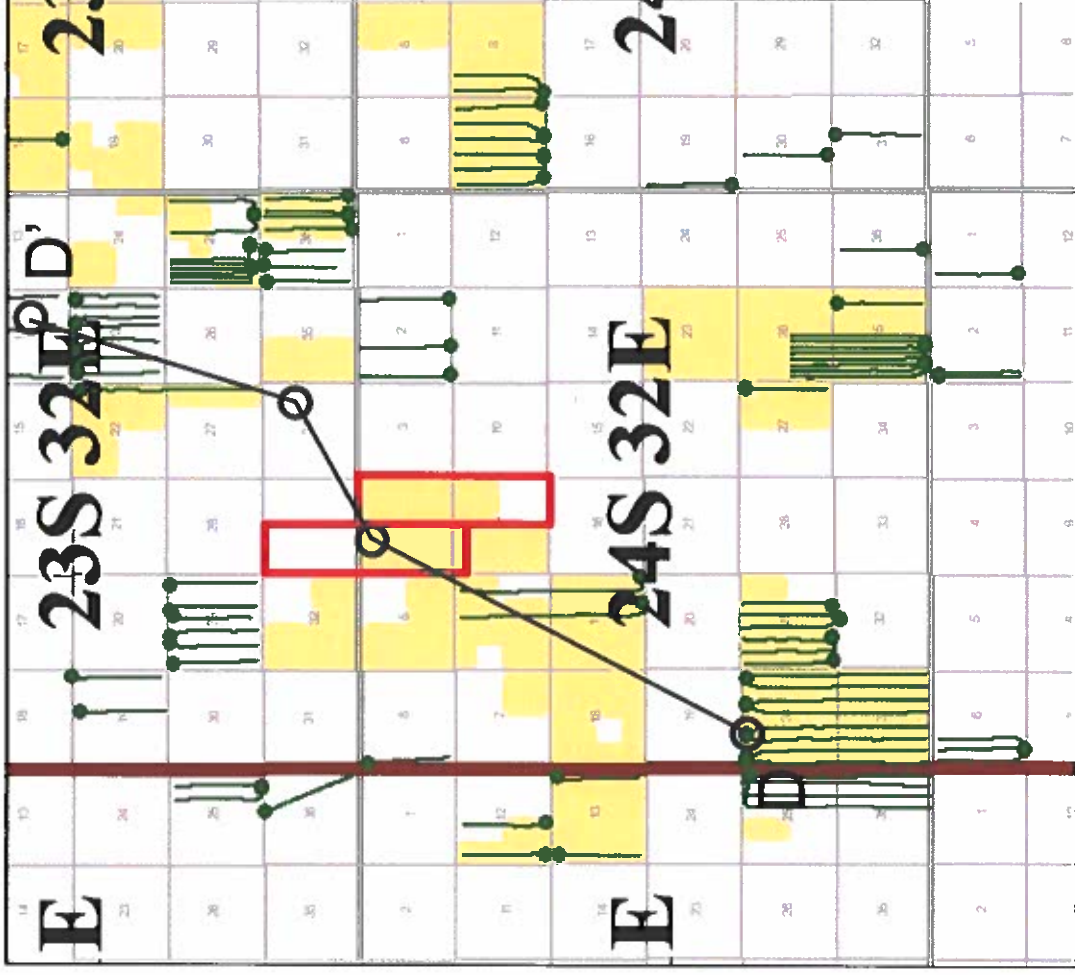
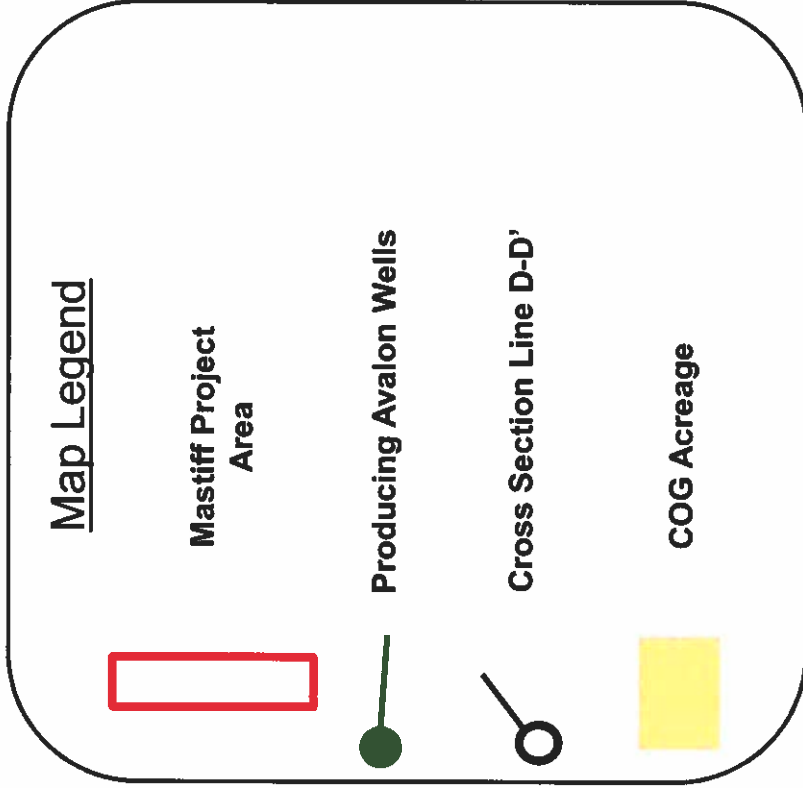
Bone Spring Pool

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



Bone Spring Pool

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



Bone Spring Pool

Mastiff Federal Com 201H, 202H, 203H, 204H, 205H,

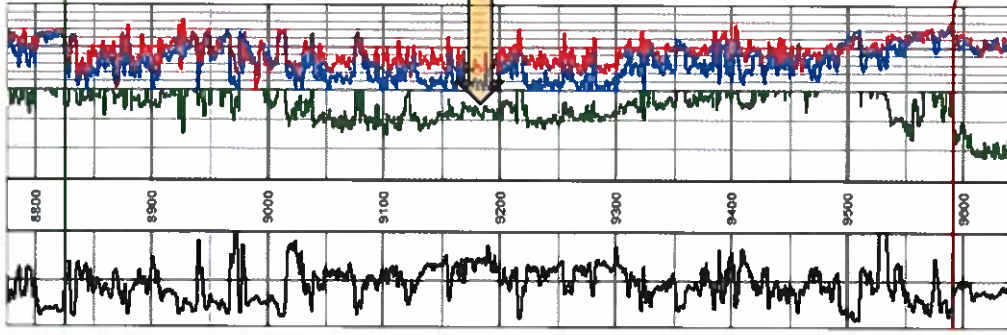
301H, 302H, 303H, 304H, 305H, 306H, 307H, 308H, 309H, & 310H

D

300254140800

COG PRODUCTION LLC

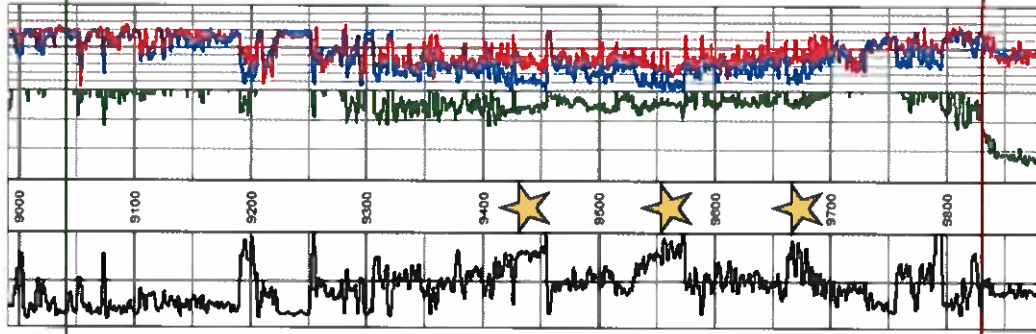
WINDWARD FEDERAL Pilot Hole 2H



300254206400

COG OPERATING LLC

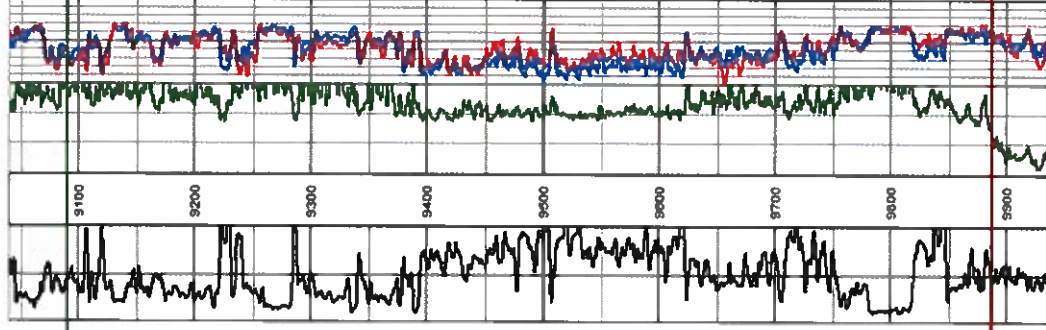
MASTIFF FEDERAL Pilot Hole 3H



300253326100

EOG RESOURCES INCORPORATED

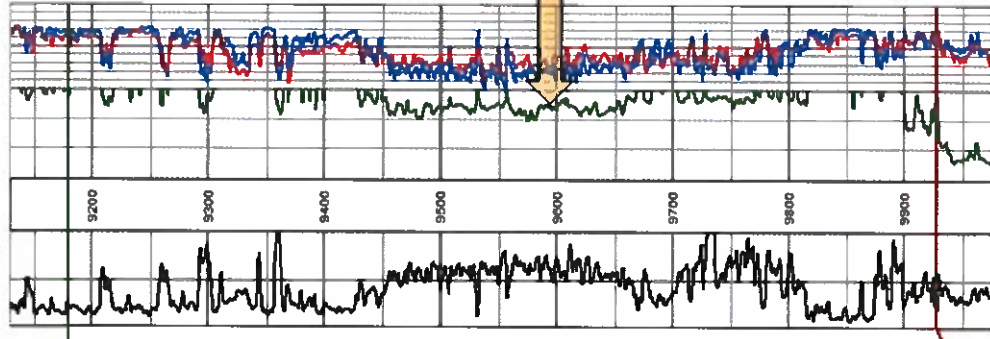
DIAMONDTAIL 34 FEDERAL 4



300252770800

SUPERIOR OIL CO ETAL

TRISTE DRAW FEDERAL 2



D'

DATUM



CONCHO



COG Proposed Mastiff Landings



COG Avalon Targets

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Case Nos. 20923, 20924, 20925 & 20926

Exhibit No. 17

Submitted by: COG OPERATING LLC

Hearing Date: February 20, 2020