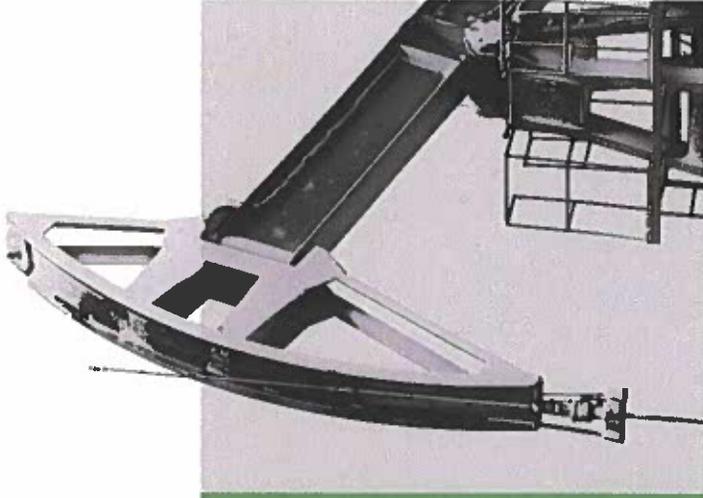




Before the Oil Conservation Division  
February 20, 2020  
Applications of COG Operating LLC  
Case Nos. 20923, 20924, 20925 & 20926  
Mastiff Wells



**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 I  
1625 N. FRENCH DR., HOBBS, NM 86240  
Phone: (575) 393-8181 Fax: (575) 393-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
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  
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  
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 <b>MASTIFF</b>	
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>	Well Number <b>201H</b>
		Elevation

**Surface Location**

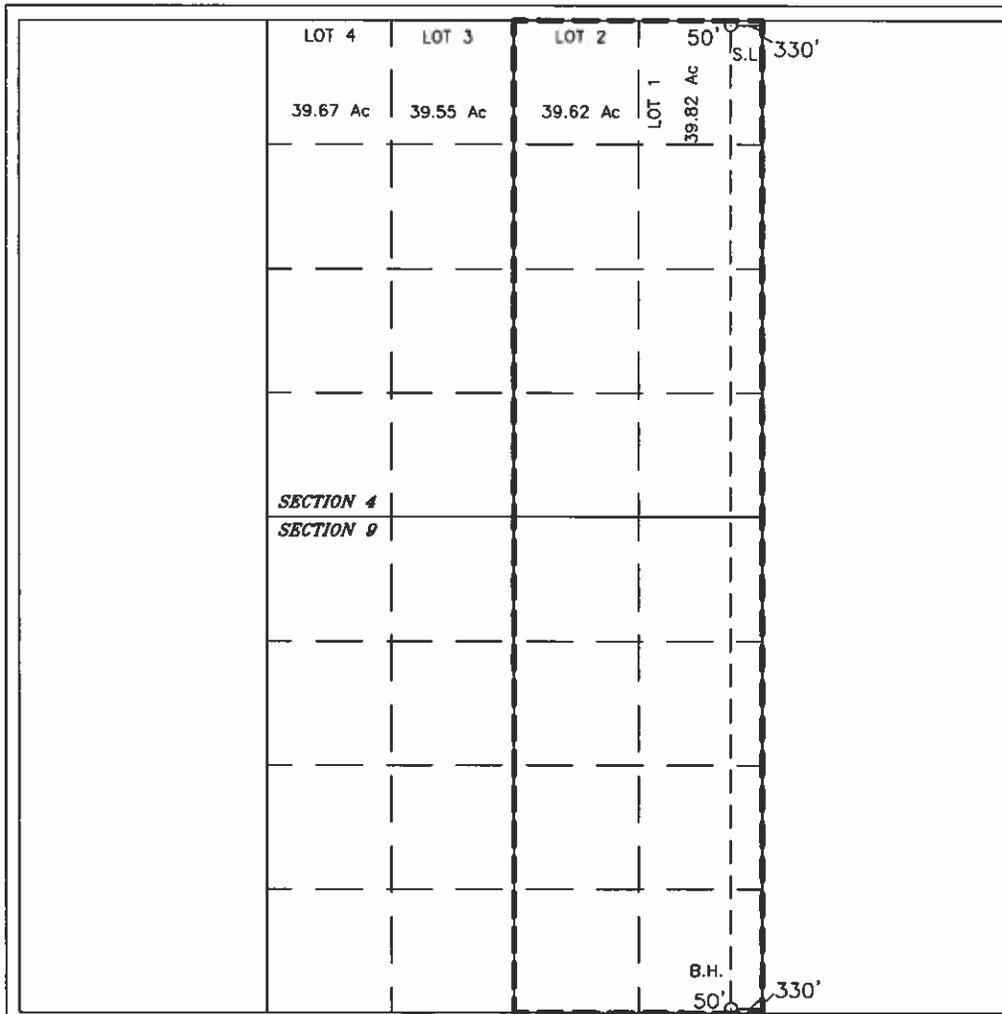
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	4	24-S	32-E		50	NORTH	330	EAST	LEA

**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**



**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. # **20-285** DRAWN BY: **DS**

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

DISTRICT II  
511 S. FIRST ST., ARTESIA, NM 88210  
Phone: (575) 746-1203 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) 476-3462

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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District Office

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number	Pool Code	Pool Name
Property Code	Property Name <b>MASTIFF</b>	
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>	
		Well Number <b>202H</b>
		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**

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; text-align: center;">LOT 4 39.67 Ac</td> <td style="width: 20%; text-align: center;">LOT 3 39.55 Ac</td> <td style="width: 20%; text-align: center;">LOT 2 39.62 Ac</td> <td style="width: 20%; text-align: center;">LOT 1 39.82 Ac</td> </tr> <tr> <td colspan="2" style="text-align: center;">SECTION 4</td> <td colspan="2"></td> </tr> <tr> <td colspan="2" style="text-align: center;">SECTION 9</td> <td colspan="2"></td> </tr> </table> <p style="text-align: right; margin-right: 20px;">50' S.L. 1310'</p> <p style="text-align: right; margin-right: 20px;">50' B.H. 1310'</p>	LOT 4 39.67 Ac	LOT 3 39.55 Ac	LOT 2 39.62 Ac	LOT 1 39.82 Ac	SECTION 4				SECTION 9				<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></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> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></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 style="text-align: right;">Date of Survey _____</p> <p>Signature &amp; Seal of Professional Surveyor _____</p> <hr/> <p style="font-size: small;">Certificate No. CHAD HARCROW 17777 W.O. # 20-286 DRAWN BY: DS</p>
LOT 4 39.67 Ac	LOT 3 39.55 Ac	LOT 2 39.62 Ac	LOT 1 39.82 Ac										
SECTION 4													
SECTION 9													

DISTRICT I  
1825 N. FRENCH DR., HOBBS, 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) 748-8780

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-8178 Fax: (505) 334-8170

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  
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 <b>MASTIFF FEDERAL COM</b>	Well Number 301H
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>	Elevation 3676.3'

Surface Location

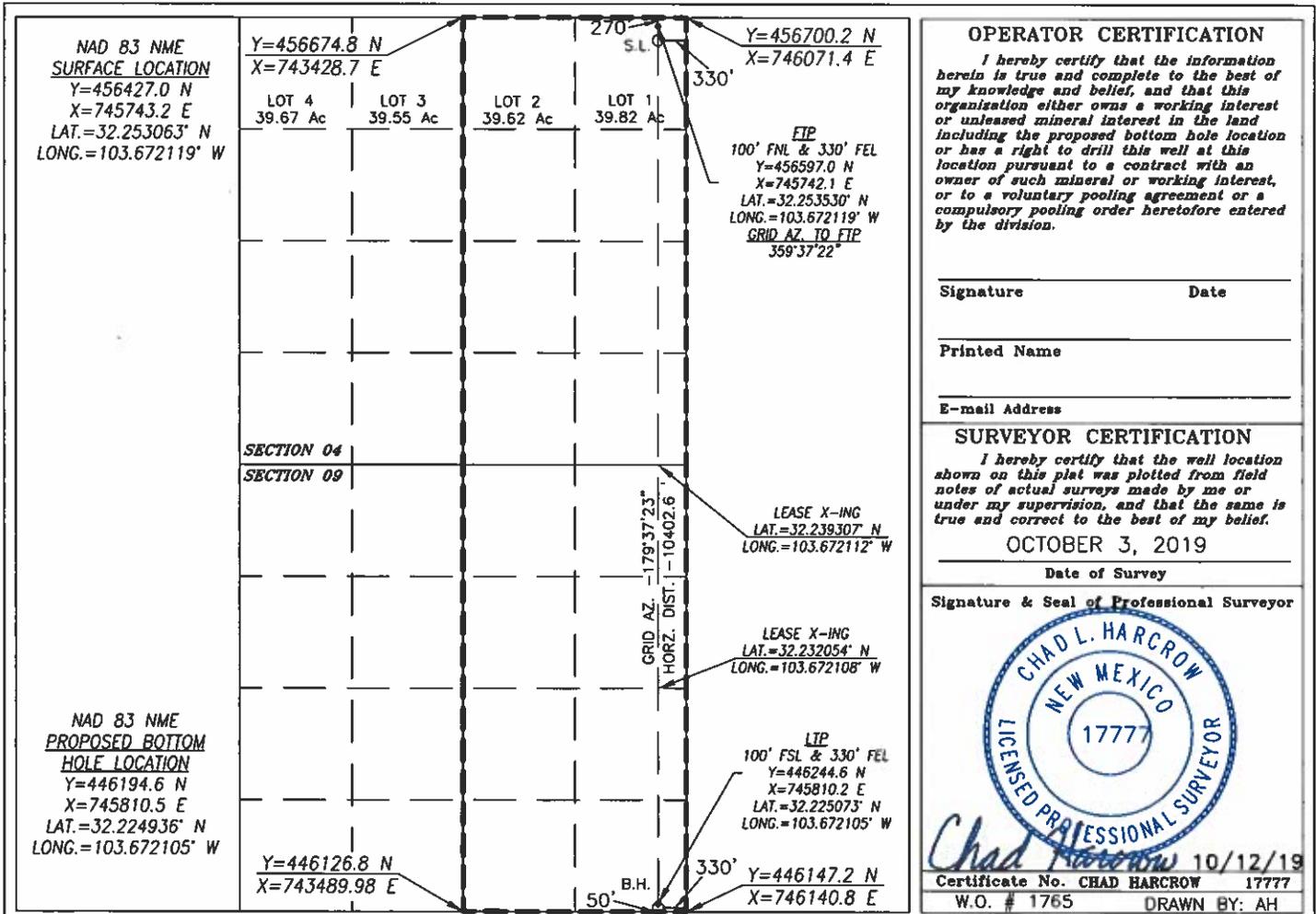
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	4	24-S	32-E		270	NORTH	330	EAST	LEA

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**



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) 334-6176 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**  
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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 <b>MASTIFF FEDERAL COM</b>	Well Number 302H
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>	Elevation 3678.3'

Surface Location

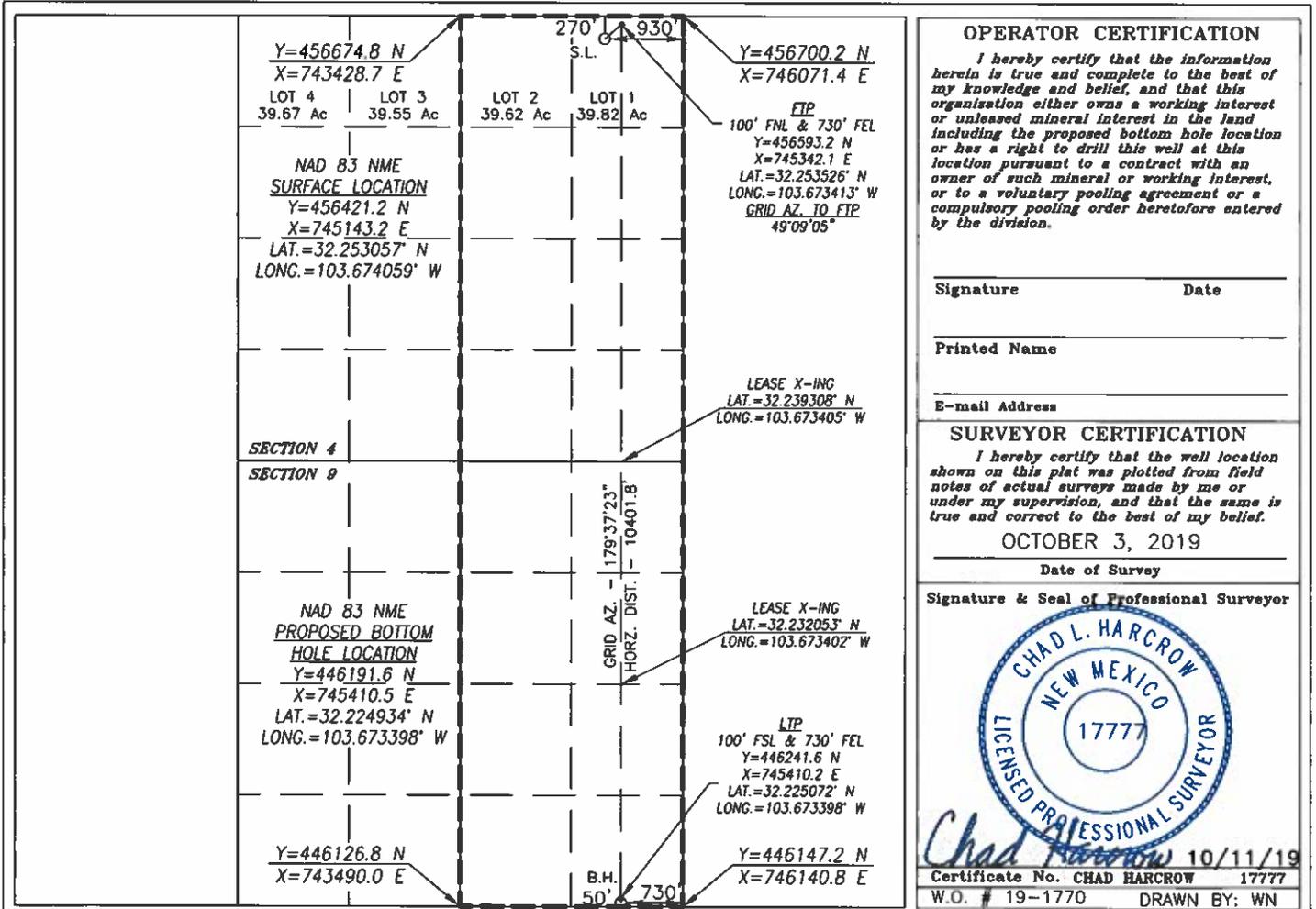
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	4	24-S	32-E		270	NORTH	930	EAST	LEA

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**



**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 Harcrow 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: (575) 392-6161 Fax: (575) 392-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (575) 745-1253 Fax: (575) 745-9720

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

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AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number	Pool Code	Pool Name
Property Code	Property Name <b>MASTIFF</b>	
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>	
		Well Number <b>501H</b>
		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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<p style="text-align: center;">SECTION 4 SECTION 9</p>	<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></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> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></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 &amp; Seal of Professional Surveyor _____</p> <hr/> <p>Certificate No. <b>CHAD HARCROW 17777</b> W.O. # 20-288 DRAWN BY: AH</p>
--	--

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) 748-1263 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 87506  
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 <b>MASTIFF</b>	
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>	
		Well Number <b>502H</b>
		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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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; text-align: center;">LOT 4 39.67 Ac</td> <td style="width: 20%; text-align: center;">LOT 3 39.55 Ac</td> <td style="width: 20%; text-align: center;">LOT 2 39.62 Ac</td> <td style="width: 40%; text-align: center;">           50' 990'            S.L.            LOT 1            39.82 Ac         </td> </tr> <tr> <td colspan="2" style="text-align: center;">SECTION 4</td> <td colspan="2"></td> </tr> <tr> <td colspan="2" style="text-align: center;">SECTION 9</td> <td colspan="2"></td> </tr> <tr> <td colspan="2"></td> <td colspan="2" style="text-align: center;">B.H. 50' 990'</td> </tr> </table>	LOT 4 39.67 Ac	LOT 3 39.55 Ac	LOT 2 39.62 Ac	50' 990' S.L. LOT 1 39.82 Ac	SECTION 4				SECTION 9						B.H. 50' 990'		<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></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> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></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 style="text-align: center;">Date of Survey _____</p> <p>Signature &amp; Seal of Professional Surveyor _____</p> <hr/> <p>Certificate No. <b>CHAD BARCROW 17777</b> W.O. # <b>20-289</b> DRAWN BY: <b>DS</b></p>
LOT 4 39.67 Ac	LOT 3 39.55 Ac	LOT 2 39.62 Ac	50' 990' S.L. LOT 1 39.82 Ac														
SECTION 4																	
SECTION 9																	
		B.H. 50' 990'															



DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 80240  
Phone: (576) 393-6161 Fax: (576) 393-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (576) 748-1283 Fax: (576) 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  
**OIL CONSERVATION DIVISION**  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

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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 <b>MASTIFF FEDERAL COM</b>	Well Number 303H
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>	Elevation 3678.8'

**Surface Location**

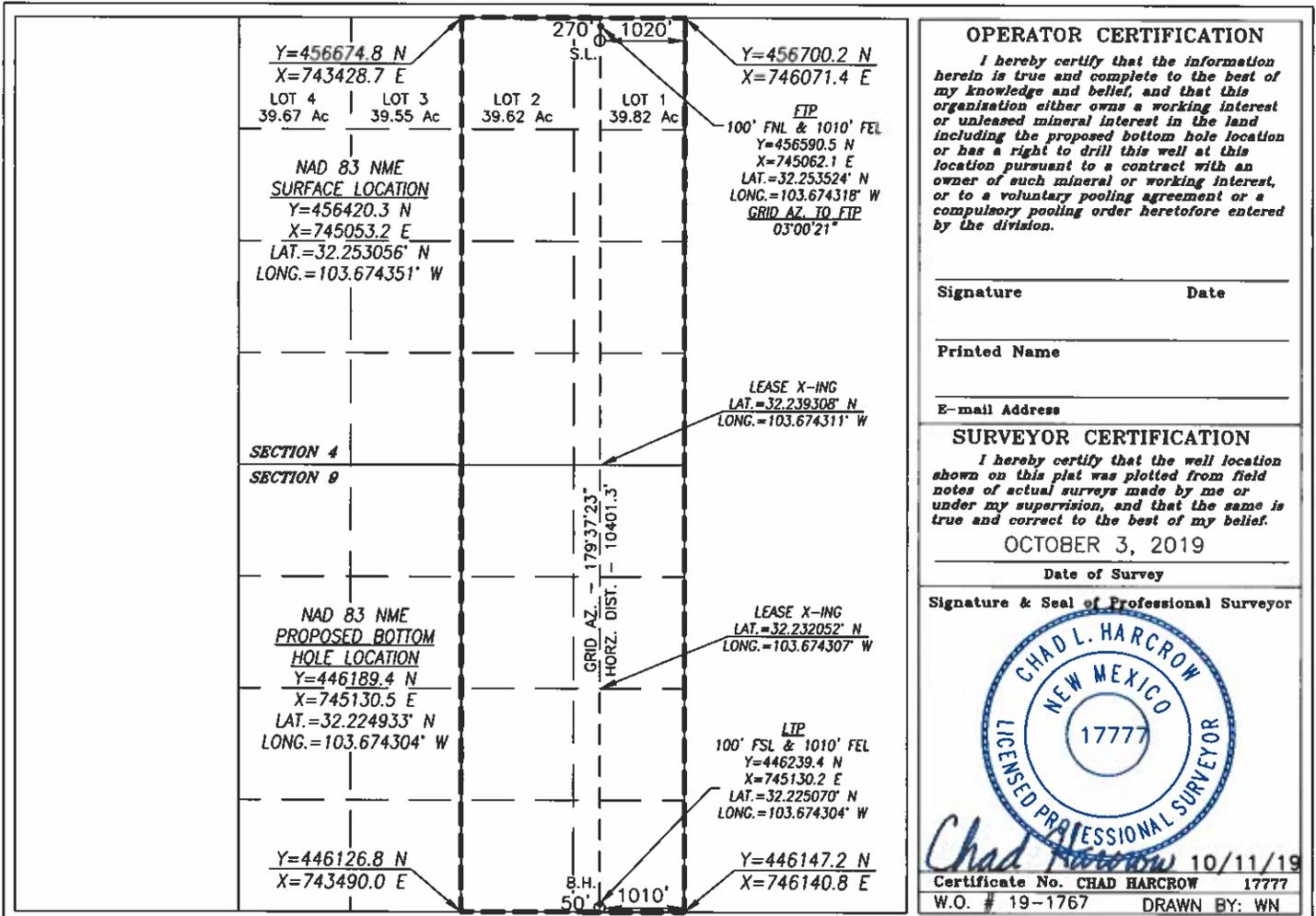
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	4	24-S	32-E		270	NORTH	1020	EAST	LEA

**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.

**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**



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

DISTRICT II  
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Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III  
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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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AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

Surface Location

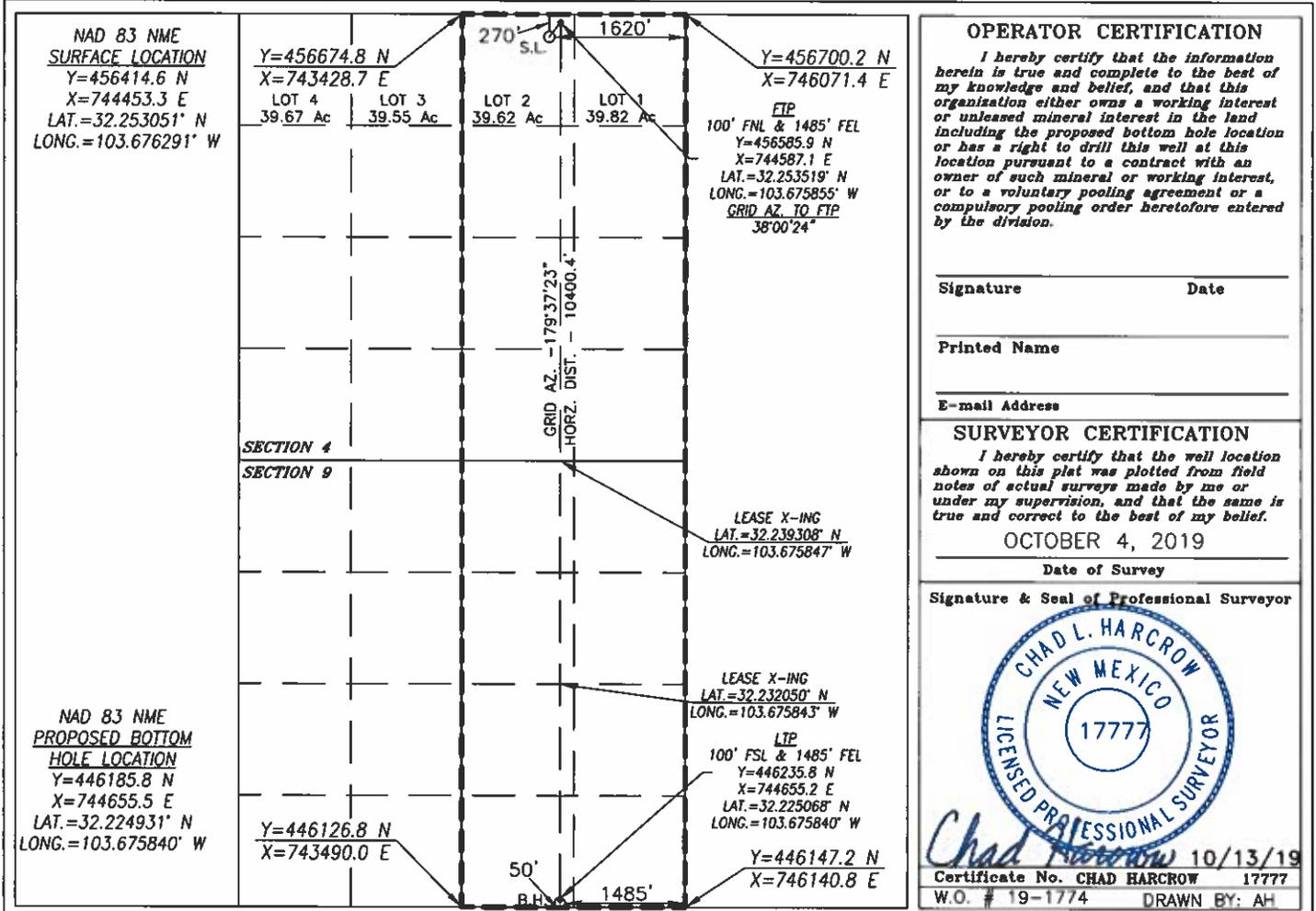
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	4	24-S	32-E		270	NORTH	1620	EAST	LEA

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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**OPERATOR CERTIFICATION**

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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. # 19-1774 DRAWN BY: AH

DISTRICT I  
1626 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 393-8161 Fax: (575) 393-0723

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) 334-8178 Fax: (505) 334-8170

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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District Office

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

**Surface Location**

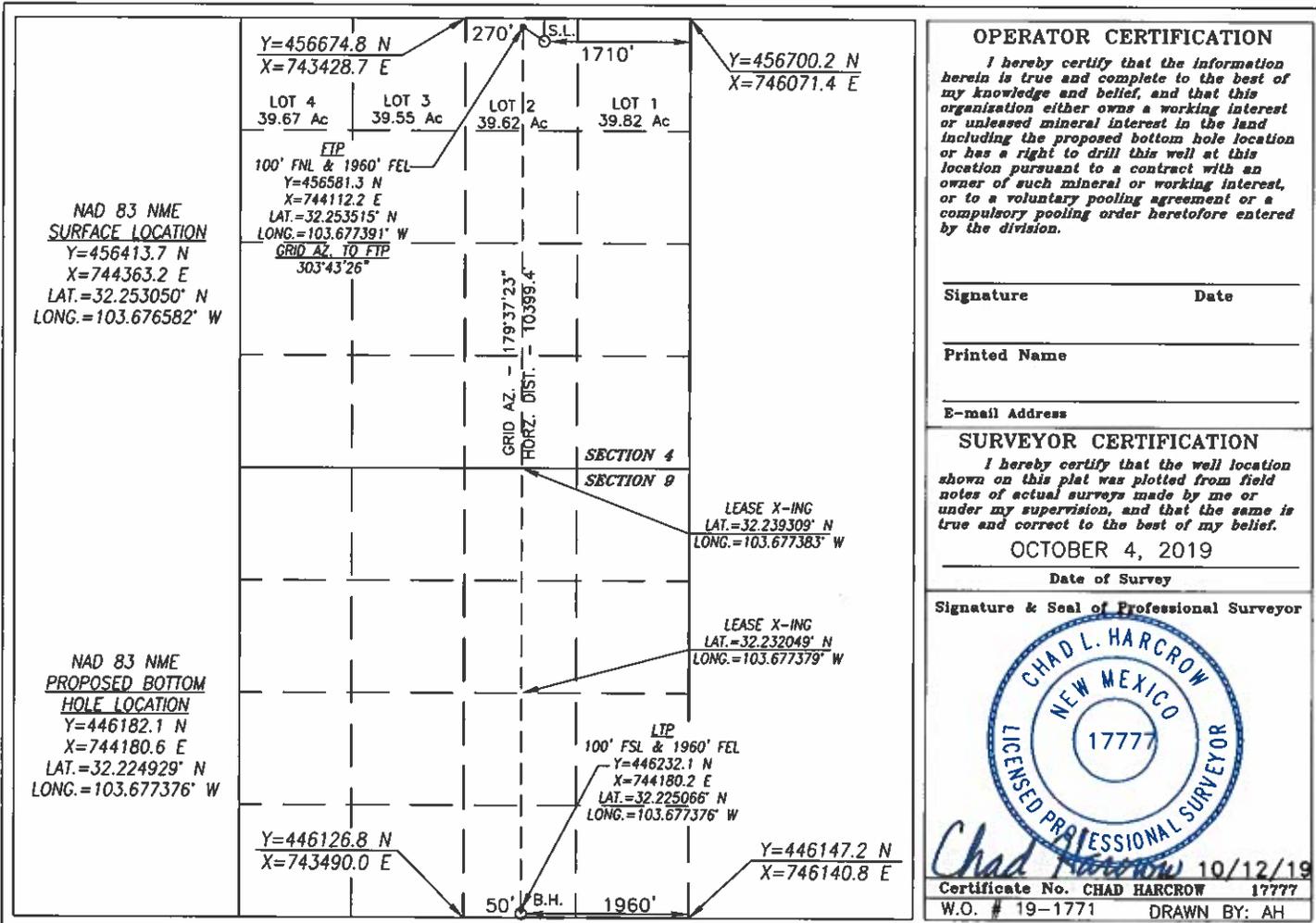
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	4	24-S	32-E		270	NORTH	1710	EAST	LEA

**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.

**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**



**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 unless 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 Harcrow 10/12/19  
Certificate No. CHAD HARCROW 17777  
W.O. # 19-1771 DRAWN BY: AH

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 393-6181 Fax: (575) 363-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
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

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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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 <b>MASTIFF</b>	Well Number <b>503H</b>
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>	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.

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

	<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></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> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></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 &amp; Seal of Professional Surveyor _____</p> <hr/> <p>Certificate No. <b>CHAD HARCROW 17777</b> W.O. # 20-290 DRAWN BY: DS</p>
--	--

DISTRICT I  
1025 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) 748-1263 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 87506  
Phone: (505) 476-3480 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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AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

**Surface Location**

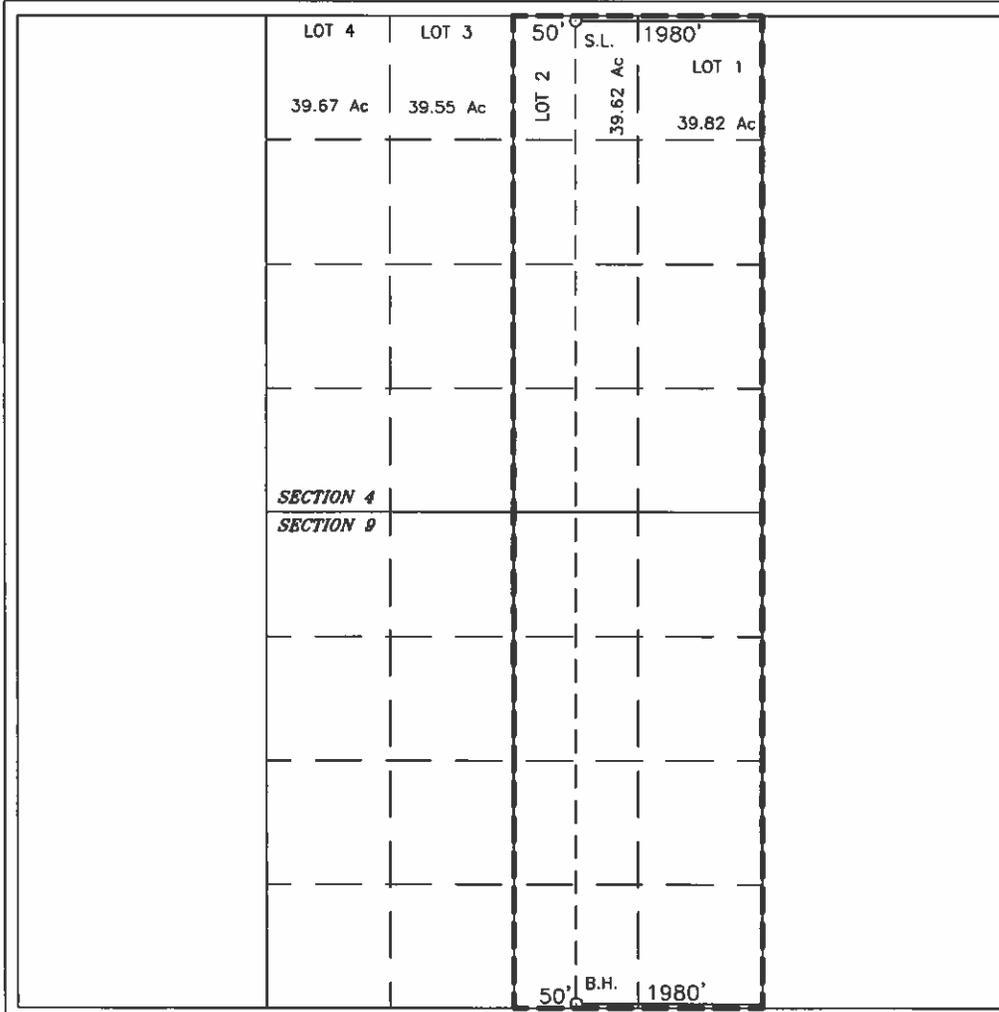
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	4	24-S	32-E		50	NORTH	1980	EAST	LEA

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



**OPERATOR CERTIFICATION**

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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. # **20-291** DRAWN BY: **DS**

**APPLICATION OF COG OPERATING LLC**  
**CASE NO. 20924**

DISTRICT I  
1825 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 893-6181 Fax: (575) 393-0780

DISTRICT II  
611 S. FIRST ST., ARTESIA, NM 86210  
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) 478-3480 Fax: (505) 478-3482

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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AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number	Pool Code	Pool Name
Property Code	Property Name <b>MASTIFF</b>	
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>	
		Well Number <b>204H</b>
		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.

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	<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></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> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></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 &amp; Seal of Professional Surveyor _____</p> <hr/> <p>Certificate No. <b>CHAD HARCROW 17777</b> W.O. #20-292 DRAWN BY: WN</p>
--	---

DISTRICT I  
1825 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) 334-8178 Fax: (505) 334-8170

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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AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

**Surface Location**

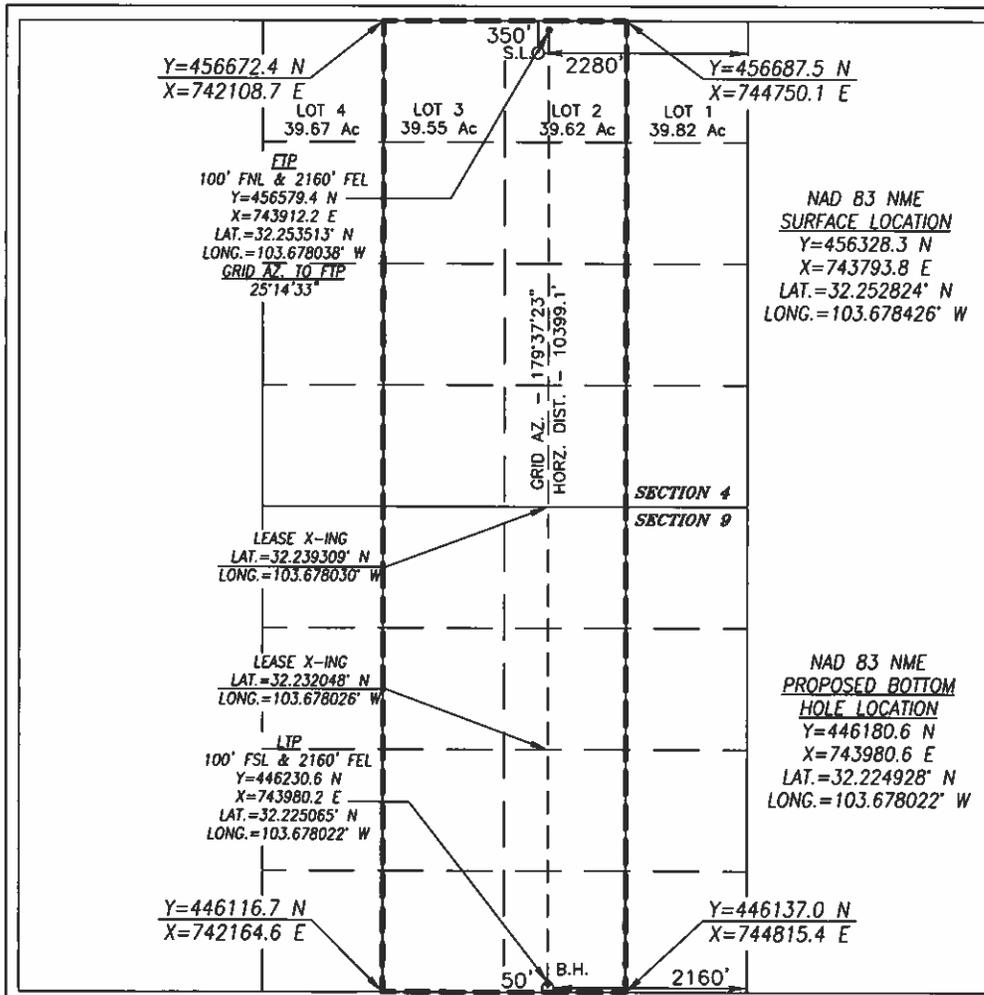
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	4	24-S	32-E		350	NORTH	2280	EAST	LEA

**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**

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

DISTRICT I  
1626 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) 334-8178 Fax: (505) 334-8170

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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AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

**Surface Location**

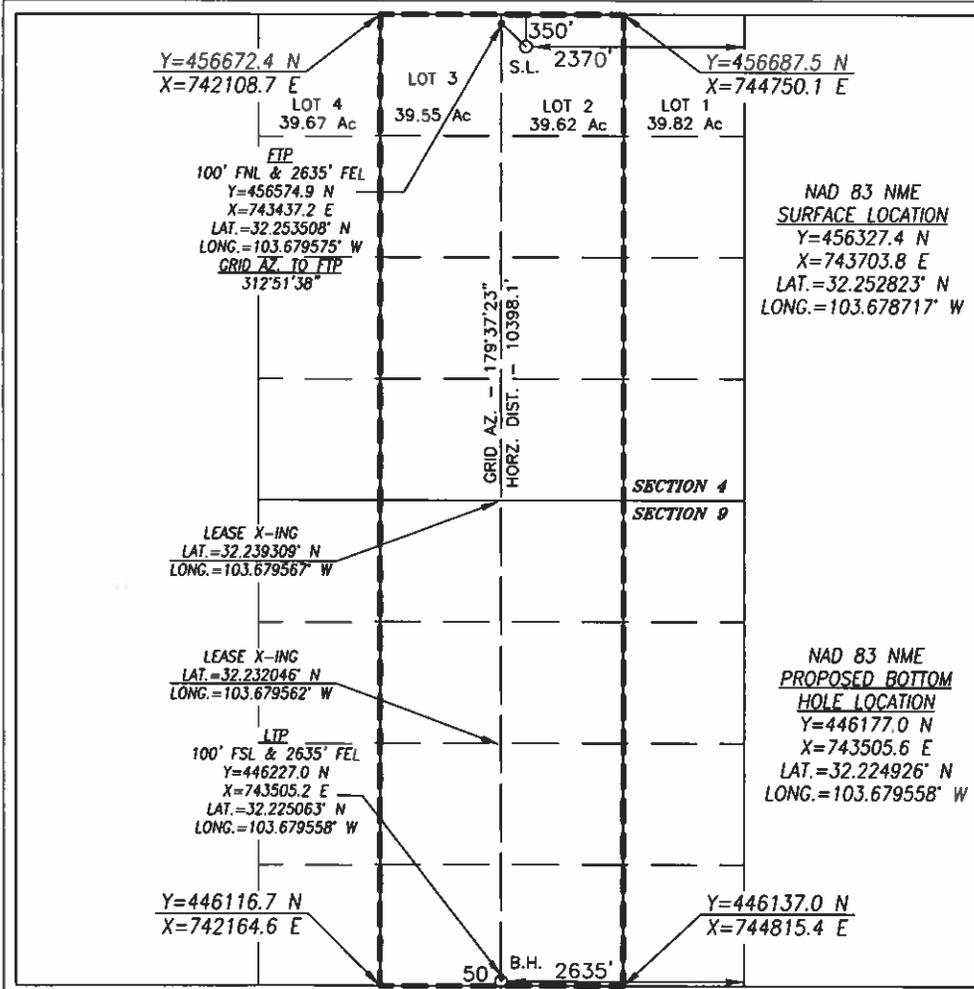
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	4	24-S	32-E		350	NORTH	2370	EAST	LEA

**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



*Chad Harcrow* 10/13/19  
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) 334-6176 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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District Office

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number	Pool Code	Pool Name
Property Code	Property Name <b>MASTIFF</b>	
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>	
		Well Number <b>205H</b>
		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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--	---

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

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AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

**Surface Location**

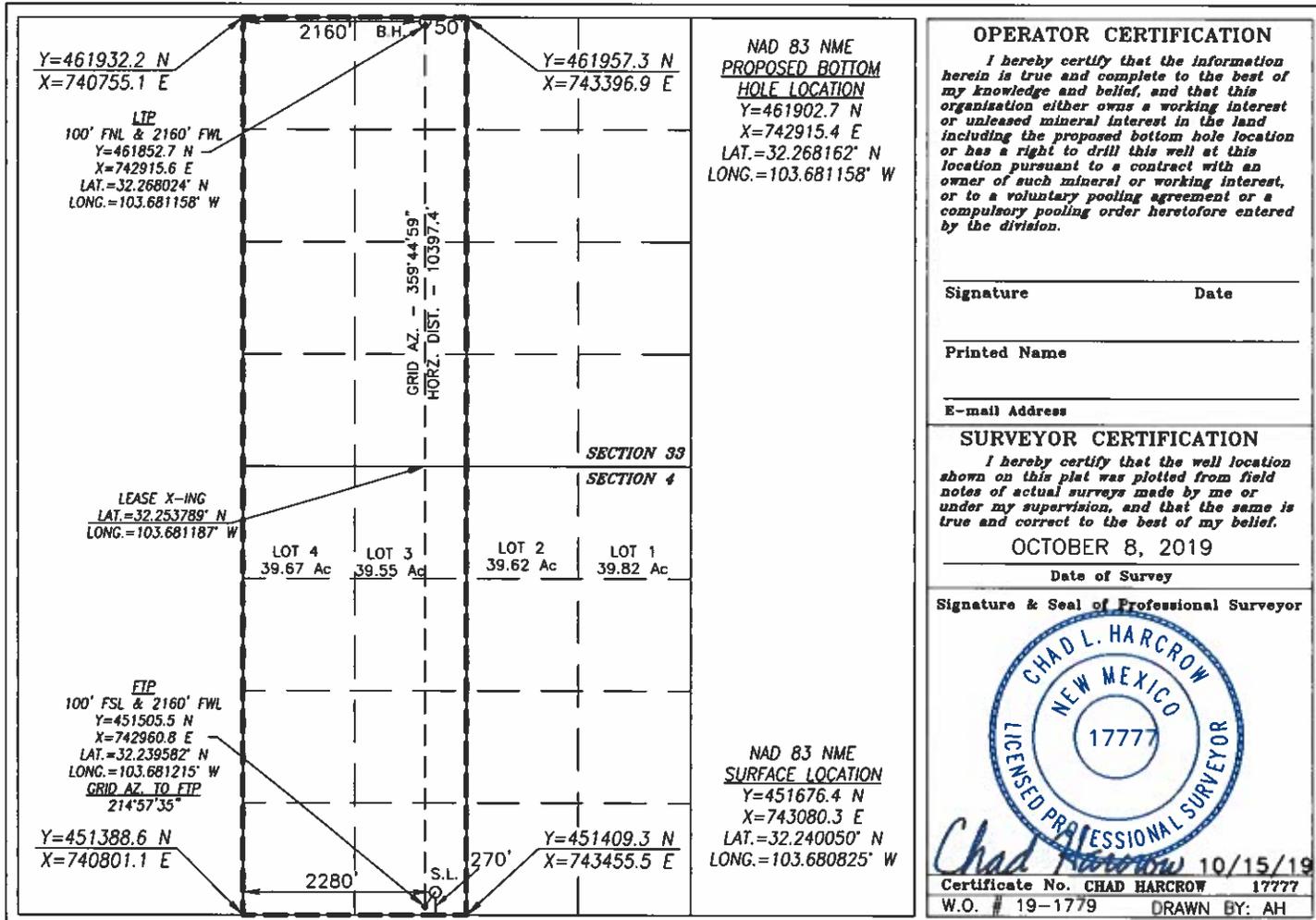
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	4	24-S	32-E		270	SOUTH	2280	WEST	LEA

**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.
-----------------	-----------------	--------------------	-----------

**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**



DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 80240  
Phone: (575) 393-6181 Fax: (575) 393-0780

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9780

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

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 <b>MASTIFF FEDERAL COM</b>	Well Number 309H
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>	Elevation 3637.6'

**Surface Location**

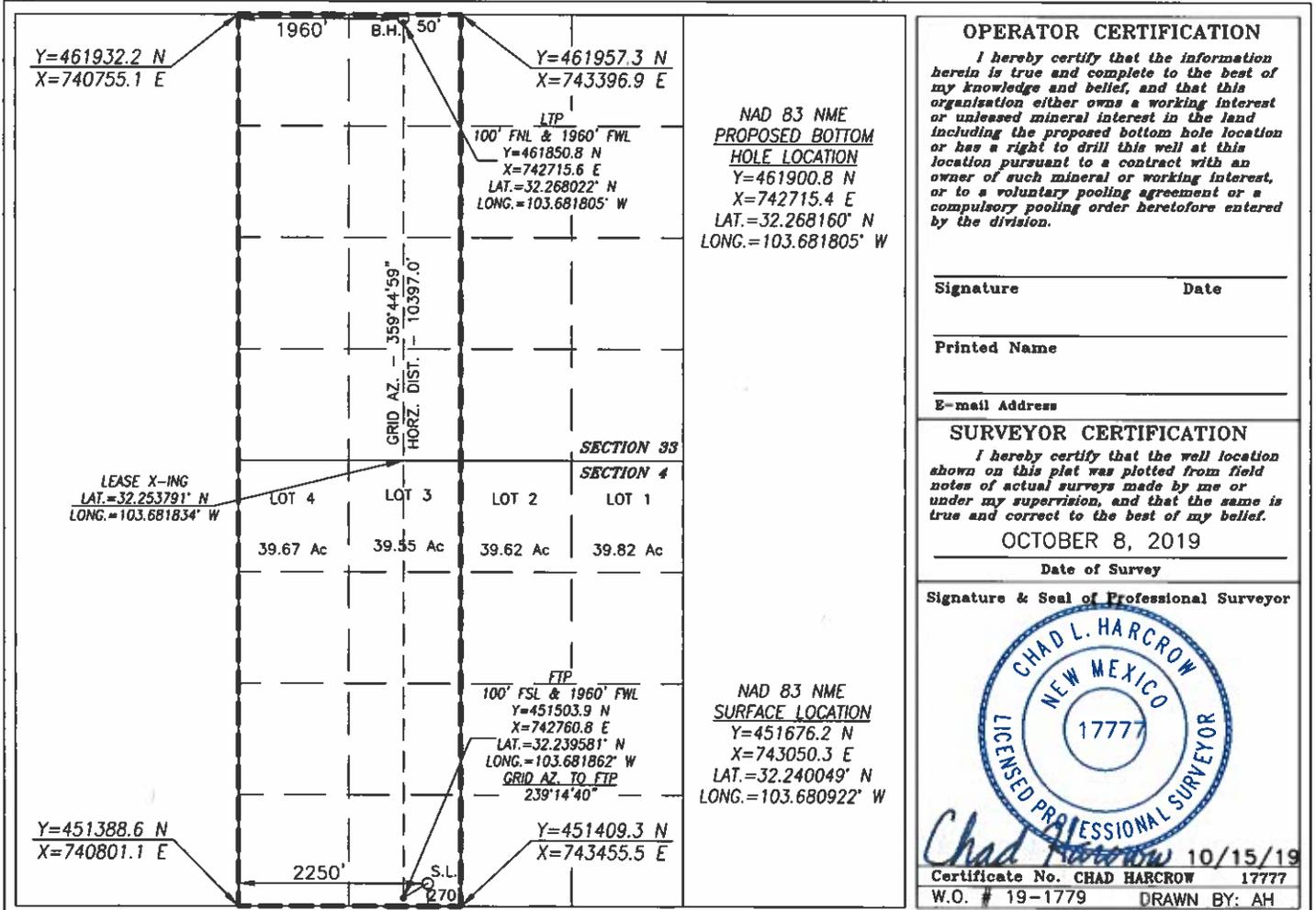
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	4	24-S	32-E		270	SOUTH	2250	WEST	LEA

**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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DISTRICT I  
1826 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 393-6181 Fax: (575) 393-0720

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

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

State of New Mexico  
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AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

**Surface Location**

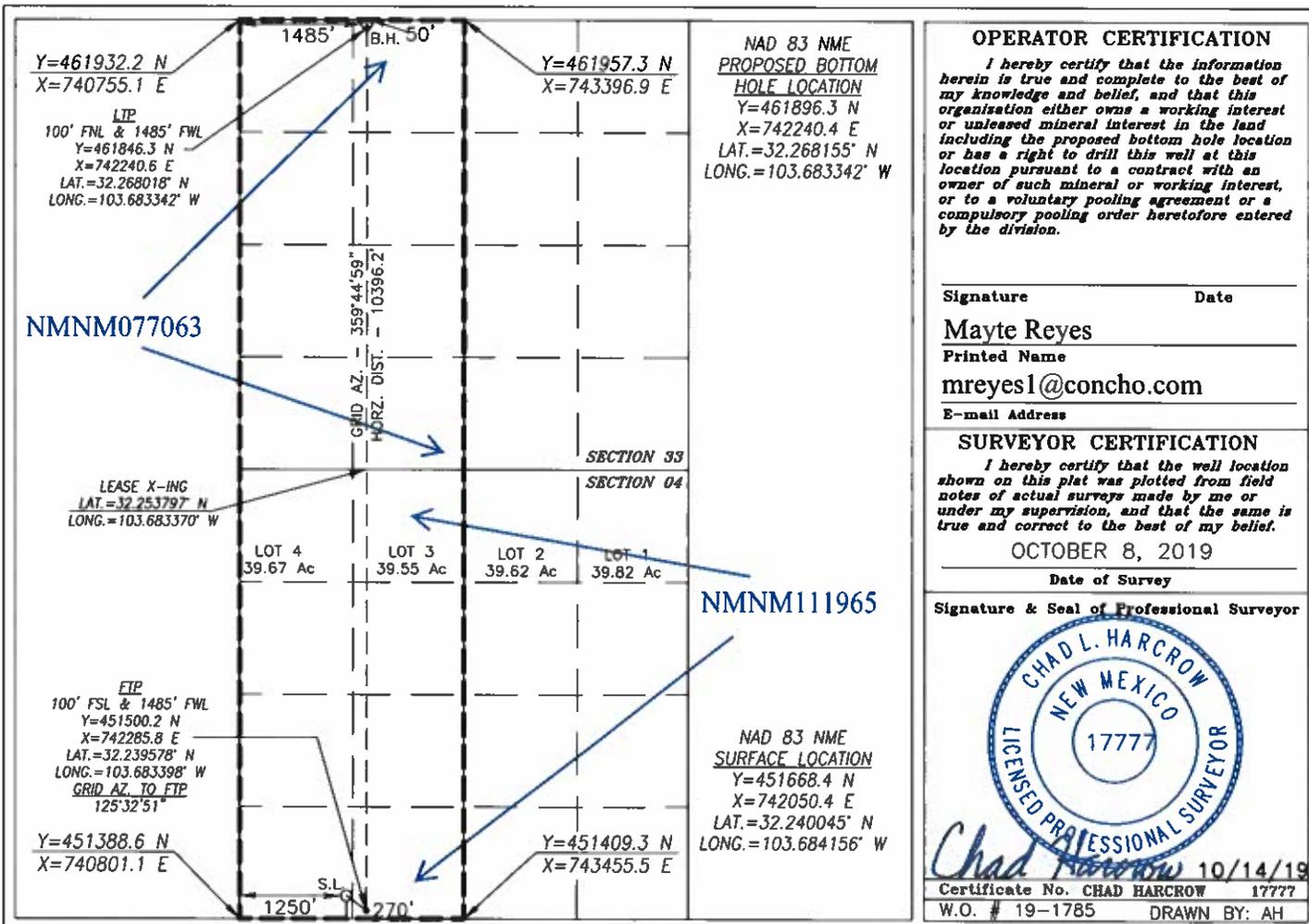
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	4	24-S	32-E		270	SOUTH	1250	WEST	LEA

**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	Joint or Infill	Consolidation Code	Order No.
<b>639</b>			

**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**



DISTRICT I  
1626 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) 746-9720

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) 476-3460 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  
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 <b>MASTIFF</b>	
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>	
		Well Number <b>505H</b>
		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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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

<p style="text-align: center;">SECTION 33 SECTION 4</p> <p style="text-align: center;">LOT 4      LOT 3      LOT 2      LOT 1</p> <p style="text-align: center;">39.67 Ac    39.55 Ac    39.62 Ac    39.82 Ac</p>	<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></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 style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></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 &amp; Seal of Professional Surveyor _____</p> <hr/> <p>Certificate No. <b>CHAD HARCROW 17777</b> W.O. #20-295      DRAWN BY: WN</p>
---	--



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) 748-1283 Fax: (575) 748-9720

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-8178 Fax: (505) 334-8170

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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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 <b>MASTIFF</b>	Well Number 507H
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>	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.

**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><b>OPERATOR CERTIFICATION</b></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>	
	Signature _____	Date _____
	Printed Name _____	
	E-mail Address _____	
<p><b>SURVEYOR CERTIFICATION</b></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>		
Date of Survey _____		
Signature & Seal of Professional Surveyor _____		
Certificate No. <b>CHAD HARCROW</b> 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  
1920 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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District Office

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

**Surface Location**

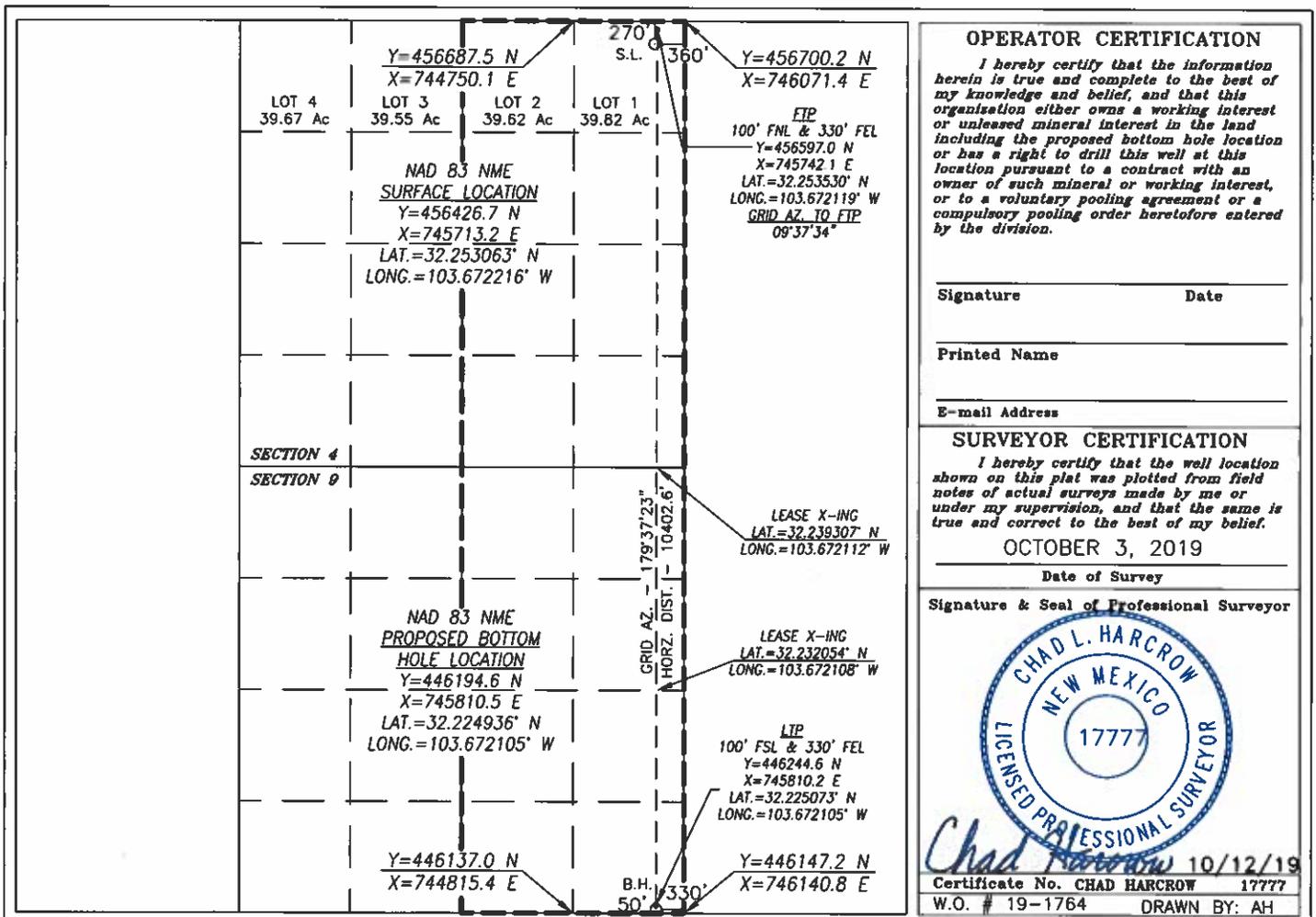
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	4	24-S	32-E		270	NORTH	360	EAST	LEA

**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.

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DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 80240  
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Phone: (575) 748-1283 Fax: (575) 748-9720

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

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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 <b>MASTIFF FEDERAL COM</b>	
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>	
	Well Number	702H
	Elevation	3678.0'

**Surface Location**

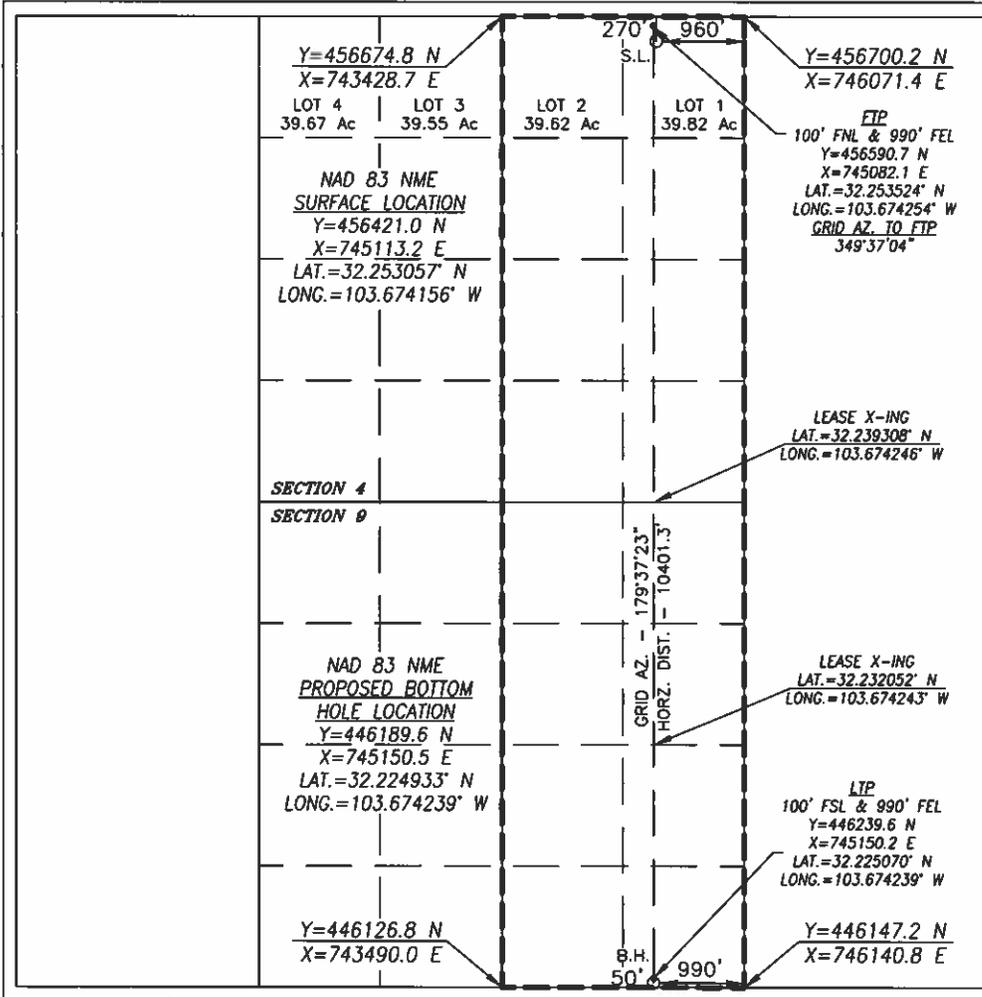
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	4	24-S	32-E		270	NORTH	960	EAST	LEA

**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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**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

Chad L. Harcrow 10/11/19

Certificate No. **CHAD HARCROW 17777**  
W.O. # 19-1769 DRAWN BY: WN

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 593-6161 Fax: (575) 593-0720

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) 334-8178 Fax: (505) 334-8170

DISTRICT IV  
1520 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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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 <b>MASTIFF FEDERAL COM</b>	
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>	
	Well Number 703H	Elevation 3683.6'

**Surface Location**

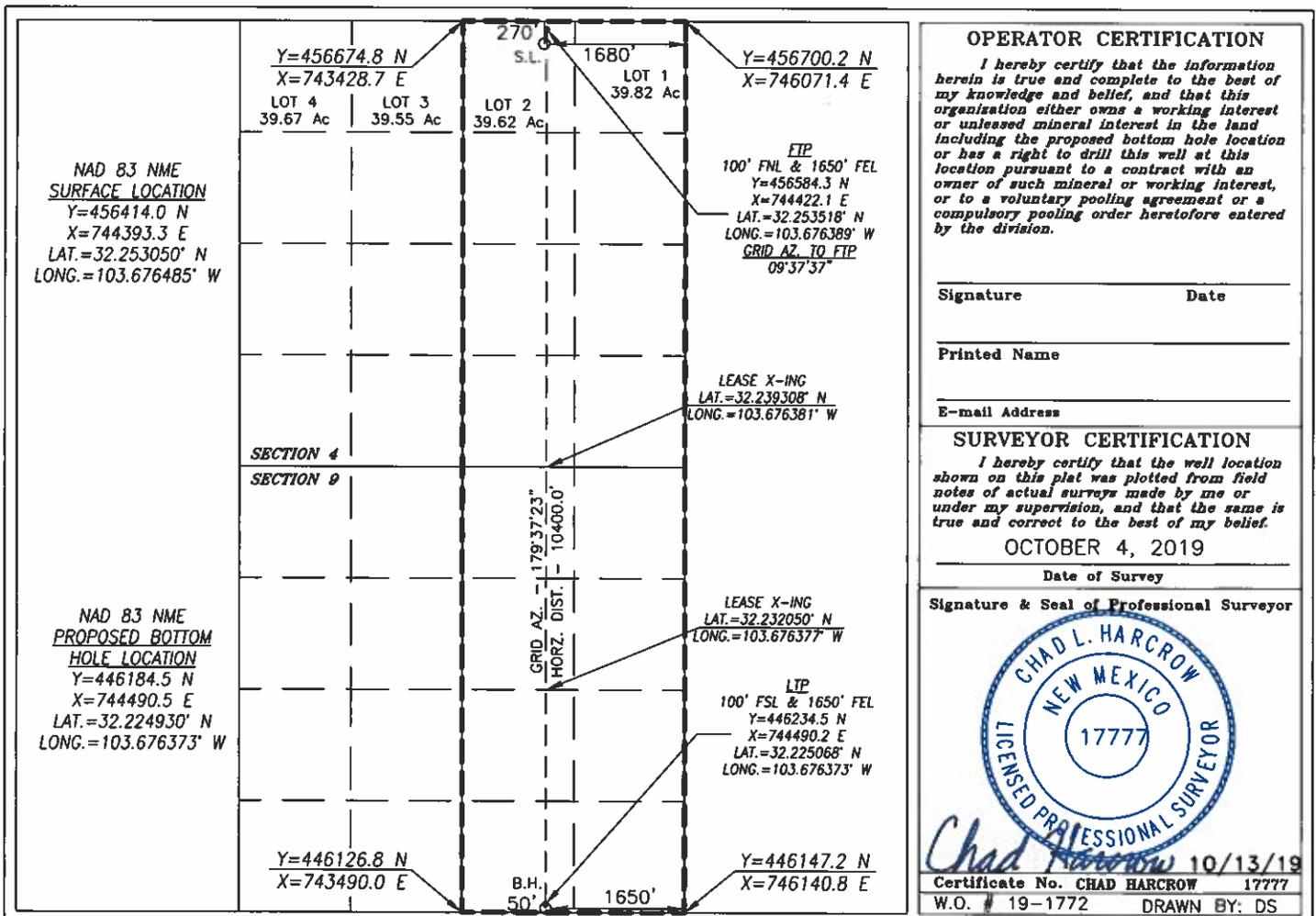
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	4	24-S	32-E		270	NORTH	1680	EAST	LEA

**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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DISTRICT I  
1825 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) 748-8720

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-8178 Fax: (505) 334-8170

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

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AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

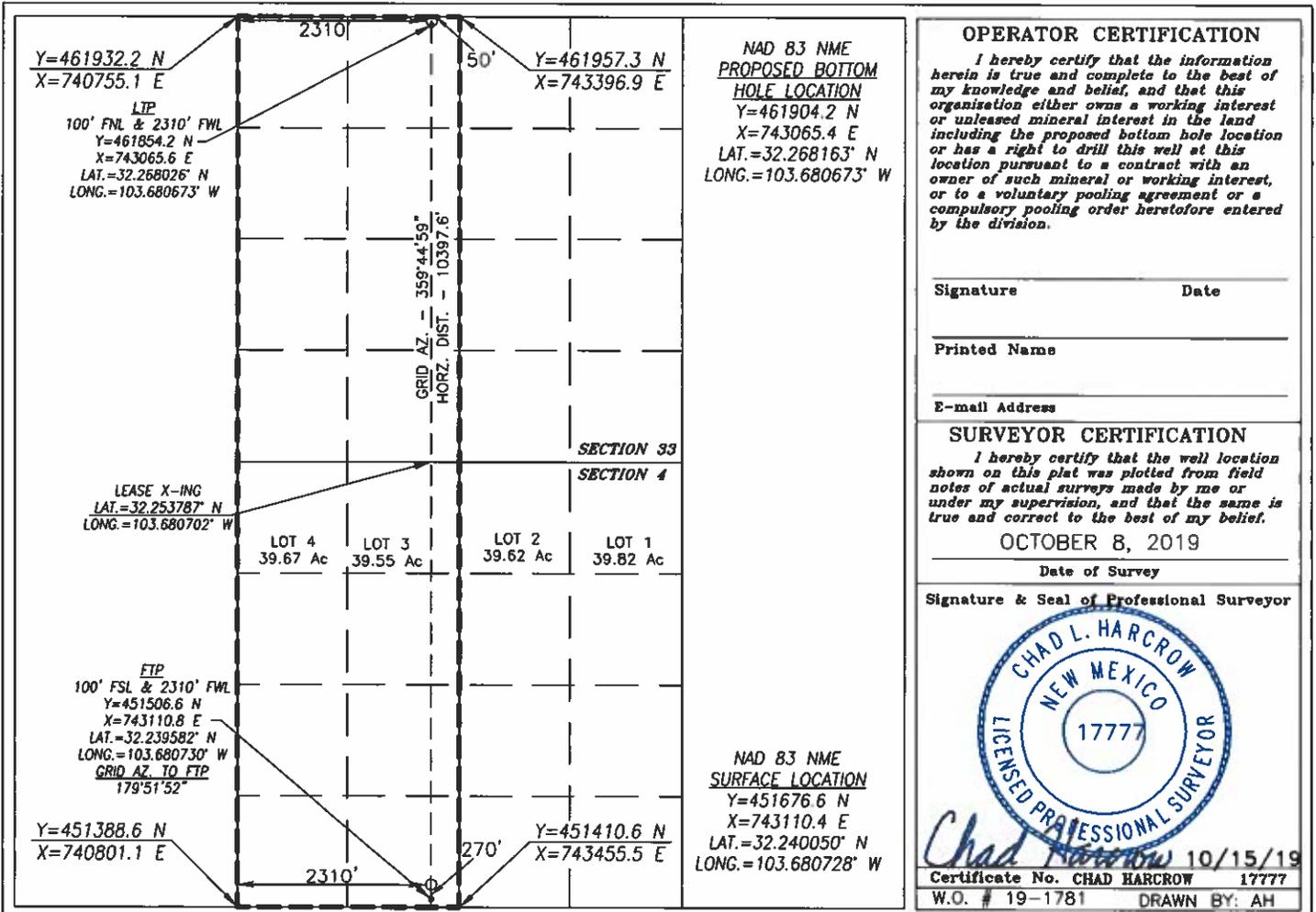
**Surface Location**

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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**APPLICATION OF COG OPERATING LLC**

**CASE NO. 20926**

DISTRICT I  
1825 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) 748-9720

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-8178 Fax: (505) 334-8170

DISTRICT IV  
1229 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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District Office

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number	Pool Code	Pool Name
Property Code	Property Name <b>MASTIFF FEDERAL COM</b>	
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>	
	Well Number 706H	Elevation 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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**FIP**  
100' FSL & 1650' FWL  
Y=451501.5 N  
X=742450.8 E  
LAT.=32.239579° N  
LONG.=103.682865° W  
GRID AZ. TO FIP  
114°16'57"

**LTP**  
100' FNL & 1650' FWL  
Y=461847.9 N  
X=742405.6 E  
LAT.=32.268019° N  
LONG.=103.682808° W

**PROPOSED BOTTOM HOLE LOCATION**  
Y=461897.9 N  
X=742405.4 E  
LAT.=32.268157° N  
LONG.=103.682808° W

**SURFACE LOCATION**  
Y=451668.6 N  
X=742080.4 E  
LAT.=32.240045° N  
LONG.=103.684059° W

**OPERATOR CERTIFICATION**

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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 8, 2019

Date of Survey

Signature & Seal of Professional Surveyor

**CHAD L. HARCROW**  
NEW MEXICO  
LICENSED PROFESSIONAL SURVEYOR  
17777

Chad Harcrow 10/14/19

Certificate No. CHAD HARCROW 17777  
W.O. # 19-1786 DRAWN BY: AH

DISTRICT I  
1626 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 393-6181 Fax: (575) 393-0720

DISTRICT II  
611 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) 334-8178 Fax: (505) 334-8170

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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AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

**Surface Location**

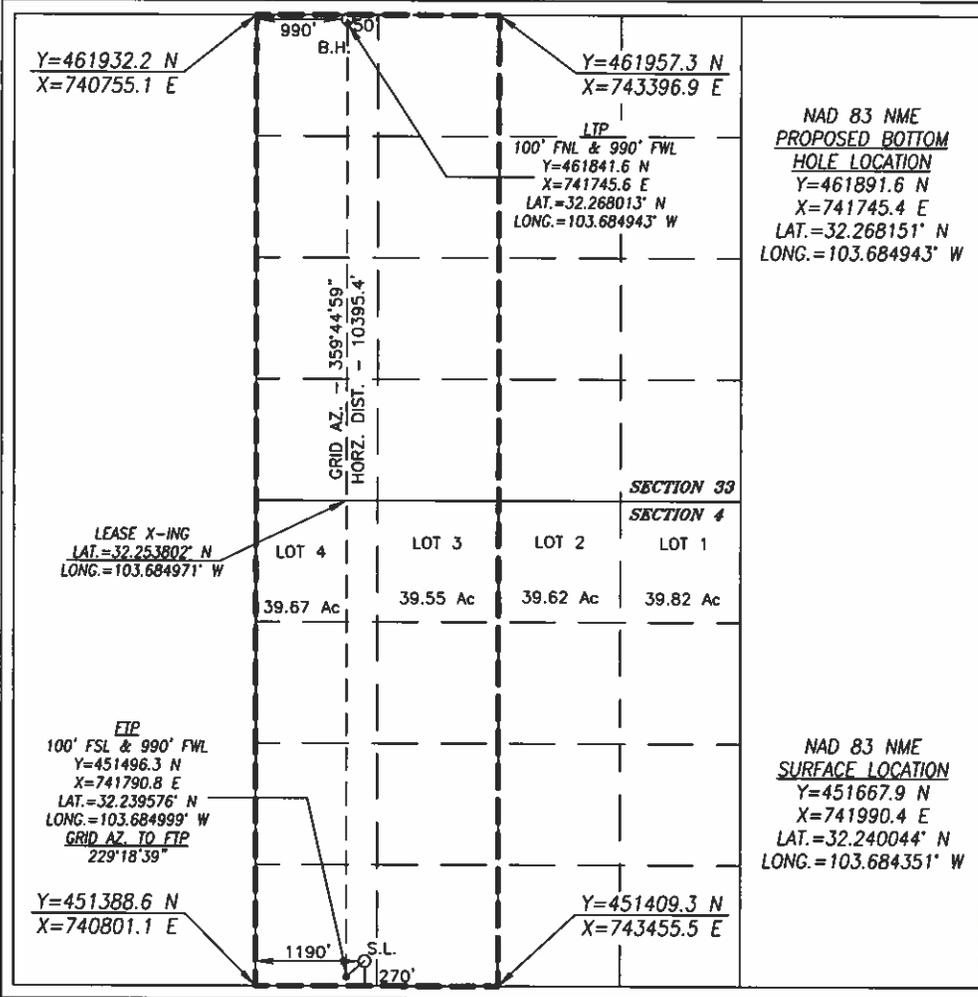
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	4	24-S	32-E		270	SOUTH	1190	WEST	LEA

**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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Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

E-mail Address \_\_\_\_\_

**SURVEYOR CERTIFICATION**  
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OCTOBER 8, 2019  
Date of Survey

Signature & Seal of Professional Surveyor

Chad L. Harcrow 10/14/19  
Certificate No. CHAD HARCROW 17777  
W.O. # 19-1783 DRAWN BY: AH

DISTRICT I  
1825 N. FRENCH DR., HOBBS, NM 88240  
Phone: (576) 393-8161 Fax: (576) 393-9720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (576) 746-1283 Fax: (576) 746-9720

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-8178 Fax: (505) 334-8170

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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AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

**Surface Location**

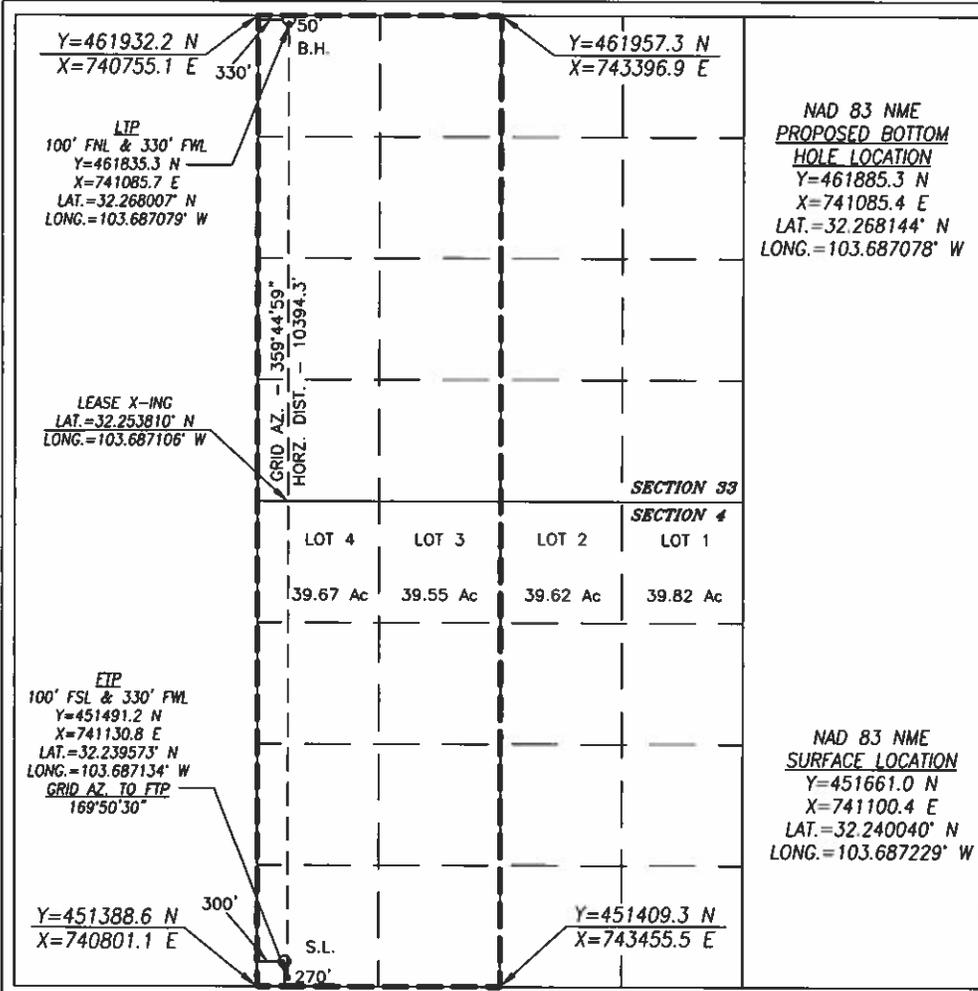
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	4	24-S	32-E		270	SOUTH	300	WEST	LEA

**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.

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**OPERATOR CERTIFICATION**  
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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 7, 2019  
Date of Survey

Signature & Seal of Professional Surveyor

Chad L. HARCROW 10/15/19  
Certificate No. CHAD HARCROW 17777  
W.O. # 19-1787 DRAWN BY: DS

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

DISTRICT II  
 611 S. FIRST ST., ARTESIA, NM 88210  
 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  
 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  
 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 <b>MASTIFF</b>	
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>	
		Well Number 709H
		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 style="text-align: center;"><b>OPERATOR CERTIFICATION</b></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 style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></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 &amp; Seal of Professional Surveyor _____</p> <p>Certificate No. CHAD HARCROW 17777        W.O. #20-??? DRAWN BY: WN</p>
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# COG Operating, LLC—Mastiff Federal Com Wells

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

Section 33: W/2

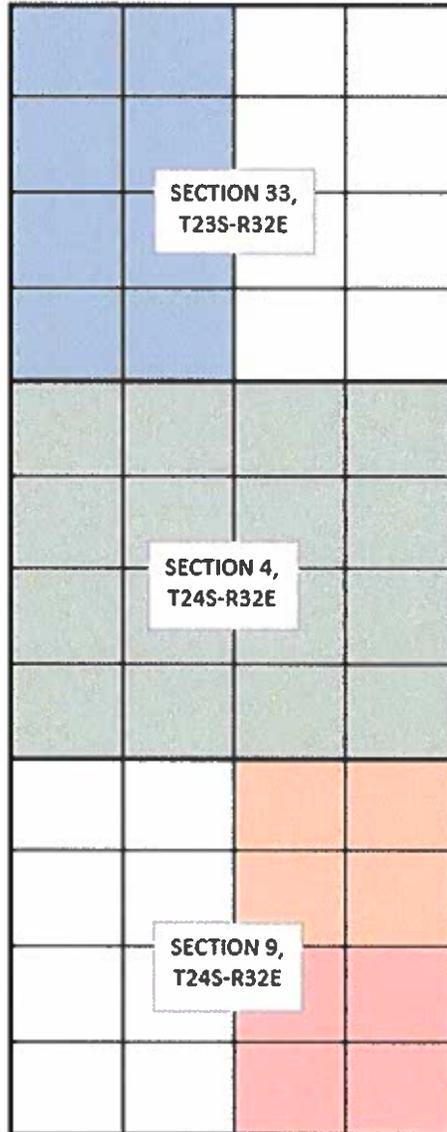
Township 24 South- Range 32 East, N.M.P.M.

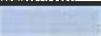
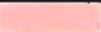
Section 4: ALL

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%
<b>Total:</b>	<b>100.000000%</b>

**Participating Parties**

Parties We Seek to Pool

**Tract 2 (Lease #2): Section 4: ALL (640.00 Acres more or less), T24S-R32E**

<b>(WI) COG Operating LLC</b>	<b>100.000000%</b>
Total	100.000000%

**Participating Parties**

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

<b>(WI) COG Operating LLC</b>	<b>100.000000%</b>
Total	100.000000%

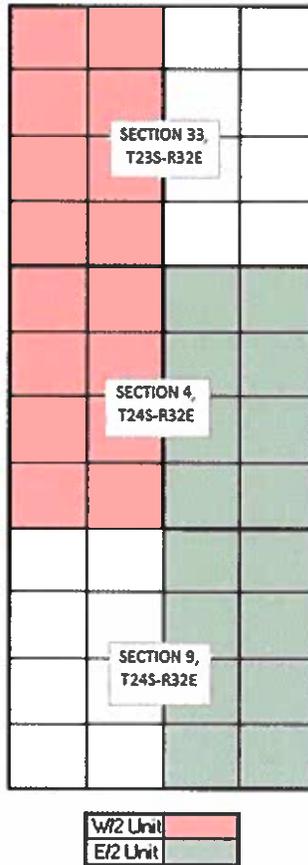
**Participating Parties**

**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%
<b>Total:</b>	<b>100.000000%</b>

**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**

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

**Participating Parties**  
Parties We Seek to Pool

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

<b>(WI) COG Operating LLC</b>	<b>75.000000%</b>
(WI) EOG Resources Inc.	18.750000%
(WI) First Roswell Ltd.	5.2083333%
(WI) Thomas E. Jennings	1.0416667%
<b>Total:</b>	<b>100.000000%</b>

**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

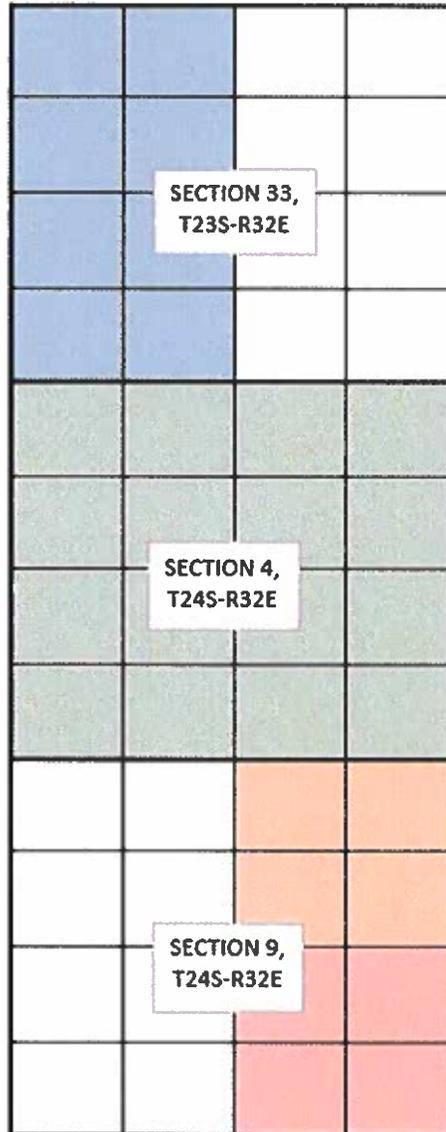
Township 24 South- Range 32 East, N.M.P.M.

Section 4: ALL

Section 9: E/2

Lea County, New Mexico

Limited in Depth to the Wolfcamp Formation



TRACT 1	Blue
TRACT 2	Green
TRACT 3	Orange
TRACT 4	Red

**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%
<b>Total:</b>	<b>100.000000%</b>

**Participating Parties**

Parties We Seek to Pool

**Tract 2 (Lease #2): Section 4: ALL (640.00 Acres more or less), T24S-R32E**

<b>(WI) COG Operating LLC</b>	<b>100.000000%</b>
Total	100.000000%

**Participating Parties**

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

<b>(WI) COG Operating LLC</b>	<b>100.000000%</b>
Total	100.000000%

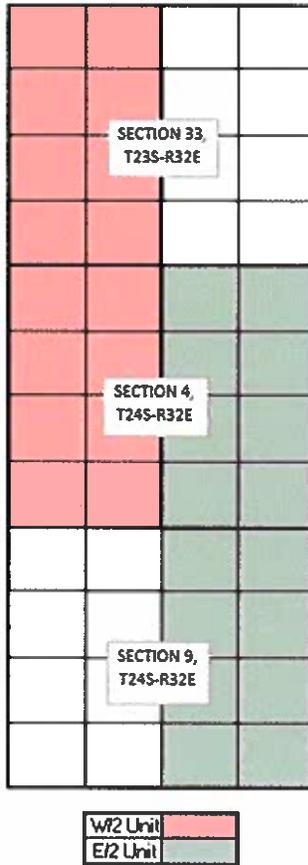
**Participating Parties**

**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%
<b>Total:</b>	<b>100.000000%</b>

**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**

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

**Participating Parties**  
Parties We Seek to Pool

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

<b>(WI) COG Operating LLC</b>	<b>75.000000%</b>
(WI) EOG Resources Inc.	18.750000%
(WI) First Roswell Ltd.	5.2083333%
(WI) Thomas E. Jennings	1.0416667%
<b>Total:</b>	<b>100.000000%</b>

**Participating Parties**  
Parties We Seek to Pool

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

DISTRICT II  
611 S. FIRST ST., ARTESIA, NM 88210  
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  
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  
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 <b>MASTIFF</b>	
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>	
		Well Number 710H
		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  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></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> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></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 &amp; Seal of Professional Surveyor _____</p> <hr/> <p>Certificate No. CHAD HARCROW 17777 W.O. #20-??? DRAWN BY: WN</p>
--	--



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.

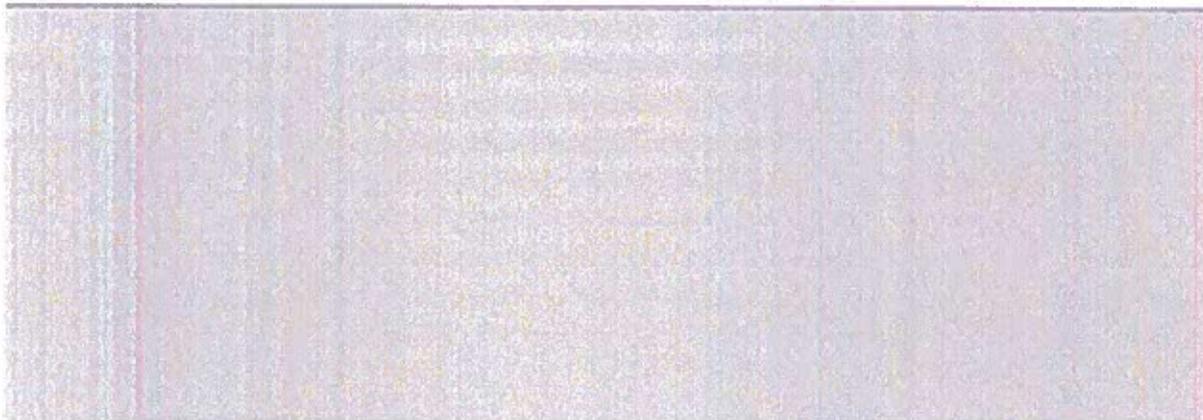
Company: EOG Resources Inc.

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: **Buildog 2432 (717113)**  
 STATE & COUNTY: **New Mexico, Lee**  
 OBJECTIVE: **Drill and Complete**  
 DEPTH: **22,860**  
 TVD: **12,300**

INTANGIBLE COSTS		Drig - Rig Release(D)	Completion(C)	Tank Bttv Constructn(TB)	Prmp Equipment(PEQ)	TOTAL
Title/Curtain/Perms	201	20,000				20,000
Insurance	202	2,000	302			2,500
Damages/Right of Way	203	20,000	303	351		20,000
Survey/Strike Location	204	7,000		352		7,000
Location/Pits/Road Expense	205	135,000	305	363	46,000	190,000
Drilling / Completion Overhead	208	11,100	308			28,100
Turnkey Contract	207	0				0
Footage Contract	208	0				0
Daywork Contract	209	823,000				823,000
Directional Drilling Service	210	442,000				442,000
Frac Equipment			307			1,418,000
Frac Chemicals			308			473,000
Frac Proppant			309			814,000
Frac Proppant Transportation			310			389,000
Fuel & Power	211	211,000	311	354	367	279,000
Water	212	80,000	312		368	1,028,000
Bits	213	111,000	313		369	116,500
Mud & Chemicals	214	275,000	314		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 Grout & Other (GChoff Plug)	220	0			371	0
Fleet Equipment & Operators	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		11,400
Contract Labor	225	8,500	325	358	374	156,835
Company Supervision	226	86,800	326	367	375	81,800
Contract Supervision	227	157,000	327	359	376	417,000
Testing Casing/Tubing	228	30,000	328	360	377	38,000
Mud Logging Unit	229	62,000	329			62,000
Logging	230	0			378	0
Perforating/Wireline Services	231	4,000	331		379	642,000
Stimulation/Tracing			332		380	397,000
Completion Unit			333		381	148,800
Swabbing Unit			334		382	0
Rentals-Surface	235	190,000	335	359	383	600,000
Rentals-Subsurface	236	150,000	336		384	180,000
Trucking/Facility/Rig Mobilization	237	200,000	337	360	385	223,000
Wellbore Services	238	3,000	338	361	386	8,000
Water Disposal	239	0	339	362	387	185,000
Plug to Abandon	240	0	340			0
Seismic Analysis	241	0	341			0
Miscellaneous	242	0	342		389	0
Contingency	243	89,000	343	363	390	319,000
Closed Loop & Environmental	244	330,000	344	364	388	335,000
Dyed Diesel	245		345			484,000
Coil Tubing			348			750,000
Flowback Crews & Equip			347			48,000
Offset Directional/Frac	248		348		381	0
<b>TOTAL INTANGIBLES</b>		<b>3,840,100</b>	<b>7,615,500</b>	<b>302,935</b>	<b>30,300</b>	<b>11,788,835</b>
<b>TANGIBLE COSTS</b>						
Surface Casing	401	52,000				52,000
Intermediate Casing	402	656,000				656,000
Production Casing/Liner	403	518,000				618,000
Tubing			504		530	57,000
Wellhead Equipment	405	75,000	505		531	100,000
Pumping Unit					506	98,000
Prime Mover					507	0
Rods					508	35,000
Pumps-Sub Surface (BH)			509		532	8,000
Tanks				510		63,645
Flowlines				511		28,583
Header Treater/Separator				512		140,007
Electrical System				513		130,000.00
Packers/Anchors/Pingers	414		514		533	15,000
Couplings/Rings/Valves	415			515		2,000
Dehydration				517		102,282
Injection Plant/CO2 Equipment				518		0
Purge Surface				521		3,000
Instrumentation/SCADA/POC				522		10,482
Miscellaneous	419		519		529	7,000
Contingency	420		520		535	3,241
Materials/LACT				534		0
Pipes/Combs/Emulsion				535		25,156
Gas Lift/Compression				536		23,684
Gas Lift/Compression			527		536	75,000
<b>TOTAL TANGIBLES</b>		<b>1,198,000</b>	<b>155,030</b>	<b>861,890</b>	<b>171,000</b>	<b>2,118,020</b>
<b>TOTAL WELL COSTS</b>		<b>5,038,100</b>	<b>7,771,000</b>	<b>894,825</b>	<b>201,300</b>	<b>13,904,855</b>

COG Operating LLC % of Total Well Cost

Date Prepared: 10/19/18

We approve: % Working Interest

COG Operating LLC *ACR*

Company: By:

By: MB

Printed Name: Title: Date:

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

5/7/2019

<https://concho.sendproenterprise.com/Composer/XmlRequest/GetShipLabel?guid=16471e3b-1d45-4753-8453-82ff2737711&pagenumber...>

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**

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

	<b>Drig - Rig Release(D)</b>	<b>Completion(C)</b>	<b>Tank Btty Constrctn(TB)</b>	<b>Pmoa Equipment(PEQ)</b>	<b>TOTAL</b>
<b>INTANGIBLE COSTS</b>					
TeleCurative/Permit	201	20,000			20,000
Insurance	202	2,500	302		2,500
Damages/Right of Way	203	20,000	303		20,000
Survey/State Location	204	7,000	352		7,000
Location/Pits/Road Expense	205	135,000	305	10,000	190,000
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	211	98,000	311	68,000	166,000
Water	212	60,000	312	1,019,000	1,079,000
BAs	213	92,000	313	12,000	104,000
Mud & Chemicals	214	70,000	314	20,000	90,000
Drill Stem Test	215	0	315		0
Coring & Analysis	216	0			0
Cement Surface	217	25,500			25,500
Cement Intermediate	218	35,000			35,000
Cement 2nd Intermediate/Production	219	130,000			130,000
Cement Squeeze & Other (Kickoff Plug)	220	0			0
Float Equipment & Contractors	221	32,500			32,500
Casing Cretes & Equipment	222	39,000			39,000
Fishing Tools & Service	223	0	323		0
Geologic/Engineering	224	6,000	324		6,000
Contract Labor	225	6,500	325		6,500
Company Supervision	226	32,400	326		47,400
Contract Supervision	227	85,000	327		272,000
Testing Casing/Tubing	228	30,000	328		35,000
Mud Logging Unit	229	28,000	329		28,000
Logging	230	0			0
Perforating/Wireline Services	231	4,000	331		542,000
Simulation/Treating		332	12,000		12,000
Completion Unit		333	90,000		98,800
Swabbing Unit		334			0
Rentals-Surface	235	125,000	335	455,000	598,000
Rentals-Subsurface	236	110,000	336	80,000	190,000
Trucking/Forklift/Rig Mobilization	237	200,000	337	42,000	243,000
Welding Services	238	3,000	338	5,000	8,000
Water Disposal	239	0	339	62,000	195,000
Plug to Abandon	240	0	340		0
Seismic Analysis	241	0	341		0
Miscellaneous	242	0	342		0
Contingency	243	42,000	343	250,000	292,000
Closed Loop & Environmental	244	220,000	344	5,000	225,000
Dyed Diesel	245		345	484,000	
Coil Tubing			346		0
Flowback Crawls & Equip			347	48,000	48,000
Offset Directional/Frac	248		348		0
<b>TOTAL INTANGIBLES</b>		<b>2,346,900</b>	<b>6,198,000</b>	<b>302,935</b>	<b>8,878,135</b>
<b>TANGIBLE COSTS</b>					
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		57,030
Wellhead Equipment	405	62,000	505	18,700	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	145,000
Packers/Anchors/Hangers	414	514	65,000	534	67,000
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	523	5,241	8,241
Contingency	420	520	524		0
Meters/LACT			525	25,156	25,156
Fibers/Combustors/Emission			526	23,584	23,584
Gas Lift/Compression		527	11,000	516	71,000
<b>TOTAL TANGIBLES</b>		<b>609,000</b>	<b>146,730</b>	<b>591,990</b>	<b>1,518,720</b>
<b>TOTAL WELL COSTS</b>		<b>2,955,900</b>	<b>6,344,000</b>	<b>894,925</b>	<b>10,398,655</b>

<b>COG Operating LLC</b>	<b>% of Total Well Cost</b>	<b>28%</b>	<b>61%</b>	<b>9%</b>	<b>2%</b>
--------------------------	-----------------------------	------------	------------	-----------	-----------

Date Prepared: 10/18/18

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,

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

Adam Reker, MBA, RPL  
Landman - COG Operating LLC  
[areker@concho.com](mailto: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.

**Thomas E. Jennings**  
Company: \_\_\_\_\_

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](mailto:areker@concho.com)



**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 20<sup>th</sup> 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](mailto: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

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 Adult Signature Required \$ \_\_\_\_\_  
 Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage

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

Postmark  
 Here  
 NOV 22 2019

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 Adult Signature Required \$ \_\_\_\_\_  
 Adult Signature Restricted Delivery \$ \_\_\_\_\_

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

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 NOV 22 2019

PS Form 3800, April 2015 PSN 7530-02-000-90A7

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

9590 9402 4583 8278 4405 77

7018 2290 0000 3423 0810

COMPLETE THIS SECTION ON DELIVERY

A. Signature *Thomas E. Jennings*  Agent  Addressee  
 B. Received by (Printed Name) THOMAS E. JENNINGS  
 C. Date of Delivery 25 NOV 2019  
 D. Is delivery address different from item 1?  Yes  No  
 If YES, enter delivery address below:

3. Service Type  
 Adult Signature  
 Adult Signature Restricted Delivery  
 Certified Mail<sup>®</sup>  
 Certified Mail Restricted Delivery  
 Collect on Delivery  
 Delivery Restricted Delivery  
 All Restricted Delivery  
 Priority Mail Express<sup>®</sup>  
 Registered Mail<sup>™</sup>  
 Registered Mail Restricted Delivery  
 Return Receipt for Merchandise  
 Signature Confirmation<sup>™</sup>  
 Signature Confirmation Restricted Delivery  
 (over \$500)

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

9590 9402 4583 8278 4405 60

7018 2290 0000 3423 0827

COMPLETE THIS SECTION ON DELIVERY

A. Signature *Thomas E. Jennings*  Agent  Addressee  
 B. Received by (Printed Name) THOMAS E. JENNINGS  
 C. Date of Delivery 25 NOV 2019  
 D. Is delivery address different from item 1?  Yes  No  
 If YES, enter delivery address below:

3. Service Type  
 Adult Signature  
 Adult Signature Restricted Delivery  
 Certified Mail<sup>®</sup>  
 Certified Mail Restricted Delivery  
 Collect on Delivery  
 Delivery Restricted Delivery  
 All Restricted Delivery  
 Priority Mail Express<sup>®</sup>  
 Registered Mail<sup>™</sup>  
 Registered Mail Restricted Delivery  
 Return Receipt for Merchandise  
 Signature Confirmation<sup>™</sup>  
 Signature Confirmation Restricted Delivery  
 Domestic Return Receipt

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

Domestic Return Receipt

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- Extra Services & Fees (check box, add fee as appropriate)
- Return Receipt (hardcopy) \$2
- Return Receipt (electronic) \$2
- Certified Mail Restricted Delivery \$3
- Adult Signature Required \$1
- Adult Signature Restricted Delivery \$3

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

7018 2290 0000 3423 0803

**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  Agent  
 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
- Adult Signature
  - Adult Signature Restricted Delivery
  - Certified Mail®
  - Certified Mail Restricted Delivery
  - Collect on Delivery
  - Delivery Restricted Delivery
  - Registered Mail™
  - Registered Mail Restricted Delivery
  - Return Receipt for Merchandise
  - Signature Confirmation™
  - Signature Confirmation Restricted Delivery
  - Priority Mail Express®
  - Registered Mail™
  - Return Receipt for Merchandise
  - Signature Confirmation™
  - 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](mailto: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

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Return Receipt (electronic) \$ \_\_\_\_\_

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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Return Receipt (electronic) \$ \_\_\_\_\_

Certified Mail Restricted Delivery \$ \_\_\_\_\_

Adult Signature Required \$ \_\_\_\_\_

Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage \$ \_\_\_\_\_



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

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



9590 9402 4583 8278 4406 07

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

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

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**A. Signature** *[Signature]*  Agent

**B. Received by (Printed Name)** THOMAS E. JENNINGS **C. Date of Delivery** 25 NOV 2018

**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  Delivery Restricted Delivery  Signature Confirmation™

Restricted Delivery  Signature Confirmation 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



9590 9402 4583 8278 4405 91

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

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

**COMPLETE THIS SECTION ON DELIVERY**

**A. Signature** *[Signature]*  Agent

**B. Received by (Printed Name)** THOMAS E. JENNINGS **C. Date of Delivery** 25 NOV 2018

**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  Delivery Restricted Delivery  Signature Confirmation™

Insured Mail  Restricted Delivery  Signature Confirmation Restricted Delivery

Domestic Return Receipt

7018 2290 0000 3423 0834

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For delivery information, visit our website at [www.usps.com](http://www.usps.com)®

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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 3810, 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

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- all Restricted Delivery
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Return Receipt for Merchandise
- Signature Confirmation™
- 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](mailto: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

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

Return Receipt (hardcopy) \$ 2.80

Return Receipt (electronic) \$ 0.00

Certified Mail Restricted Delivery \$ 0.00

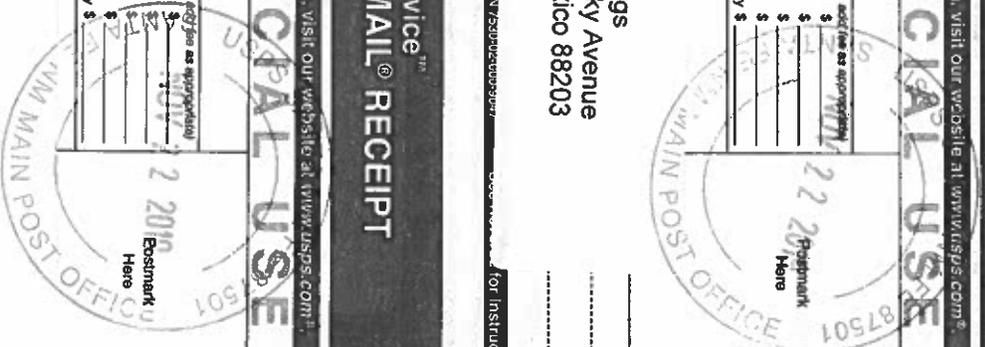
Adult Signature Required \$ 0.00

Adult Signature Restricted Delivery \$ 0.00

Postage \$ 0.00

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

PS Form 3800, April 2015 PSN 7530-02-000-9055 for instructions



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**OFFICIAL USE**

**Certified Mail Fee**

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

Return Receipt (hardcopy) \$ 2.80

Return Receipt (electronic) \$ 0.00

Certified Mail Restricted Delivery \$ 0.00

Adult Signature Required \$ 0.00

Adult Signature Restricted Delivery \$ 0.00

Postage \$ 0.00

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

PS Form 3800, April 2015 PSN 7530-02-000-9055 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.

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



Article Number (Transfer from previous label)  
 7018 2290 0000 3423 0780

PS Form 3811, July 2015 PSN 7530-02-000-9055

**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 7530-02-000-9055

PLACE STICKER AT TOP OF MAILPIECE TO THE RIGHT OF THE RETURN ADDRESS. FOLD DOTTED LINE.

ON DELIVERY

**A. Signature**  
 [Signature]  
 Agent

**B. Received by (Printed Name)**  
 THOMAS E. JENNINGS

**C. Date of Delivery**  
 25 NOV 2016

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

**3. Service Type**

Adult Signature  
 Adult Signature Restricted Delivery  
 Certified Mail®  
 Certified Mail Restricted Delivery  
 Collect on Delivery  
 Collect on Delivery Restricted Delivery  
 All Restricted Delivery

Priority Mail Express®  
 Registered Mail™  
 Registered Mail Restricted Delivery  
 Return Receipt for Merchandise  
 Signature Confirmation™  
 Signature Confirmation Restricted Delivery

**COMPLETE THIS SECTION ON DELIVERY**

**A. Signature**  
 [Signature]  
 Agent

**B. Received by (Printed Name)**  
 THOMAS E. JENNINGS

**C. Date of Delivery**  
 25 NOV 2016

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

**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

Domestic Return Receipt

7018 2290 0000 3423 0773

U.S. Postal Service™  
CERTIFIED MAIL® RECEIPT  
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OFFICIAL USE

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**Certified Mail Fee**

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

Return Receipt (hardcopy) \$

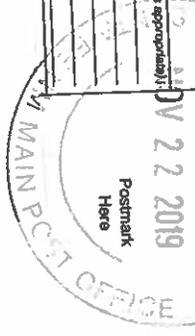
Return Receipt (electronic) \$

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



7018 2290 0000 3423 0773

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

INTERNATIONAL DELIVERY ADDRESSES RETURN TO THE OFFICE OF THE ATTORNEY GENERAL, U.S. DEPARTMENT OF JUSTICE, 401 MARYLAND AVENUE, N.W., WASHINGTON, D.C. 20540

A. Signature  Agent

B. Received by (Printed Name)  Addressee  
Sim Conzel 11-27-19

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

3. Service Type

Adult Signature

Adult Signature Restricted Delivery

Certified Mail®

Certified Mail Restricted Delivery

Collect on Delivery

Collect on Delivery Restricted Delivery

Restricted Delivery

Priority Mail Express®

Registered Mail™

Registered Mail Restricted Delivery

Return Receipt for Merchandise

Signature Confirmation™

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. 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](mailto: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 0766

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Certified Mail Fee \$  
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 Return Receipt (hardcopy) \$  
 Return Receipt (electronic) \$  
 Certified Mail Restricted Delivery \$  
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 Adult Signature Restricted Delivery \$  
 Postage \$

Postmark Here  
 NOV 22 2019  
 MAIN POST OFFICE

PS Form 3800, April 2015 PSN 7530-02-000-9057 See Reverse for Instructions

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

7018 2290 0000 3423 0759

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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 \$

Postmark Here  
 NOV 22 2019  
 MAIN POST OFFICE

PS Form 3800, April 2015 PSN 7530-02-000-9057 See Reverse for Instructions

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

SENDER: COMP

- 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

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

ON DELIVERY

A. Signature  
 B. Received by (Printed Name)  
 THOMAS E. JENNINGS  
 C. Date of Delivery  
 25 NOV 20

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

3. Service Type  
 Adult Signature  
 Adult Signature Restricted Delivery  
 Certified Mail®  
 Certified Mail Restricted Delivery  
 Collect on Delivery  
 Collect on Delivery Restricted Delivery  
 Restricted Delivery

Priority Mail Express®  
 Registered Mail™  
 Registered Mail Restricted Delivery  
 Return Receipt for Merchandise  
 Signature Confirmation™  
 Signature Confirmation Restricted Delivery

Domestic Return Receipt

SENDER: COM

- 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 55

7018 2290 0000 3423 0766

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

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

ON DELIVERY

A. Signature  
 B. Received by (Printed Name)  
 THOMAS E. JENNINGS  
 C. Date of Delivery  
 25 NOV 2019

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

3. Service Type  
 Adult Signature  
 Adult Signature Restricted Delivery  
 Certified Mail®  
 Certified Mail Restricted Delivery  
 Collect on Delivery  
 Collect on Delivery Restricted Delivery  
 Restricted Delivery

Priority Mail Express®  
 Registered Mail™  
 Registered Mail Restricted Delivery  
 Return Receipt for Merchandise  
 Signature Confirmation™  
 Signature Confirmation Restricted Delivery

Domestic Return Receipt

7018 2290 0000 3423 0742

U.S. Postal Service  
CERTIFIED MAIL® RECEIPT

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OFFICIAL USE

For delivery information, visit our website at [www.usps.com](http://www.usps.com)

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 \$



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

**CERTIFIED MAIL®**  
SENDER: COMPLETE THIS SECTION  
PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

- 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



Article Number (Transfer from service label)  
7018 2290 0000 3423 0742

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

LIVERY

A. Signature *[Signature]*  Agent  
 B. Received by (Printed Name) *Sim Annel*  Addressee  
 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
- Adult Signature
  - Adult Signature Restricted Delivery
  - Certified Mail®
  - Certified Mail Restricted Delivery
  - Collect on Delivery
  - Collect on Delivery Restricted Delivery
  - All Restricted Delivery
  - Priority Mail Express®
  - Registered Mail™
  - Registered Mail Restricted Delivery
  - Return Receipt for Merchandise
  - Signature Confirmation™
  - Signature Confirmation Restricted Delivery

Domestic Return Receipt

# Affidavit of Publication

STATE OF NEW MEXICO  
COUNTY OF LEA

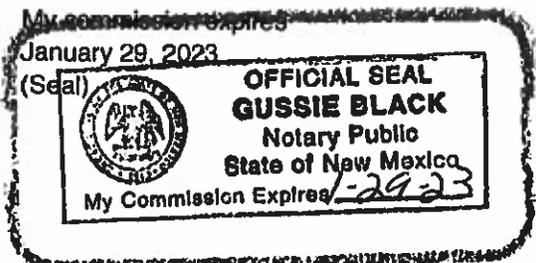
I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

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 LEGAL LEGAL

**LEGAL NOTICE  
DECEMBER 4, 2019**

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

The State of New Mexico through its Oil Conservation Division hereby gives notice pursuant to law and the Rules and Regulations of the Division of the following public hearing to be held at 8:15 A.M. on December 12, 2019, in Porter Hall, the Oil Conservation Division Hearing Room, 1st Floor, 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.emnr.state.nm.us/OCD/](http://www.emnr.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

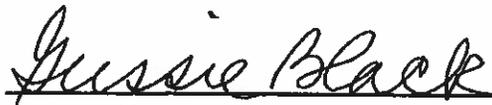
STATE OF NEW MEXICO  
COUNTY OF LEA

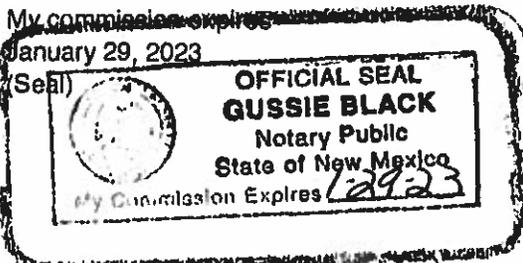
I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

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

  
\_\_\_\_\_  
Publisher

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

  
\_\_\_\_\_  
Business Manager



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

LEGAL

LEGAL

LEGAL

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/](http://www.emnrd.state.nm.us/OCD/). Please contact Ms. Davidson if a summary of other type of accessible form is needed.

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

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

To: All overriding 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).

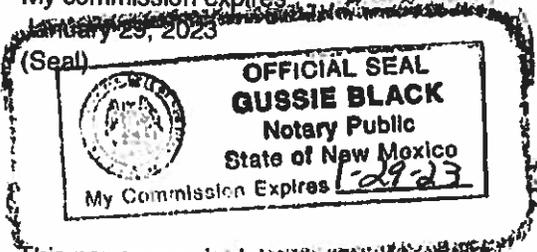
Beginning with the issue dated  
December 04, 2019  
and ending with the issue dated  
December 04, 2019.

  
\_\_\_\_\_  
Publisher

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

  
\_\_\_\_\_  
Business Manager

My commission expires  
January 29, 2023



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



LEGAL NOTICE  
DECEMBER 4, 2019

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

The State of New Mexico through its Oil Conservation Division hereby gives notice pursuant to law and the Rules and Regulations of the Division of the following public hearing to be held at 8:15 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 appoint for the hearing. If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing, please contact: Florene Davidson at 505-478-3458 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/](http://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 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

67115004

00236774

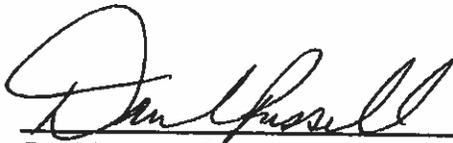
COG Operating LLC - SANTA FE  
1048 PASEO DE PERALTA  
SANTA FE, NM 87501

# Affidavit of Publication

STATE OF NEW MEXICO  
COUNTY OF LEA

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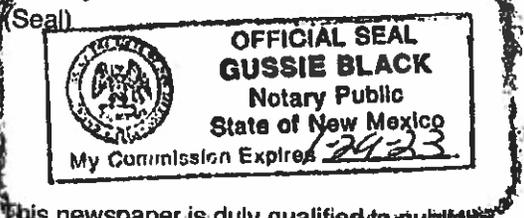
  
\_\_\_\_\_  
Publisher

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

  
\_\_\_\_\_  
Business Manager

My commission expires

January 20, 2025



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

LEGAL LEGAL LEGAL

LEGAL 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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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 640-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 #508H, 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 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. #34937

67115004

00236767

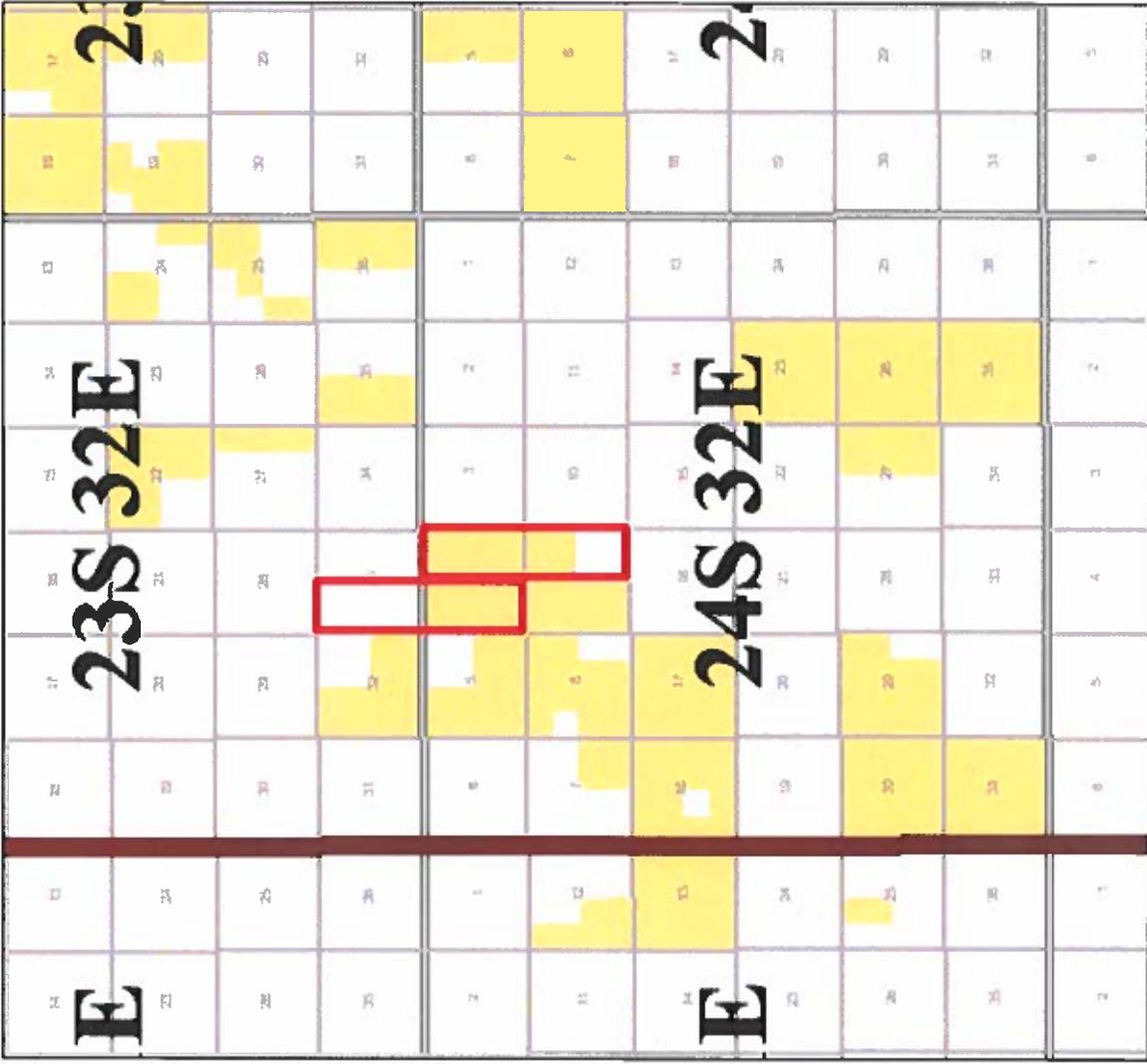
COG Operating LLC - SANTA FE  
1048 PASEO DE PERALTA  
SANTA FE, NM 87501

# Location Map-Mastiff Project Area

Map Legend

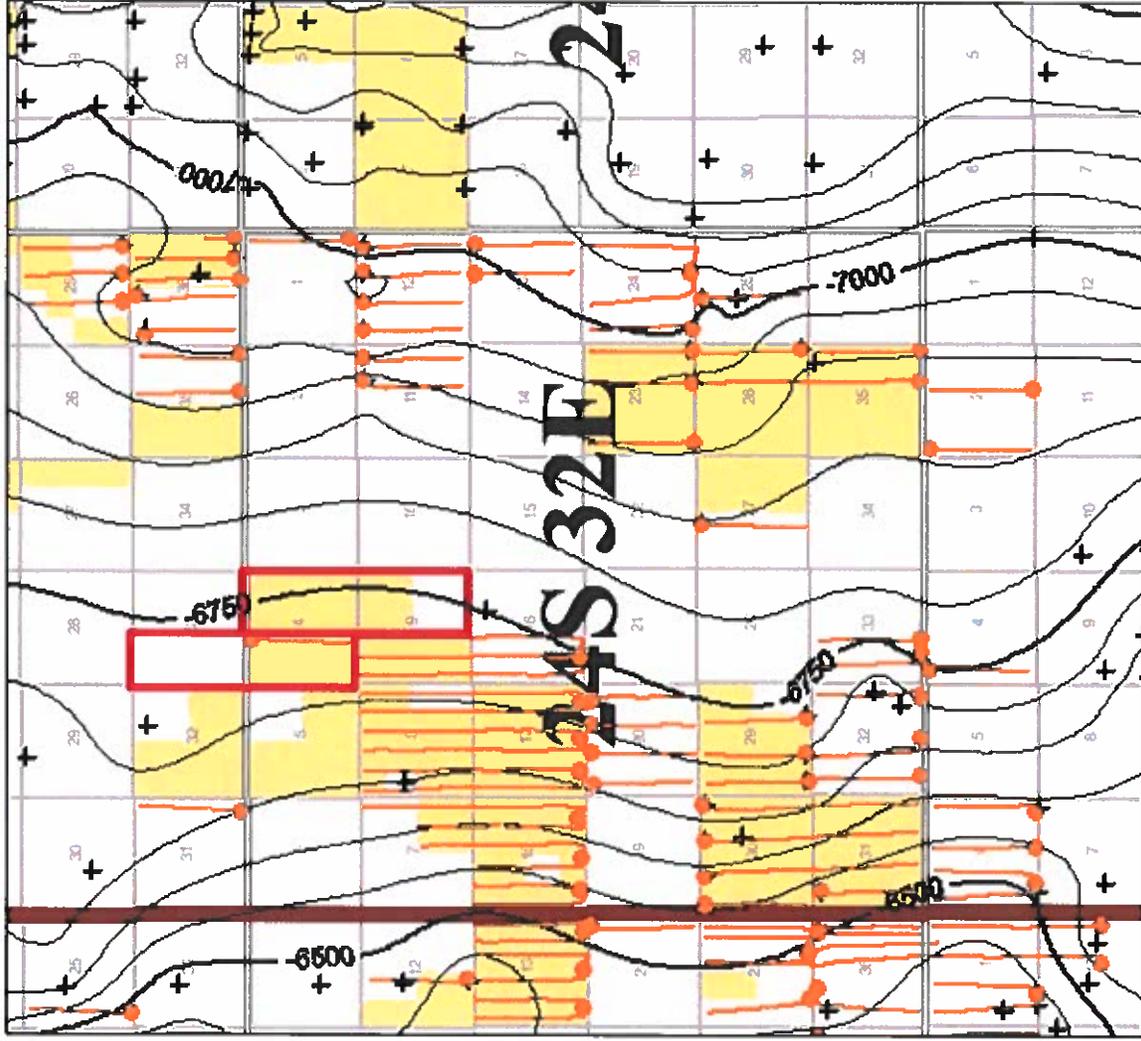
 Mastiff Project Area

 COG Acreage



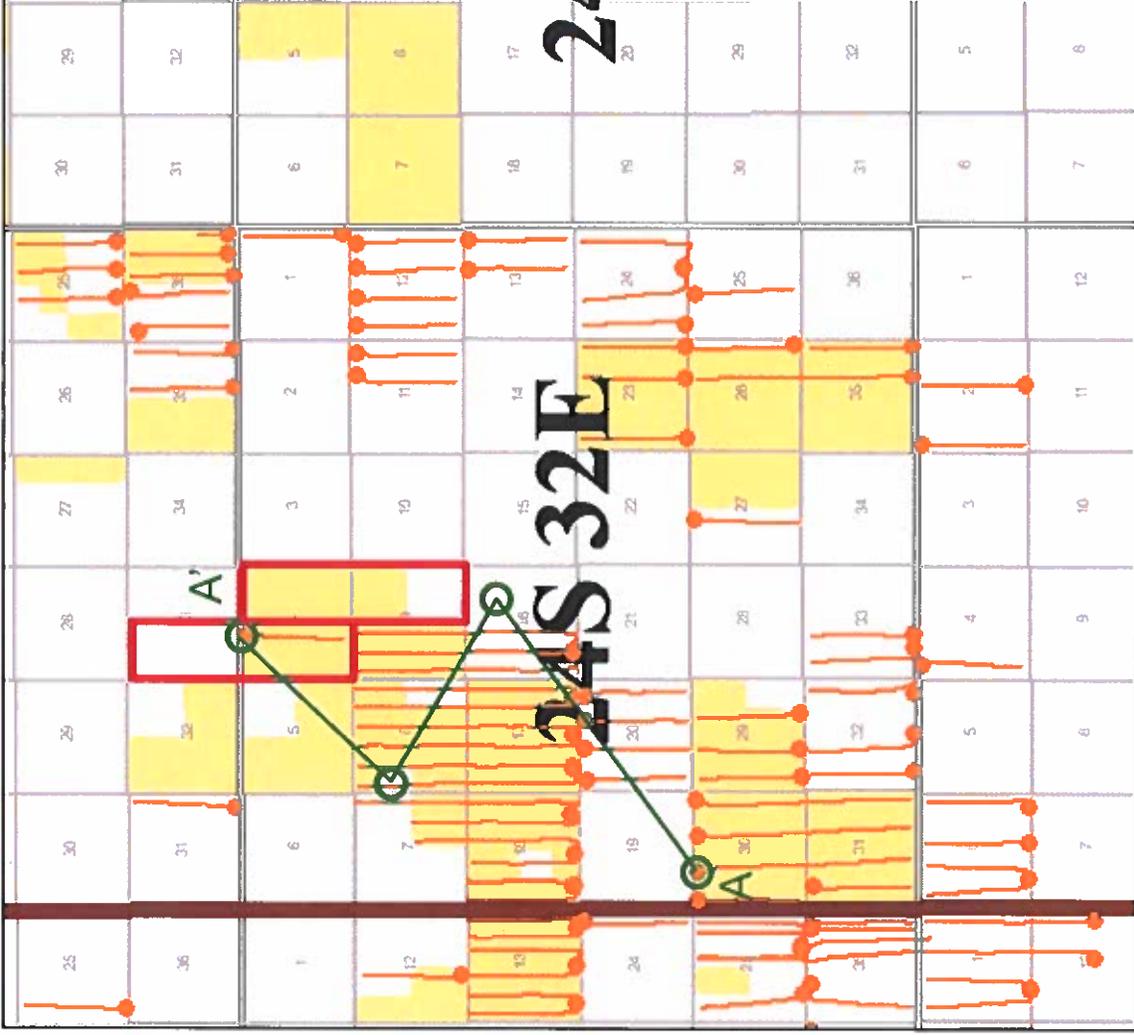
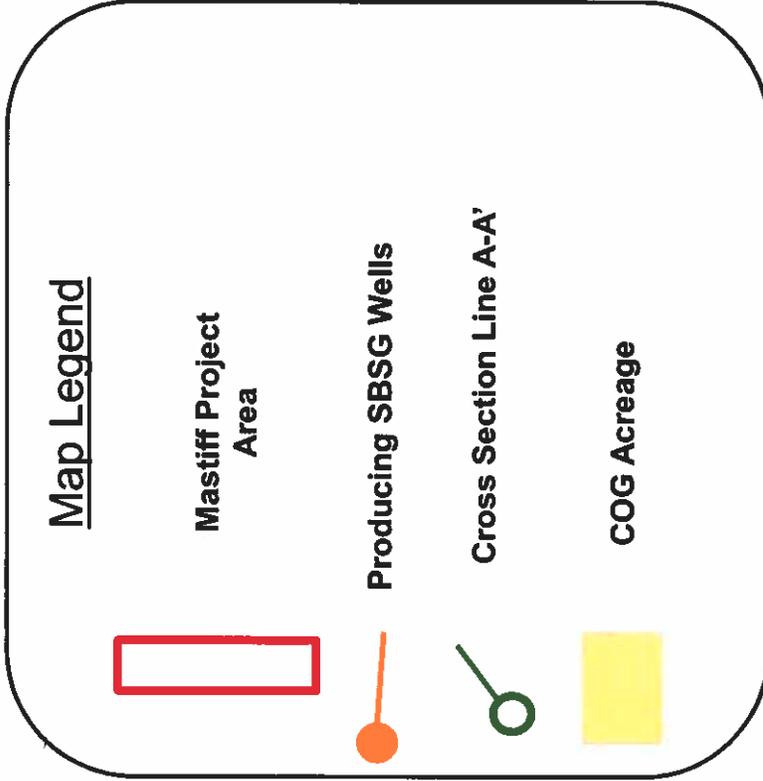
# Bone Spring Pool

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



# Bone Spring Pool

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



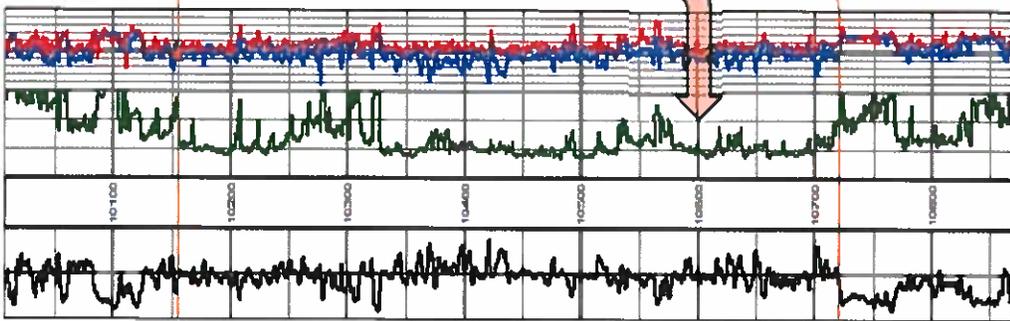
# Bone Spring Pool

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

A

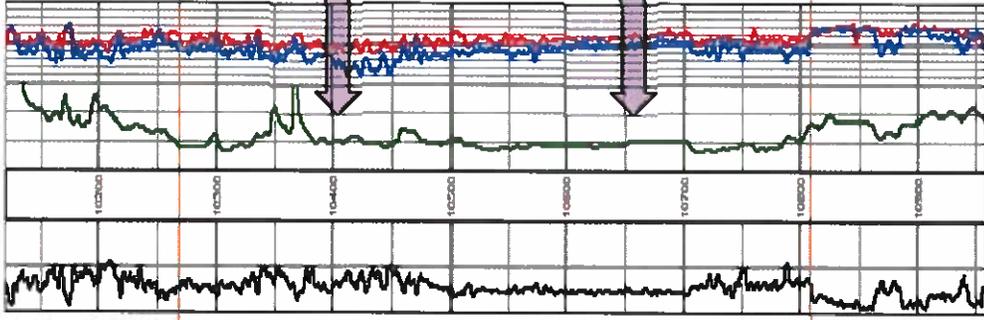
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COG PRODUCTION LLC  
WINDWARD FEDERAL Pilot Hole 2H



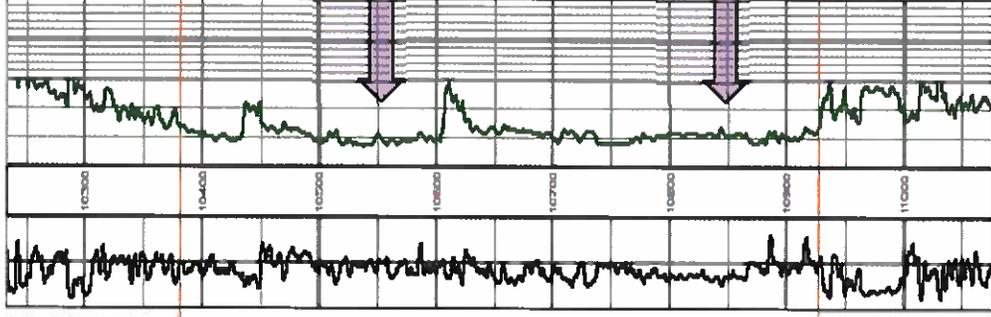
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EOG RESOURCES INCORPORATED  
JACK TANK 8 FEDERAL 2



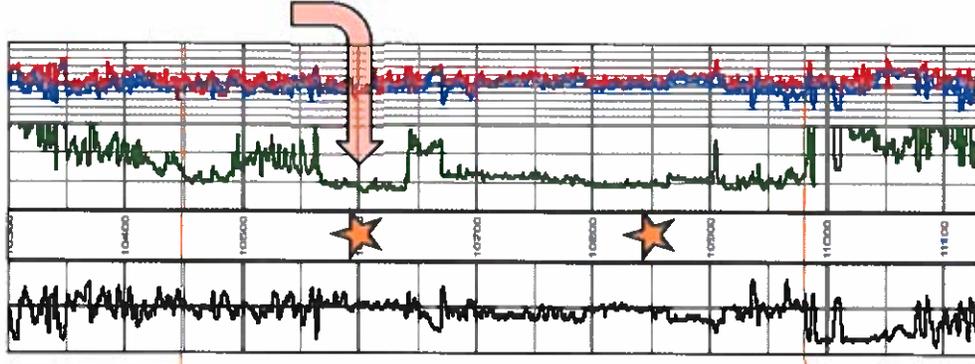
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EOG RESOURCES INCORPORATED  
DOUBLE ABJ STATE 1



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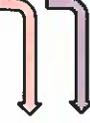
COG OPERATING LLC  
MASTIFF FEDERAL Pilot Hole 3H



CONCHOCO



COG Proposed Mastiff Landings



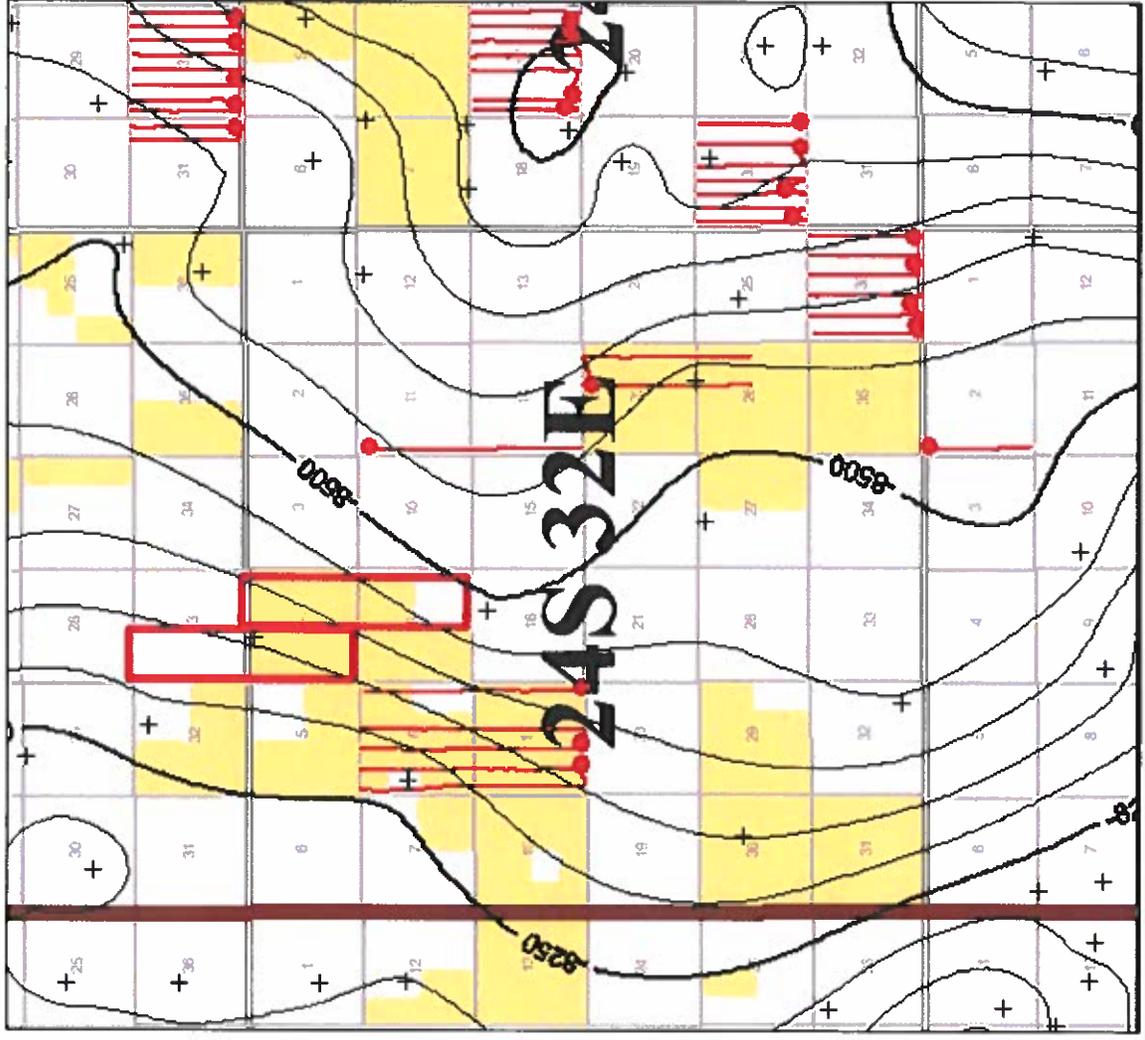
COG SBSG Sand Targets  
OXY SBSG Sand Targets

# Wolfcamp Pool

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

**Map Legend**

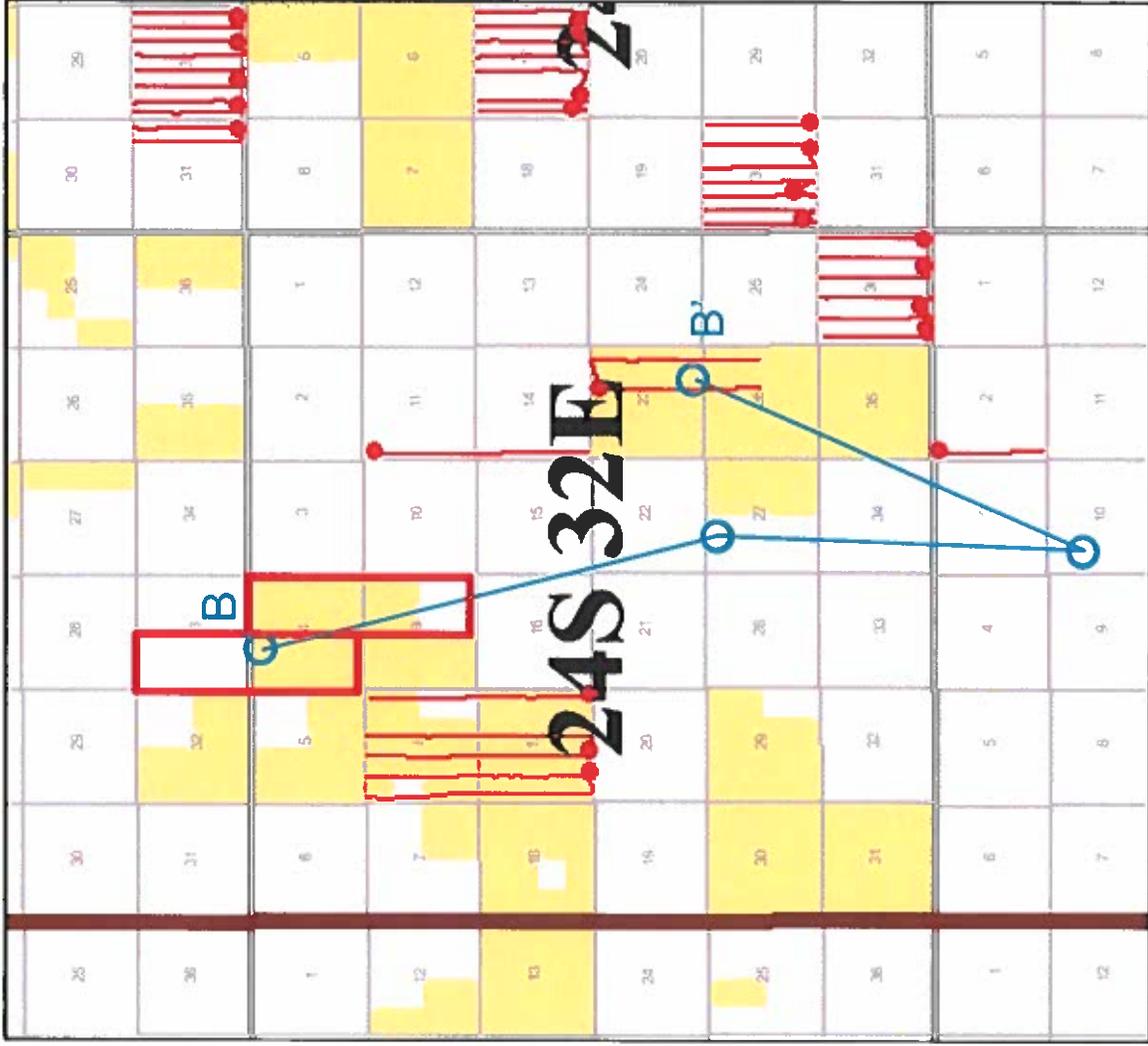
- Mastiff Project Area
- Producing WFMP Wells
- Wolfcamp Structure Cl: 50'
- Data point
- COG Acreage



BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Case Nos. 20923, 20924, 20925 & 20926  
Exhibit No. 10  
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

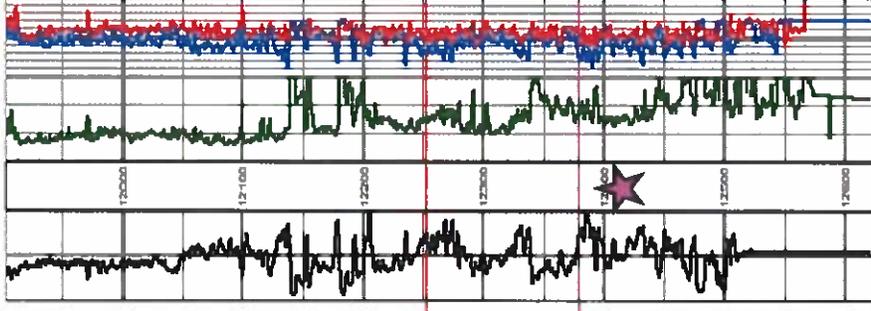
Mastiff Federal Com 701H, 702H, 703H, 704H, 705H, 706H, 707H, 708H, 709H, & 710H

**B**

**B'**

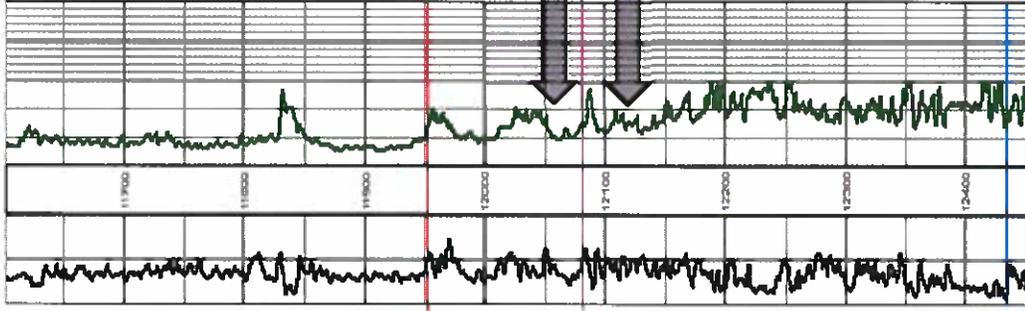
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COG OPERATING LLC  
TREASURE ISLAND FEDERAL Pilot Hole 2H



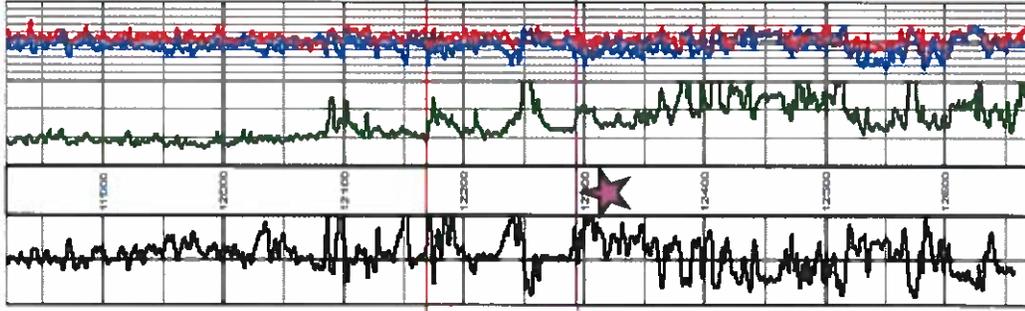
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MESQUITE SWD INCORPORATED  
COTTON DRAW SWD 66



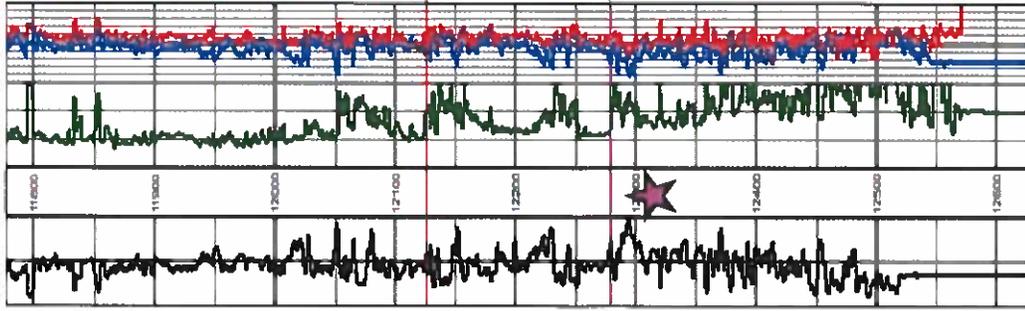
300254293200

XTO ENERGY INC  
OUTRIDER FEDERAL Pilot Hole 6H



300254206400

COG OPERATING LLC  
MASTIFF FEDERAL Pilot Hole 3H



DATUM



CONCHO



COG Proposed Mastiff Landings



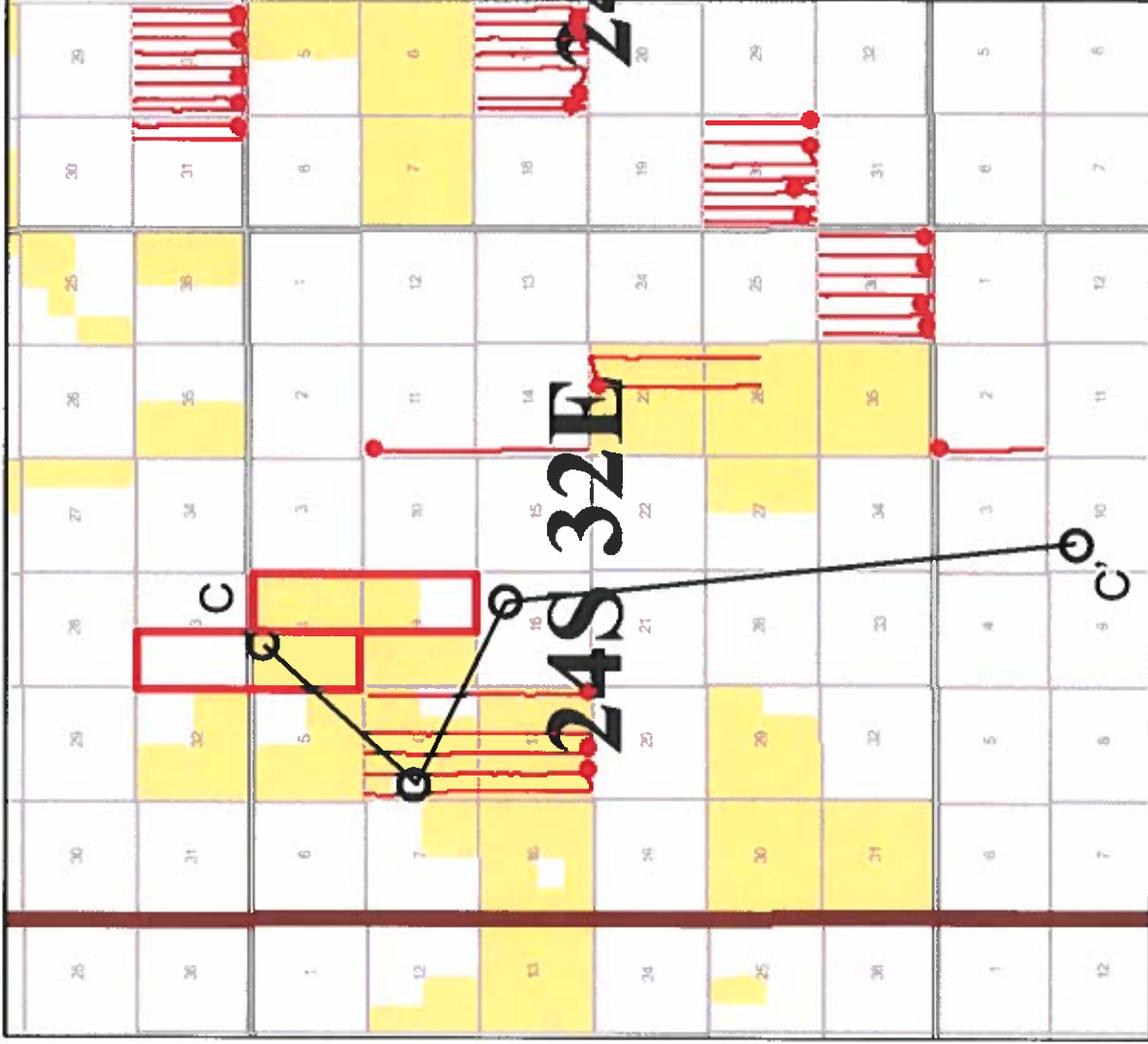
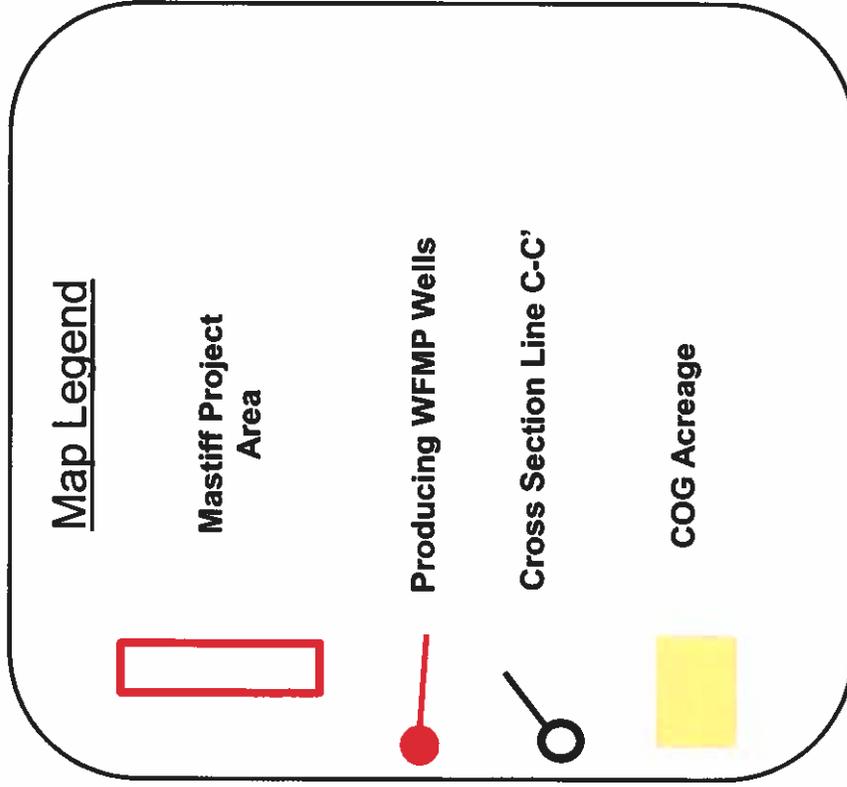
EOG WFMP Targets

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

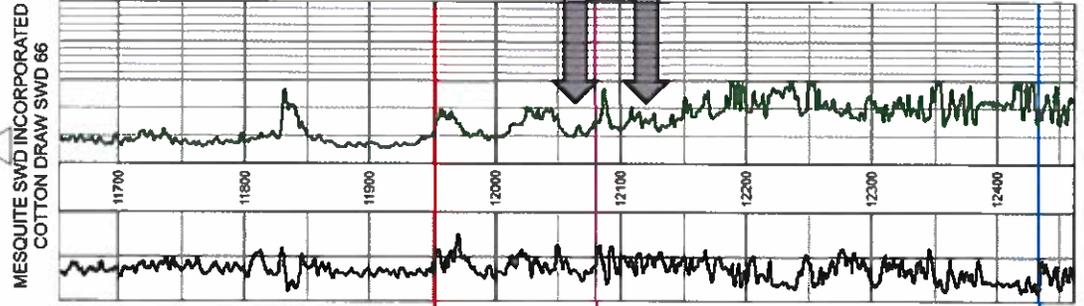
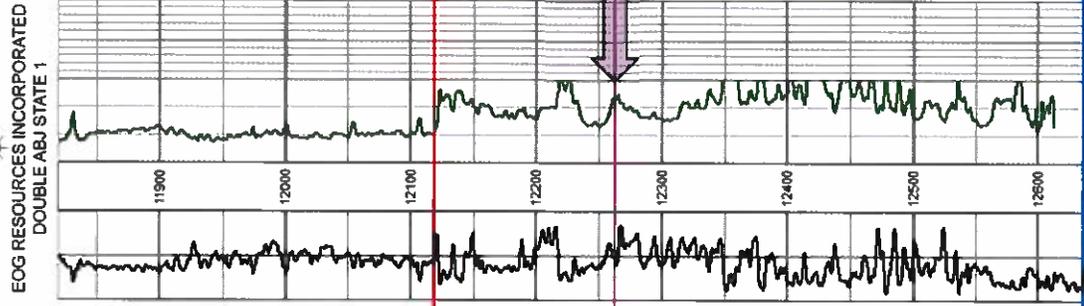
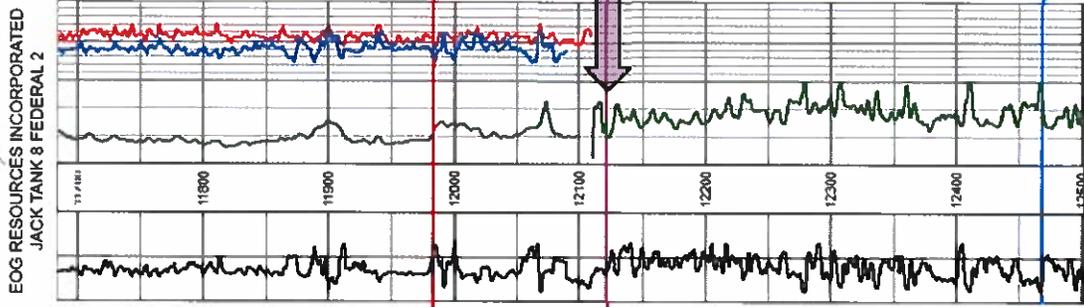
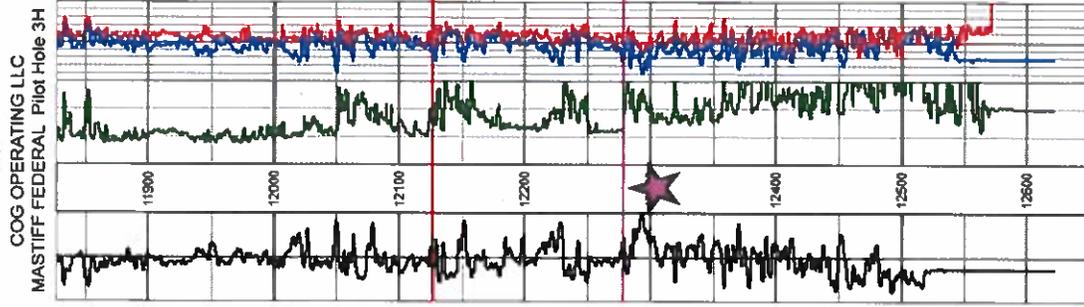


BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Case Nos. 20923, 20924, 20925 & 20926  
Exhibit No. 13  
Submitted by: COG OPERATING LLC  
Hearing Date: February 20, 2020

# Wolfcamp Pool

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

C' 300254206400 300253219200 300253074600 300252202400



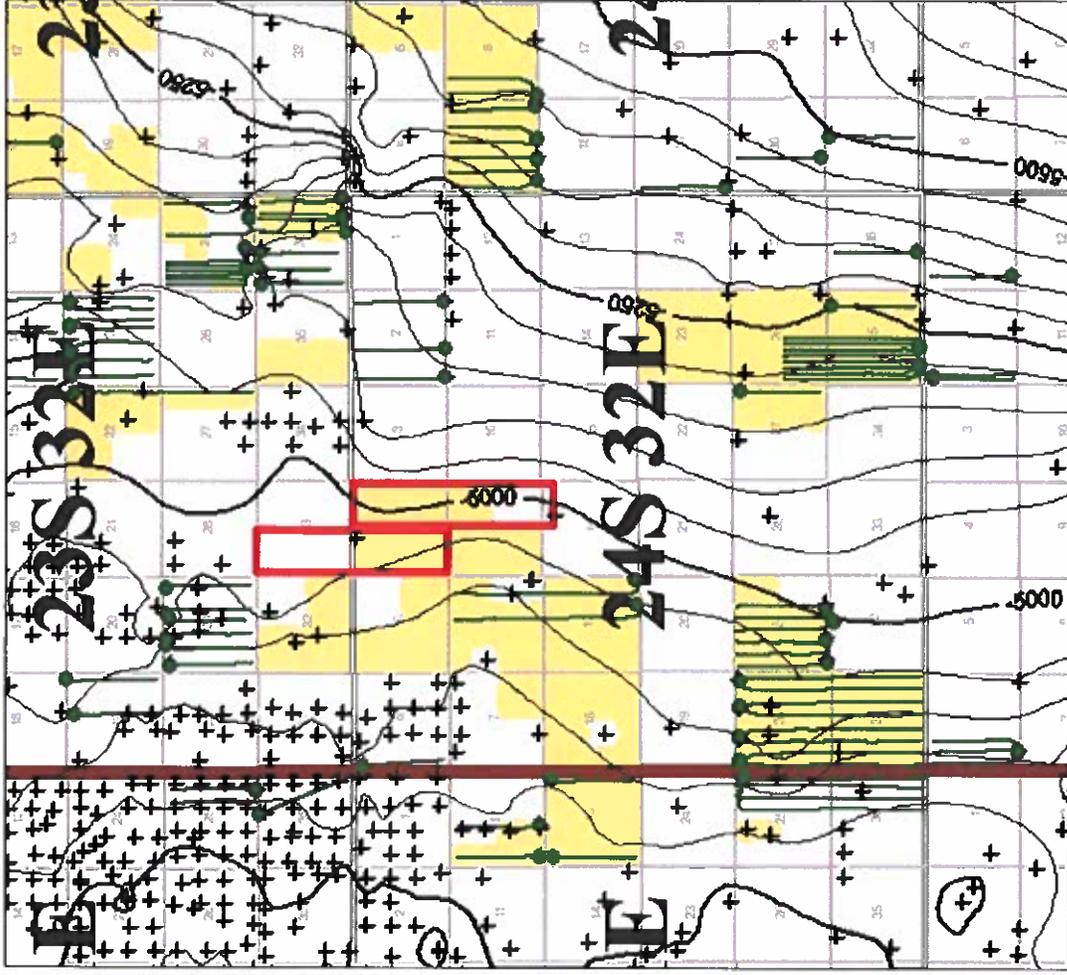
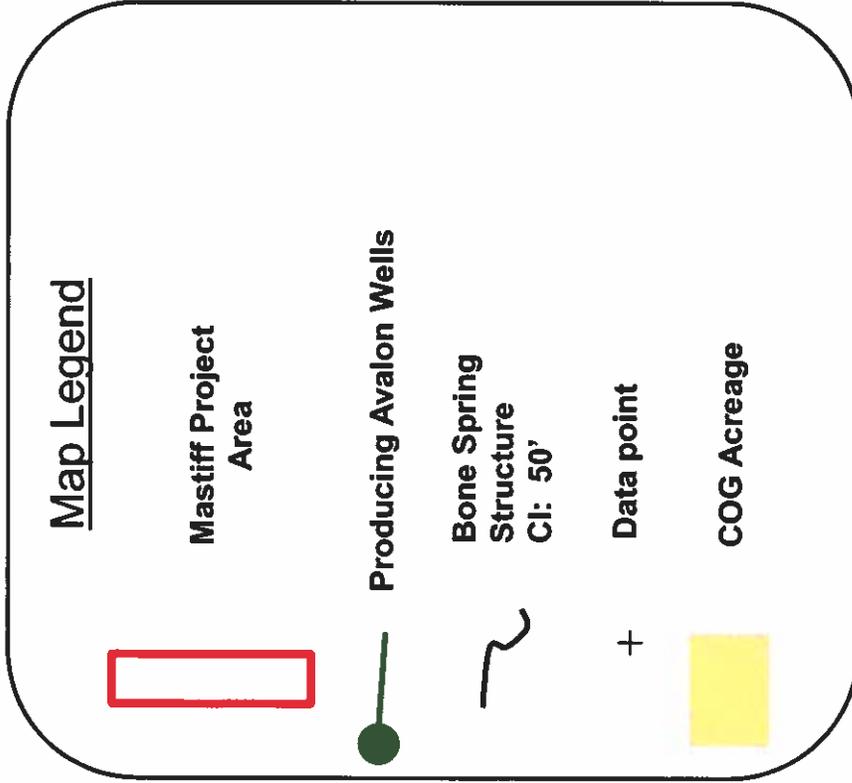
★ COG Proposed Mastiff Landings

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

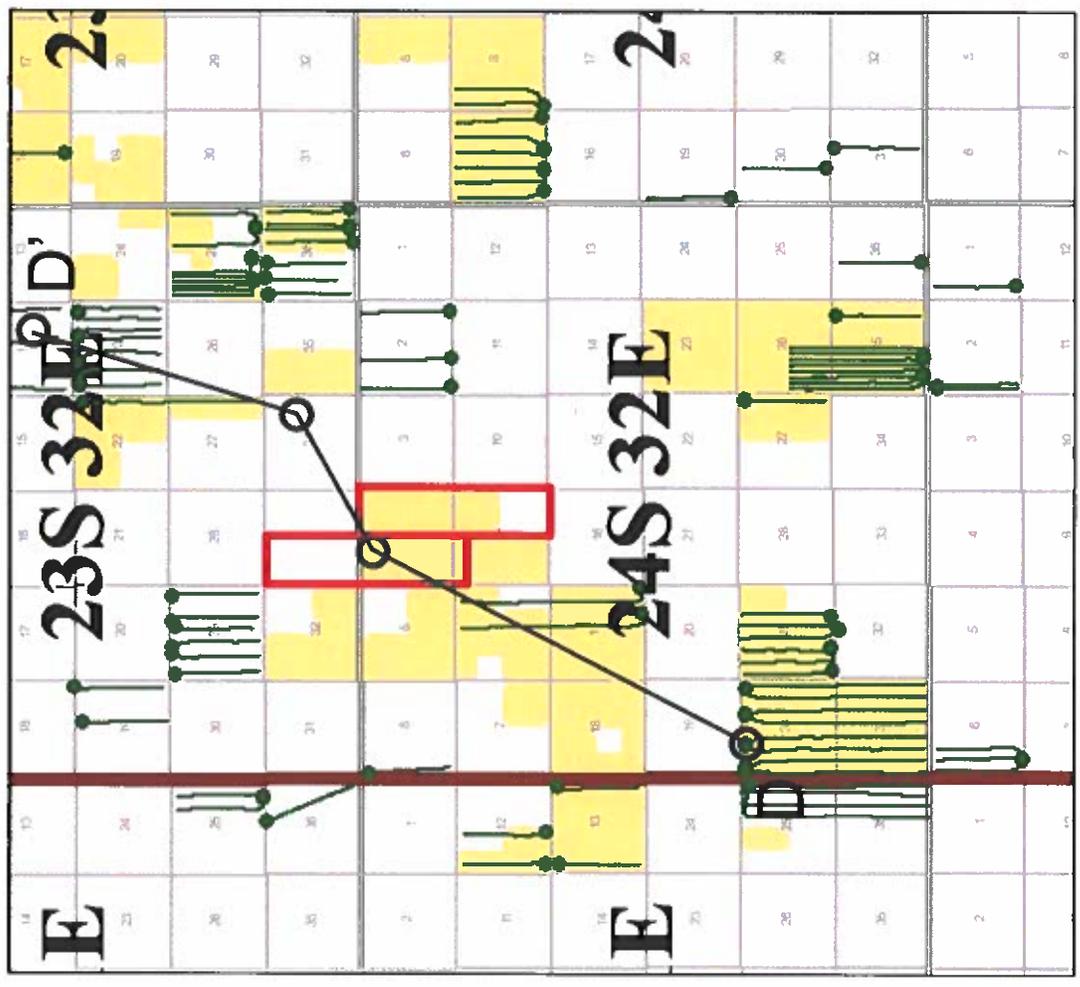
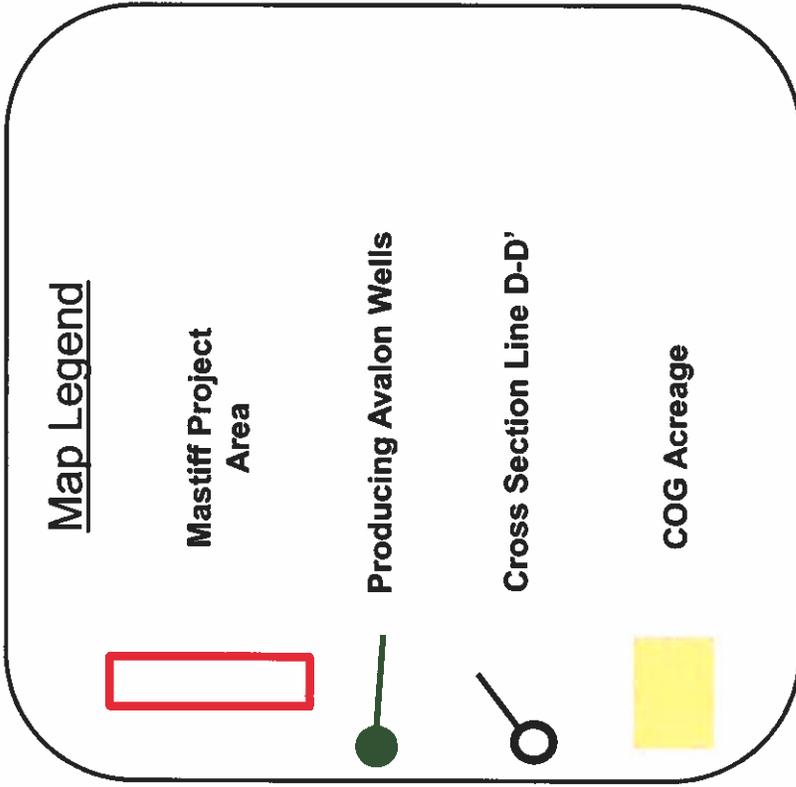
# Bone Spring Pool

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



# Bone Spring Pool

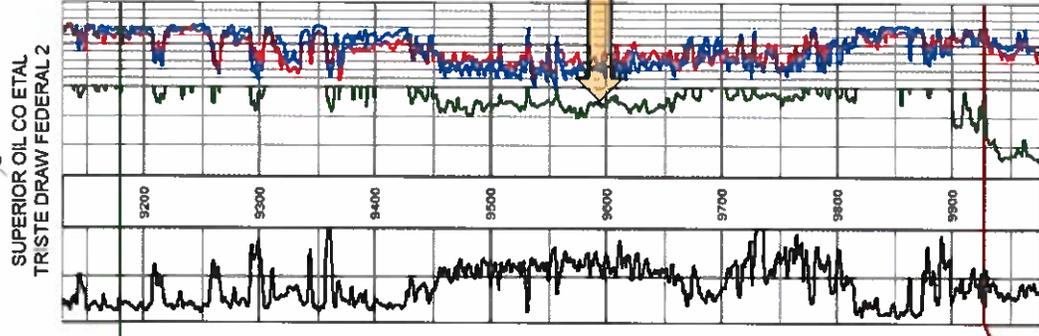
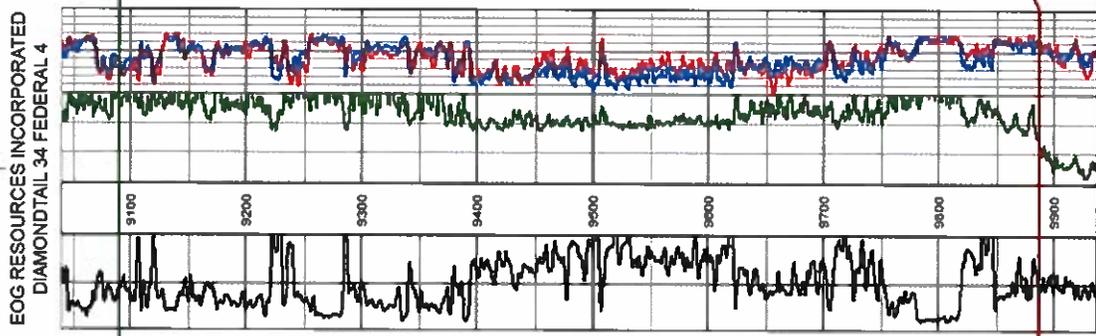
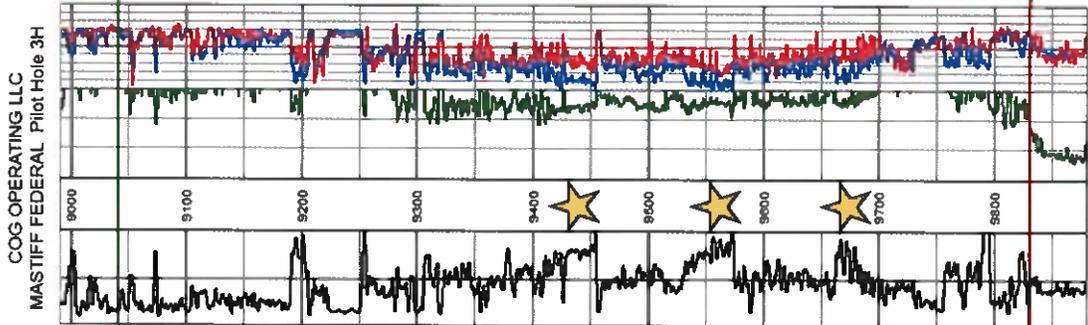
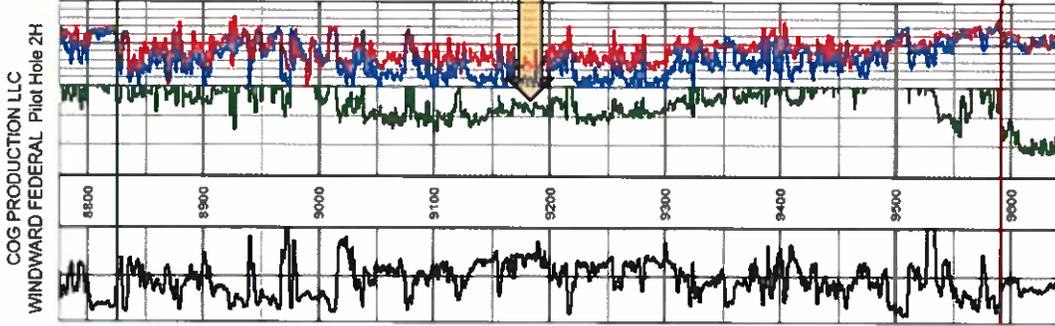
Mastiff Federal Com 201H, 202H, 203H, 204H, 205H,  
301H, 302H, 303H, 304H, 305H, 306H, 307H, 308H, 309H, & 310H



# Bone Spring Pool

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

D' 300254140800 300254206400 300253326100 300252770800



DATUM



COG Proposed Mastiff Landings



COG Avalon Targets