

COG OPERATING LLC

Fez Federal Com 601H
Fez Federal Com 602H
Fez Federal Com 603H
Fez Federal Com 604H
Fez Federal Com 701H
Fez Federal Com 702H
Fez Federal Com 703H
Fez Federal Com 704H
Fez Federal Com 705H

Section 9 & 4 T25S-R35E
Lea County, New Mexico



BEFORE THE OIL CONSERVATION DIVISION
EXAMINER HEARING MARCH 22, 2018, 2017

CASE NOS. 16029 & 16030



25S 35E

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FEZ FEDERAL COM 702H
FEZ FEDERAL COM 703H
FEZ FEDERAL COM 603H

FEZ FEDERAL COM 704H
FEZ FEDERAL COM 604H
FEZ FEDERAL COM 705H

FEZ FEDERAL COM 602H
FEZ FEDERAL COM 701H
FEZ FEDERAL COM 601H

Shallow Wolfbone Target
Fez Fed Com 601H & 602H & 603H & 604H

Deep Wolfbone Target
Fez Fed Com 701H & 702H & 703H & 704H & 705H

Map Legend

Producing Wolfbone Wells



COG Acreage



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

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 746-1283 Fax: (505) 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 FEZ FEDERAL COM	Well Number 601H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 3243.9'


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	9	25-S	35-E		280	SOUTH	1750	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
3	4	25-S	35-E		200	NORTH	1950	WEST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

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

<p>Y=425647.6 N X=796161.1 E</p> <p>LTP 330' FNL & 1950' FWL LAT.=32.165696° N LONG.=103.374211° W</p> <p>GRID AZ. - 359°34'17" HORZ. DIST. - 10054.0'</p> <p>LEASE X-ING LAT.=32.152026° N LONG.=103.374234° W</p> <p>LEASE X-ING LAT.=32.144767° N LONG.=103.374247° W</p> <p>FTP 330' FSL & 1950' FWL LAT.=32.138417° N LONG.=103.374257° W GRID AZ. TO FTP 75°29'57"</p> <p>Y=415064.5 N X=796241.0 E</p> <p>Y=415075.8 N X=797562.1 E</p>	<p>LOT 2 40.89 Ac</p> <p>LOT 1 40.89 Ac</p> <p>LOT 3 40.89 Ac</p> <p>LOT 4 40.89 Ac</p> <p>SECTION 4</p> <p>SECTION 9</p> <p>PRODUCING AREA</p> <p>PROJECT AREA</p> <p>GRID AZ. - 359°34'17" HORZ. DIST. - 10054.0'</p> <p>LEASE X-ING LAT.=32.152026° N LONG.=103.374234° W</p> <p>LEASE X-ING LAT.=32.144767° N LONG.=103.374247° W</p> <p>FTP 330' FSL & 1950' FWL LAT.=32.138417° N LONG.=103.374257° W GRID AZ. TO FTP 75°29'57"</p> <p>Y=415064.5 N X=796241.0 E</p> <p>Y=415075.8 N X=797562.1 E</p>	<p>NAD 27 NME PROPOSED BOTTOM HOLE LOCATION Y=425453.6 N X=796791.8 E LAT.=32.166053° N LONG.=103.374211° W</p> <p>NAD 27 NME SURFACE LOCATION Y=415348.3 N X=796667.5 E LAT.=32.138280° N LONG.=103.374903° W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>DECEMBER 4, 2017</p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor</p> <p></p> <p>Chad L. Hargrow 12/14/17 Certificate No. CHAD HARGROW 17777 W.O. # 17-1479 DRAWN BY: SP</p>
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DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 478-3480 Fax: (505) 478-3482

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☐ AMENDED REPORT

API Number		Pool Code	Pool Name
Property Code	Property Name FEZ FEDERAL COM		Well Number 602H
OGRID No.	Operator Name COG OPERATING, LLC		Elevation 3243.5'

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	9	25-S	35-E		280	SOUTH	1690	WEST	LEA

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	4	25-S	35-E		200	NORTH	1450	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

**NAD 27 NME
PROPOSED BOTTOM
HOLE LOCATION**

Y=425647.6 N
X=796161.1 E

Y=425659.4 N
X=797481.6 E

Y=425449.1 N
X=796291.9 E

LAT.=32.166053° N
LONG.=103.375827° W

330' FNL & 1450' FWL
LAT.=32.165695° N
LONG.=103.375827° W

330' FSL & 1450' FWL
LAT.=32.138418° N
LONG.=103.375872° W

GRID AZ. TO FTP
281°17'02"

Y=415064.5 N
X=796241.0 E

Y=415075.8 N
X=797562.1 E

Y=415347.6 N
X=796607.5 E

LAT.=32.138280° N
LONG.=103.375097° W

PRODUCING AREA
PROJECT AREA

LEASE X-ING
LAT.=32.152021° N
LONG.=103.375850° W

LEASE X-ING
LAT.=32.144766° N
LONG.=103.375862° W

SECTION 4
SECTION 9

GRID AZ. - 359°34'17"
HORZ. DIST. - 10053.7'

1450'

1200'

40.89 Ac

40.89 Ac

40.89 Ac

40.89 Ac

1690'

280'

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Phone: (575) 748-1283 Fax: (575) 748-0720

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1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6175 Fax: (505) 334-6170

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Santa Fe, New Mexico 87505

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name FEZ FEDERAL COM	Well Number 701H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 3243.6'


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	9	25-S	35-E		280	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
3	4	25-S	35-E		200	NORTH	1650	WEST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

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<p>Y=425647.6 N X=796161.1 E</p> <p>LTP 330' FNL & 1650' FWL LAT.=32.165696° N LONG.=103.375181° W</p> <p>GRID AZ. - 359°34'17" HORZ. DIST. - 10053.8'</p> <p>PRODUCING AREA PROJECT AREA</p> <p>GRID AZ. TO FIP 305°01'31"</p> <p>Y=415064.5 N X=796241.0 E</p> <p>1720'</p> <p>280'</p>	<p>LOT 4 40.89 Ac</p> <p>LOT 3 40.89 Ac</p> <p>LOT 2 40.89 Ac</p> <p>LOT 1 40.89 Ac</p> <p>LEASE X-ING LAT.=32.152023° N LONG.=103.375204° W</p> <p>SECTION 4 SECTION 9</p> <p>LEASE X-ING LAT.=32.144767° N LONG.=103.375216° W</p> <p>S.L. 7 280'</p> <p>Y=415075.8 N X=797562.1 E</p>	<p>NAD 27 NME PROPOSED BOTTOM HOLE LOCATION Y=425450.9 N X=796491.8 E LAT.=32.166053° N LONG.=103.375180° W</p> <p>NAD 27 NME SURFACE LOCATION Y=415348.0 N X=796637.5 E LAT.=32.138280° N LONG.=103.375000° W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>DECEMBER 4, 2017</p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor</p> <p></p> <p>Chad L. Hargrow 12/14/17</p> <p>Certificate No. CHAD HARGROW 17777</p> <p>W.O. # 17-1478 DRAWN BY: SP</p>
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State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

Ken McQueen
Cabinet Secretary

Matthias Sayer
Deputy Cabinet Secretary

Heather Riley, Division Director
Oil Conservation Division



February 23, 2018

Debora L. Wilbourn
COG Operating, LLC
dwilbourn@concho.com

NON-STANDARD LOCATION

Administrative Order NSL-7642

COG Operating, LLC. [OGRID 229137]
Fez Federal Com Well No. 602H
API No. 30-025-PENDING

Non-Standard Location

Proposed Location:

	<u>Footages</u>	<u>Unit/Lot</u>	<u>Sec.</u>	<u>Twsp</u>	<u>Range</u>	<u>County</u>
Surface	280' FSL & 1690' FWL	N	9	25S	35E	Lea
Penetration Point	330' FSL & 1450' FWL	N	9	25S	35E	Lea
Final perforation	330' FNL & 1450' FWL	3	4	25S	35E	Lea
Terminus	200' FNL & 1450' FWL	3	4	25S	35E	Lea

Proposed Project Area:

<u>Description</u>	<u>Acres</u>	<u>Pool</u>	<u>Pool Code</u>
E/2 W/2 of Section 9	320.85	WC-025 G-09S243532M; Wolfbone	98098
E/2 W/2 of Section 4			

Reference is made to your application received on February 2, 2018.

You have requested to drill this horizontal well at an unorthodox oil well location described above in the referenced pool or formation. This location is governed by statewide Rule 19.15.15.9.A NMAC, which provides for 40-acre units, with wells located at least 330 feet from a unit outer boundary.

This well's completed interval is as close as 130 feet from the western edge of the project area and therefore will cause an encroachment toward the following tracts:

Section 16, encroachment to the NW/4 NW/4
Section 9, encroachment to the W/2 W/2
Section 4, encroachment to W/2 W/2
Section 33 (24S, 35E), encroachment to SW/4 SW/4

It is also understood that you have given due notice of this application to all operators or owners who are "affected persons," as defined in Rule 19.15.4.12 A (2) NMAC, in all adjoining units towards which the proposed location encroaches.


It is our understanding that the Applicant is seeking this location to maximize the recovery of oil and gas reserves from the Wolfbone formation underlying the E/2 W/2 of Section 9 and Section 4.

Your application has been duly filed under the provisions of Division Rules 19.15.15.13 NMAC and 19.15.4.12.A (2) NMAC.

Pursuant to the authority conferred by Division Rule 19.15.15.13 (B) NMAC, the above-described unorthodox location is hereby approved.

The above approvals are subject to your following all other applicable Division rules.

Jurisdiction of this case is retained for the entry of such further orders as the Division may deem necessary.


HEATHER RILEY
Director

HR/lrl

cc: Oil Conservation Division – Hobbs District Office
Bureau of Land Management – Carlsbad Field Office

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) 746-1263 Fax: (575) 746-9720

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

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

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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 FEZ FEDERAL COM	Well Number 603H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 3251.7'

Surface Location

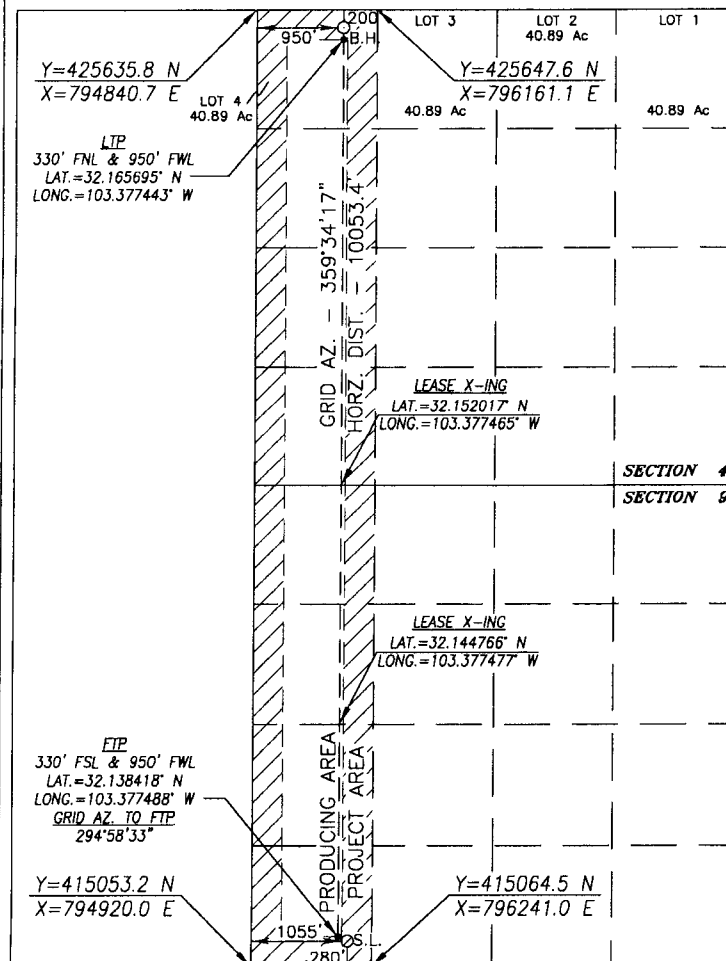

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	9	25-S	35-E		280	SOUTH	1055	WEST	LEA

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
4	4	25-S	35-E		200	NORTH	950	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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 <p>Y=425635.8 N X=794840.7 E</p> <p>LOT 4 40.89 Ac</p> <p>LOT 3 40.89 Ac</p> <p>LOT 2 40.89 Ac</p> <p>LOT 1 40.89 Ac</p> <p>GRID AZ. - 359°34'17"</p> <p>HORZ. DIST. - 10053.4'</p> <p>LEASE X-ING LAT.=32.152017° N LONG.=103.377465° W</p> <p>LEASE X-ING LAT.=32.144766° N LONG.=103.377477° W</p> <p>SECTION 4 SECTION 9</p> <p>PRODUCING AREA PROJECT AREA</p> <p>GRID AZ. TO FTP 294°58'33"</p> <p>Y=415053.2 N X=794920.0 E</p> <p>Y=415064.5 N X=796241.0 E</p> <p>1055'</p> <p>280'</p>	<p>NAD 27 NME <u>PROPOSED BOTTOM HOLE LOCATION</u> Y=425444.5 N X=795791.9 E LAT.=32.166052° N LONG.=103.377442° W</p> <p>NAD 27 NME <u>SURFACE LOCATION</u> Y=415342.2 N X=795972.5 E LAT.=32.138280° N LONG.=103.377148° W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>DECEMBER 2, 2017</p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor</p> <p></p> <p>12/13/17</p> <p>Certificate No. CHAD HARGROW 17777</p> <p>W.O. # 17-1474 DRAWN BY: SP</p>
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BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Exhibit No. 3

Submitted by: COG OPERATING, LLC

DISTRICT I
1625 N. FRENCH DR., HOBBBS, NM 88240
Phone: (576) 393-6161 Fax: (576) 393-0720

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811 S. FIRST ST., ARTESIA, NM 88210
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State of New Mexico
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OIL CONSERVATION DIVISION
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Santa Fe, New Mexico 87505

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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name FEZ FEDERAL COM	Well Number 604H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 3262.9'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	9	25-S	35-E		280	SOUTH	450	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
4	4	25-S	35-E		200	NORTH	450	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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	<p>NAD 27 NME <u>PROPOSED BOTTOM HOLE LOCATION</u> Y=425439.9 N X=795291.9 E LAT.=32.166052° N LONG.=103.379058° W</p>	<p>OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p>
	<p>NAD 27 NME <u>SURFACE LOCATION</u> Y=415337.0 N X=795367.6 E LAT.=32.138281° N LONG.=103.379103° W</p>	<p>SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>DECEMBER 5, 2017</p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor</p> <p> Certificate No. CHAD HARGROW 17777 W.O. # 17-1472 DRAWN BY: SP</p>

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name FEZ FEDERAL COM	Well Number 702H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 3251.8'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	9	25-S	35-E		280	SOUTH	1115	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
4	4	25-S	35-E		200	NORTH	1310	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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

<p>Y=425635.8 N X=794840.7 E</p> <p>LOT 4 40.89 Ac</p> <p>330' FNL & 1310' FWL LAT.=32.165695° N LONG.=103.376279° W</p> <p>LTP</p> <p>200'</p> <p>1310'</p> <p>LOT 3 40.89 Ac</p> <p>Y=425647.6 N X=796161.1 E</p> <p>LOT 2 40.89 Ac</p> <p>LOT 1 40.89 Ac</p> <p>GRID AZ. - 359°34'17"</p> <p>HORZ. DIST. - 10053.6</p> <p>LEASE X-ING LAT.=32.152020° N LONG.=103.376302° W</p> <p>SECTION 4</p> <p>SECTION 9</p> <p>LEASE X-ING LAT.=32.144766° N LONG.=103.376314° W</p> <p>PROJECT AREA</p> <p>PRODUCING AREA</p> <p>FTP</p> <p>330' FSL & 1310' FWL LAT.=32.138418° N LONG.=103.376325° W</p> <p>GRID AZ. TO FTP 75°07'13"</p> <p>Y=415053.2 N X=794920.0 E</p> <p>Y=415064.5 N X=796241.0 E</p> <p>1115'</p> <p>280'</p>	<p>NAD 27 NME PROPOSED BOTTOM HOLE LOCATION Y=425447.8 N X=796151.9 E LAT.=32.166053° N LONG.=103.376279° W</p> <p>NAD 27 NME SURFACE LOCATION Y=415342.7 N X=796032.5 E LAT.=32.138280° N LONG.=103.376955° W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>DECEMBER 2, 2017</p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor</p> <p></p> <p>Chad L. Hargrow 12/13/17</p> <p>Certificate No. CHAD HARGROW 17777</p> <p>W.O. # 17-1476 DRAWN BY: SP</p>
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DISTRICT I
1825 N. FRENCH DR., BOHES, NM 88240
Phone: (575) 393-0101 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) 476-3480 Fax: (505) 476-3482

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name FEZ FEDERAL COM	Well Number 703H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 3250.6'

Surface Location


UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	9	25-S	35-E		280	SOUTH	1085	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
4	4	25-S	35-E		200	NORTH	990	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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

<p>Y=425635.8 N X=794840.7 E</p> <p>LOT 4 40.89 Ac</p> <p>LTP 330' FNL & 990' FWL LAT.=32.165695° N LONG.=103.377314° W</p> <p>GRID AZ. - 359°34'17" HORIZ. DIST. - 10053.5'</p> <p>PROJECT AREA PRODUCING AREA</p> <p>GRID AZ. TO FTP 297°14'52"</p> <p>Y=415053.2 N X=794920.0 E</p>	<p>LOT 3 40.89 Ac</p> <p>Y=425647.6 N X=796161.1 E</p> <p>LEASE X-ING LAT.=32.152017° N LONG.=103.377336° W</p> <p>SECTION 4 SECTION 9</p> <p>LEASE X-ING LAT.=32.144766° N LONG.=103.377348° W</p> <p>Y=415064.5 N X=796241.0 E</p>	<p>NAD 27 NME PROPOSED BOTTOM HOLE LOCATION Y=425444.9 N X=795831.9 E LAT.=32.166052° N LONG.=103.377313° W</p> <p>NAD 27 NME SURFACE LOCATION Y=415342.5 N X=796002.6 E LAT.=32.138281° N LONG.=103.377051° W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>DECEMBER 2, 2017</p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor</p> <p></p> <p>12/13/17</p> <p>Certificate No. CHAD HARCROW 17777</p> <p>W.O. # 17-1475 DRAWN BY: SP</p>
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DISTRICT I
1625 N. FRANK DR., HOBBS, NM 88240
Phone: (505) 393-6101 Fax: (505) 393-0720

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

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

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 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 FEZ FEDERAL COM	Well Number 704H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 3260.3'

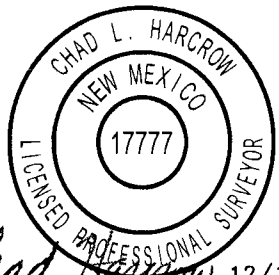
Surface Location

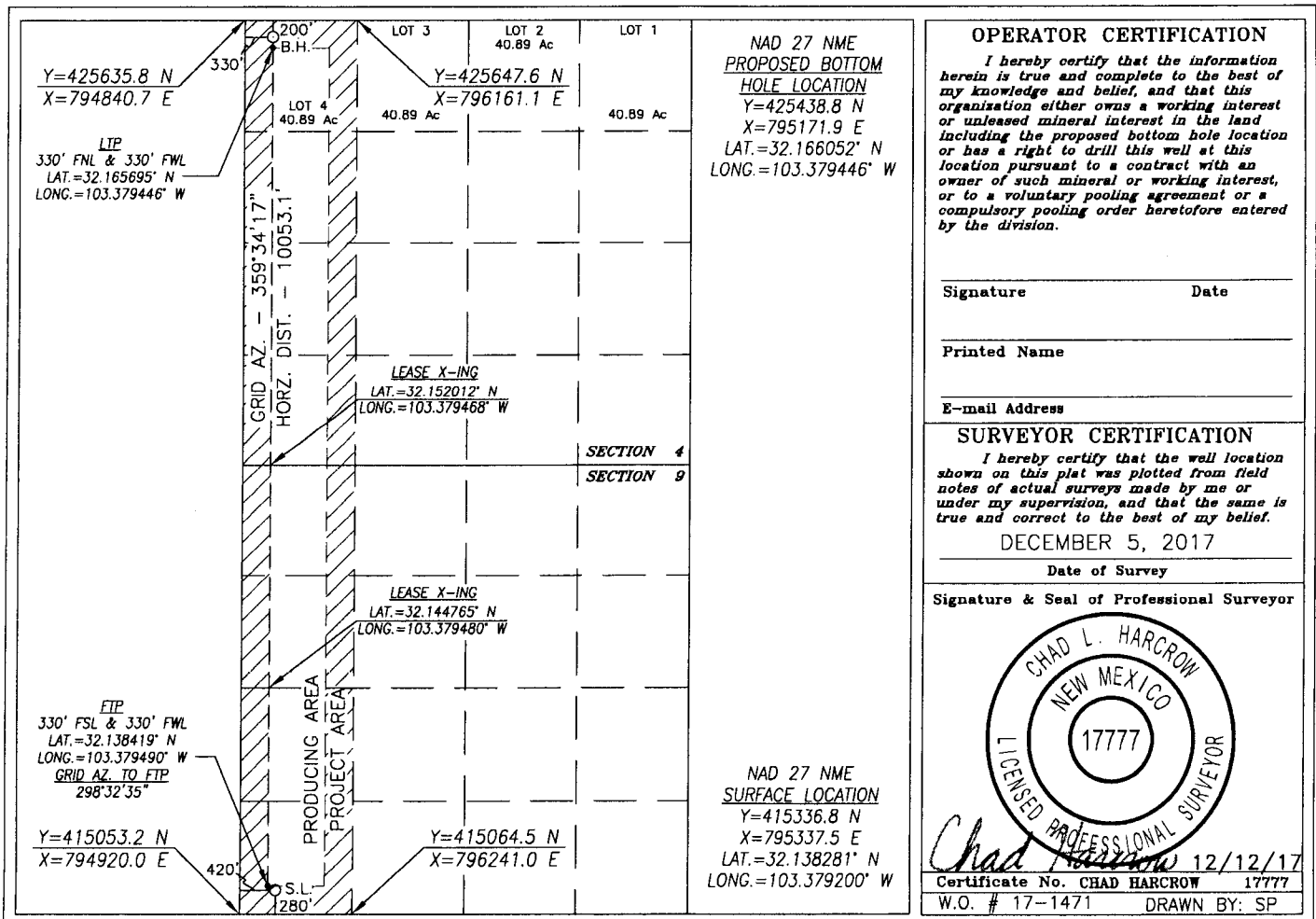
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	9	25-S	35-E		280	SOUTH	480	WEST	LEA

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
4	4	25-S	35-E		200	NORTH	660	WEST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

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

<p>Y=425635.8 N X=794840.7 E</p> <p>LOT 4 40.89 Ac</p> <p>LTP 330' FNL & 660' FWL LAT.=32.165695° N LONG.=103.378380° W</p>	<p>LOT 3 40.89 Ac</p> <p>LOT 2 40.89 Ac</p> <p>LOT 1 40.89 Ac</p> <p>Y=425647.6 N X=796161.1 E</p> <p>LEASE X-ING LAT.=32.152015° N LONG.=103.378402° W</p> <p>SECTION 4 SECTION 9</p> <p>LEASE X-ING LAT.=32.144765° N LONG.=103.378414° W</p> <p>PRODUCING AREA PROJECT AREA</p> <p>GRID AZ. - 359°34'17" HORIZ. DIST. - 10053.3'</p> <p>GRID AZ. TO FTP 73°58'38"</p> <p>Y=415053.2 N X=794920.0 E</p> <p>Y=415064.5 N X=796241.0 E</p>	<p>NAD 27 NME PROPOSED BOTTOM HOLE LOCATION Y=425441.8 N X=795501.9 E LAT.=32.166052° N LONG.=103.378379° W</p> <p>NAD 27 NME SURFACE LOCATION Y=415337.3 N X=795397.6 E LAT.=32.138281° N LONG.=103.379006° W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>DECEMBER 5, 2017</p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor</p> <p></p> <p>Chad L. Hargrow 12/13/17 Certificate No. CHAD HARGROW 17777 W.O. # 17-1473 DRAWN BY: SP</p>
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State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

Ken McQueen
Cabinet Secretary

Matthias Sayer
Deputy Cabinet Secretary

Heather Riley, Division Director
Oil Conservation Division



February 23, 2018

Debora L. Wilbourn
COG Operating, LLC
dwilbourn@concho.com

NON-STANDARD LOCATION

Administrative Order NSL-7643

COG Operating, LLC. [OGRID 229137]
Fez Federal Com Well No. 702H
API No. 30-025-PENDING

Non-Standard Location

Proposed Location:

	<u>Footages</u>	<u>Unit/Lot</u>	<u>Sec.</u>	<u>Twsp</u>	<u>Range</u>	<u>County</u>
Surface	280' FSL & 1115' FWL	M	9	25S	35E	Lea
Penetration Point	330' FSL & 1310' FWL	M	9	25S	35E	Lea
Final perforation	330' FNL & 1310' FWL	4	4	25S	35E	Lea
Terminus	200' FNL & 1310' FWL	4	4	25S	35E	Lea

Proposed Project Area:

<u>Description</u>	<u>Acres</u>	<u>Pool</u>	<u>Pool Code</u>
W/2 W/2 of Section 9 W/2 W/2 of Section 4	320.87	WC-025 G-09S243532M; Wolfbone	98098

Reference is made to your application received on February 2, 2018.

You have requested to drill this horizontal well at an unorthodox oil well location described above in the referenced pool or formation. This location is governed by statewide Rule 19.15.15.9.A NMAC, which provides for 40-acre units, with wells located at least 330 feet from a unit outer boundary.

This well's completed interval is as close as 10 feet from the eastern edge of the project area and therefore will cause an encroachment toward the following tracts:

Section 16, encroachment to the NE/4 NW/4
Section 9, encroachment to the E/2 W/2
Section 4, encroachment to E/2 W/2
Section 33 (24S, 35E), encroachment to SE/4 SW/4

It is also understood that you have given due notice of this application to all operators or owners who are "affected persons," as defined in Rule 19.15.4.12 A (2) NMAC, in all adjoining units towards which the proposed location encroaches.

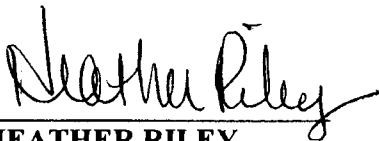
It is our understanding that the Applicant is seeking this location to maximize the recovery of oil and gas reserves from the Wolfbone formation underlying the W/2 W/2 of Section 9 and Section 4.

Your application has been duly filed under the provisions of Division Rules 19.15.15.13 NMAC and 19.15.4.12.A (2) NMAC.

Pursuant to the authority conferred by Division Rule 19.15.15.13 (B) NMAC, the above-described unorthodox location is hereby approved.

The above approvals are subject to your following all other applicable Division rules.

Jurisdiction of this case is retained for the entry of such further orders as the Division may deem necessary.



HEATHER RILEY
Director

HR/lrl

cc: Oil Conservation Division – Hobbs District Office
Bureau of Land Management – Carlsbad Field Office

FEZ FED COM #603H, #604H, #702H, #703H, #704H & #705H (W/2 W/2)
T25S-R35E-Section 4: W/2 W/2 & Section 9: W/2 W/2
LEA COUNTY, NM

Sec. 4 W/2 W/2 – 160.87 acres 1			
Sec. 9 W/2 NW/4 – 80 acres 2			
W/2 SW/4 – 80 acres 3			

**FEZ FED COM #603H, #604H, #702H, #703H, #704H & #705H (W/2 W/2)
T25S-R35E-Section 4: W/2 W/2 & Section 9: W/2 W/2
LEA COUNTY, NM**

Tract 1 - W/2 W/2 of Section 4 (160.87 acres)

COG OPERATING, LLC – 87.50%
V-F PETROLEUM, INC. – 12.5%

Tract 2 – W/2 NW/4 of Section 9 (80 acres)

COG OPERATING, LLC – 100.00%
ENERGEN RESOURCES CORPORATION – 0.00%

Tract 3 – W/2 SW/4 of Section 9 (80 acres)

EOG Y RESOURCES, INC. – 60.00%
EOG A RESOURCES, INC. – 20.00%
EOG M RESOURCES, INC. – 20.00%

UNIT RECAPITULATION T25S-R35E-Section 4: W/2 W/2 and Section 9: W/2 W/2

COG OPERATING, LLC	68.79%
EOG Y RESOURCES, INC.	14.96%
EOG A RESOURCES, INC.	4.99%
EOG M RESOURCES, INC.	4.99%
V-F PETROLEUM, INC.	6.27%
ENERGEN RESOURCES CORPORATION	0.00%
PBK ROYALTY & INVESTMENT LLC	0.00% — No LUT-er Pooling

**FEZ FED COM #601H, #602H & #701H (E/2 W/2)
T25S-R35E-Section 4: E/2 W/2 & Section 9: E/2 W/2
LEA COUNTY, NM**

	<div>Sec. 4 E/2 W/2 – 160.85 acres</div> <div>1</div>		
	<div>Sec. 9 E/2 NW/4 – 80 acres</div> <div>2</div>		
	<div>E/2 SW/4 – 80 Acres</div> <div>3</div>		

**FEZ FED COM #601H, #602H & #701H (E/2 W/2)
T25S-R35E-Section 4: E/2 W/2 & Section 9: E/2 W/2
LEA COUNTY, NM**

Tract 1 - E/2 W/2 of Section 4 (160.85 acres)

COG OPERATING, LLC – 87.5%
V-F PETROLEUM, INC. – 12.5%

Tract 2 – E/2 NW/4 of Section 9 (80 acres)

COG OPERATING, LLC – 100.00%
ENERGEN RESOURCES CORPORATION – 0.00%

Tract 3 – E/2 SW/4 of Section 9 (80 acres)

EOG Y RESOURCES, INC. – 60.00%
EOG A RESOURCES, INC. – 20.00%
EOG M RESOURCES, INC. – 20.00%

UNIT RECAPITULATION T25S-R35E-Section 4: E/2 W/2 and Section 9: E/2 W/2

COG OPERATING, LLC	68.79%
EOG Y RESOURCES, INC.	14.96%
EOG A RESOURCES, INC.	4.99%
EOG M RESOURCES, INC.	4.99%
V-F PETROLEUM, INC.	6.27%
ENERGEN RESOURCES CORPORATION	0.00%
PBK ROYALTY & INVESTMENT LLC	0.00% — no longer Pooling



January 19, 2018

US Certified Mail - 91 7199 9991 7038 1528 6163

EOG A Resources, Inc.
105 S. 4th St.
Artesia, NM 88210
Attention: Land Department

Re: Well Proposal – Fez Federal Com #601H
Sec 4: E/2 W/2 - T25S-R35E
Sec 9: E/2 W/2 - T25S-R35E
SHL: 280' FSL / 1,750' FWL, or a legal location in Sec 9 (Unit N)
BHL: 200' FNL / 1,950' FWL, or a legal location in Sec 4 (Lot 3)
Lea County, New Mexico

Dear Sir/Madam:

COG Operating LLC (COG), as Operator, hereby proposes to drill the Fez Federal Com #601H 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 12,275' and a MD of approximately 22,100' to test the Wolfbone Pool ("Operation"). The total cost of the Operation is estimated to be \$12,476,500.00, 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 W/2 of Sec. 4-T25S-R35E and the E/2 W/2 of Sec. 9-T25S-R35E. 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 farmout your leasehold under the following general terms:

- Delivery of an 80% NRI
- 2 Year Primary Term

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

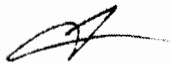
If an agreement cannot be reached within 30 days of the date of this letter, COG will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a spacing unit for the proposed well if uncommitted at such time.

COG Operating LLC, 6014 Avenue of the Sun, Suite 200, Denver, CO 80231 P 303.733.1444 F 303.733.1445

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. 5
Submitted by: **COG OPERATING, LLC**
Hearing Date: March 22, 2018

If you have any questions, please do not hesitate to contact the undersigned at (432) 221-0465.

Respectfully,



Mike Wallace
Senior Landman

_____ I/We hereby elect to participate in the Fez Federal Com #601H.

_____ I/We hereby elect not to participate in the Fez Federal Com #601H.

Company: EOG A Resources, Inc.

By: _____

Name: _____

Title: _____

Date: _____

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME: FEZ FEDERAL COM #601H	PROSPECT NAME: Bulldog 2535
SHL: Sec 9: 280 FSL & 1750 FWL	STATE & COUNTY: New Mexico, Lea
BHL: Sec 9: 200 FNL & 1950 FWL	OBJECTIVE: DRILL AND COMPLETE
FORMATION: Wolfbone	DEPTH: 22,100
LEGAL: Sec 9: T25S-R35E	TVD: 12,275

		Drig - Rig Release(D)	Completion(C)	Tank Btty Constrctn(TB)	Pmpg Equipment(PEQ)	TOTAL
INTANGIBLE COSTS						
Title/Curative/Permit	201	11,000				11,000
Insurance	202	4,000	302			4,000
Damages/Right of Way	203	5,000	303	351		5,000
Survey/State Location	204	6,000		352		6,000
Location/Pits/Road Expense	205	60,000	305	10,000	353	127,000
Drilling / Completion Overhead	206	10,500	306	57,000	366	10,500
Turnkey Contract	207	0	307	1,461,000		1,461,000
Footage Contract	208	0	308	576,000		576,000
Daywork Contract	209	780,000	309	1,159,000		1,939,000
Directional Drilling Services	210	381,000	310	148,000		529,000
Fuel & Power	211	200,000	311	5,000	354	205,000
Water	212	60,000	312	843,000	367	903,000
Bits	213	133,200	313	4,500	368	137,700
Mud & Chemicals	214	275,000	314	25,000	369	300,000
Drill Stem Test	215	0	315		370	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 Squeeze & Other (Kickoff Plug)	220	0			371	0
Float Equipment & Centralizers	221	45,000				45,000
Casing Crews & Equipment	222	60,000				60,000
Fishing Tools & Service	223	0	323		372	0
Geologic/Engineering	224	0	324	355	373	0
Contract Labor	225	5,500	325	8,200	356	74,200
Company Supervision	226	63,000	326	30,000	357	93,000
Contract Supervision	227	118,000	327	129,000	358	252,000
Testing Casing/Tubing	228	20,000	328	10,000	377	30,000
Mud Logging Unit	229	52,000	329			52,000
Logging	230	0			378	0
Perforating/Wireline Services	231	4,000	331	479,000	379	483,000
Stimulation/Treating			332	397,000	380	397,000
Completion Unit			333	138,000	381	146,800
Swabbing Unit			334		382	0
Rentals-Surface	235	190,000	335	315,000	359	512,000
Rentals-Subsurface	236	150,000	336	75,000	364	225,000
Trucking/Forklift/Rig Mobilization	237	60,000	337	20,000	360	83,000
Welding Services	238	4,000	338	5,000	361	9,000
Water Disposal	239	0	339	60,000	362	195,000
Plug to Abandon	240	0	340			0
Seismic Analysis	241	0	341			0
Miscellaneous	242	0	342		389	0
Contingency	243	59,000	343	250,000	363	309,000
Closed Loop & Environmental	244	330,000	344	5,000	364	335,000
Coil Tubing			346	416,000		416,000
Flowback Crews & Equip			347	440,000		440,000
Offset Directional/Frac	248	0	348	98,000	391	98,000
TOTAL INTANGIBLES		3,304,200	7,106,700	246,000	30,300	10,687,200
TANGIBLE COSTS						
Surface Casing	401	73,000				73,000
Intermediate Casing	402	410,000				410,000
Production Casing/Liner	403	428,000				428,000
Tubing			504	47,300	530	52,300
Wellhead Equipment	405	75,000	505	22,000	531	100,000
Pumping Unit				0	506	96,000
Prime Mover				0	507	0
Rods				0	508	55,000
Pumps-Sub Surface (BH)			509		532	5,000
Tanks				510	37,000	37,000
Flowlines				511	84,000	84,000
Heater Treater/Separator				512	106,000	106,000
Electrical System				513	69,000	84,000
Packers/Anchors/Hangers	414	0	514	5,000	534	8,000
Couplings/Fittings/Valves	415	0		515	123,000	123,000
Dehydration				517		0
Injection Plant/CO2 Equipment				518		0
Pumps-Surface				521	12,000	12,000
Instrumentation/SCADA/POC				522		7,000
Miscellaneous	419	0	519		523	3,000
Contingency	420	0	520		524	0
Meters/LACT				525	31,000	31,000
Flares/Combusters/Emission				526	25,000	25,000
Gas Lift/Compression			527	15,000	516	50,000
TOTAL TANGIBLES		986,000	90,300	522,000	191,000	1,789,300
TOTAL WELL COSTS		4,290,200	7,197,000	768,000	221,300	12,476,500

COG Operating LLC

% of Total Well Cost

34%

58%

6%

2%

Date Prepared: 1/16/18

COG Operating LLC

We approve:
% Working Interest

By: RL-SM-KL-IV

Company: EOG A Resources, Inc.
By:

Printed Name:
Title:
Date:

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



January 19, 2018

US Certified Mail - 91 7199 9991 7038 1528 6163

EOG A Resources, Inc.
105 S. 4th St.
Artesia, NM 88210
Attention: Land Department

Re: Well Proposal – Fez Federal Com #602H
Sec 4: E/2 W/2 - T25S-R35E
Sec 9: E/2 W/2 - T25S-R35E
SHL: 280' FSL / 1,690' FWL, or a legal location in Sec 9 (Unit N)
BHL: 200' FNL / 1,450' FWL, or a legal location in Sec 4 (Lot 3)
Lea County, New Mexico

Dear Sir/Madam:

COG Operating LLC (COG), as Operator, hereby proposes to drill the Fez Federal Com #602H 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 12,275' and a MD of approximately 22,100' to test the Wolfbone Pool ("Operation"). The total cost of the Operation is estimated to be \$12,476,500.00, 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 W/2 of Sec. 4-T25S-R35E and the E/2 W/2 of Sec. 9-T25S-R35E. 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 farmout your leasehold under the following general terms:

- Delivery of an 80% NRI
- 2 Year Primary Term

The farmout 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) 221-0465.

Respectfully,



Mike Wallace
Senior Landman

_____ I/We hereby elect to participate in the Fez Federal Com #602H.

_____ I/We hereby elect **not** to participate in the Fez Federal Com #602H.

Company: **EOG A Resources, Inc.**

By: _____

Name: _____

Title: _____

Date: _____

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME: FEZ FEDERAL COM #602H
SHL: Sec 9 280 FSL & 1690 FWL
BHL: Sec 9 200 FNL & 1450 FWL
FORMATION: Wolfbone
LEGAL: Sec 9 T25S-R35E

PROSPECT NAME: Bulldog 2535
STATE & COUNTY: New Mexico, Lea
OBJECTIVE: DRILL AND COMPLETE
DEPTH: 22,100
TVD: 12,275

		Drig - Rig Release(D)	Completion(C)	Tank Btty Constructn(TB)	Pmpg Equipment(PEQ)	TOTAL
INTANGIBLE COSTS						
Title/Curative/Permit	201	11,000				11,000
Insurance	202	4,000	302			4,000
Damages/Right of Way	203	5,000	303	351		5,000
Survey/Stake Location	204	6,000		352		6,000
Location/Pits/Road Expense	205	60,000	305	10,000	353	57,000
Drilling / Completion Overhead	206	10,500	306		366	127,000
Turnkey Contract	207	0	307	1,461,000		10,500
Footage Contract	208	0	308	576,000		1,461,000
Daywork Contract	209	780,000	309	1,159,000		576,000
Directional Drilling Services	210	381,000	310	148,000		1,939,000
Fuel & Power	211	200,000	311	5,000	354	529,000
Water	212	60,000	312	843,000	367	205,000
Bits	213	133,200	313	4,500	368	903,000
Mud & Chemicals	214	275,000	314	25,000	369	137,700
Drill Stem Test	215	0	315		370	300,000
Coring & Analysis	216	0				0
Cement Surface	217	28,000				0
Cement Intermediate	218	75,000				28,000
Cement 2nd Intermediate/Production	219	115,000				75,000
Cement Squeeze & Other (Kickoff Plug)	220	0			371	115,000
Float Equipment & Centralizers	221	45,000				0
Casing Crews & Equipment	222	60,000				45,000
Fishing Tools & Service	223	0	323		372	60,000
Geologic/Engineering	224	0	324	355	373	0
Contract Labor	225	5,500	325	8,200	356	54,000
Company Supervision	226	63,000	326	30,000	357	6,500
Contract Supervision	227	118,000	327	129,000	358	93,000
Testing Casing/Tubing	228	20,000	328	10,000	376	252,000
Mud Logging Unit	229	52,000	329		377	30,000
Logging	230	0			378	52,000
Perforating/Wireline Services	231	4,000	331	479,000	379	0
Stimulation/Treating			332	397,000	380	483,000
Completion Unit			333	138,000	381	397,000
Swabbing Unit			334		382	146,800
Rentals-Surface	235	190,000	335	315,000	359	8,800
Rentals-Subsurface	236	150,000	336	75,000	384	0
Trucking/Forklift/Rig Mobilization	237	60,000	337	20,000	360	7,000
Welding Services	238	4,000	338	5,000	361	512,000
Water Disposal	239	0	339	60,000	362	225,000
Plug to Abandon	240	0	340		386	83,000
Seismic Analysis	241	0	341		387	3,000
Miscellaneous	242	0	342		389	9,000
Contingency	243	59,000	343	250,000	363	195,000
Closed Loop & Environmental	244	330,000	344	5,000	364	0
Coil Tubing			346	416,000		0
Flowback Crews & Equip			347	440,000		0
Offset Directional/Frac	248	0	348	98,000	391	0
TOTAL INTANGIBLES		3,304,200	7,106,700	246,000	30,300	10,687,200
TANGIBLE COSTS						
Surface Casing	401	73,000				73,000
Intermediate Casing	402	410,000				410,000
Production Casing/Liner	403	428,000				428,000
Tubing			504	47,300	530	52,300
Wellhead Equipment	405	75,000	505	22,000	531	100,000
Pumping Unit				0	506	96,000
Prime Mover				0	507	0
Rods				0	508	55,000
Pumps-Sub Surface (BH)			509		532	5,000
Tanks				37,000		37,000
Flowlines				84,000		84,000
Heater Treater/Separator				106,000		106,000
Electrical System				69,000	533	15,000
Packers/Anchors/Hangers	414	0	514	6,000	534	2,000
Couplings/Fittings/Valves	415	0		123,000		123,000
Dehydration					517	0
Injection Plant/CO2 Equipment					518	0
Pumps-Surface				12,000		12,000
Instrumentation/SCADA/POC					522	7,000
Miscellaneous	419	0	519		523	3,000
Contingency	420	0	520		524	0
Meters/LACT				31,000	536	31,000
Flares/Combusters/Emission				25,000		25,000
Gas Lift/Compression			527	15,000	516	50,000
TOTAL TANGIBLES		986,000	90,300	522,000	191,000	1,789,300
TOTAL WELL COSTS		4,290,200	7,197,000	768,000	221,300	12,476,500

COG Operating LLC

Date Prepared: 1/16/18

We approve:
_____% Working Interest

COG Operating LLC

By: RL-SM-KL-IV

Company: EOG A RESOURCES, INC.
By:

Printed Name
Title:
Date:

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



January 19, 2018

US Certified Mail - 91 7199 9991 7038 1528 6163

EOG A Resources, Inc.

105 S. 4th St.

Artesia, NM 88210

Attention: Land Department

Re: Well Proposal – Fez Federal Com #701H

Sec 4: E/2 W/2 - T25S-R35E

Sec 9: E/2 W/2 - T25S-R35E

SHL: 280' FSL / 1,720' FWL, or a legal location in Sec 9 (Unit N)

BHL: 200' FNL / 1,650' FWL, or a legal location in Sec 4 (Lot 3)

Lea County, New Mexico

Dear Sir/Madam:

COG Operating LLC (COG), as Operator, hereby proposes to drill the Fez 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 12,525' and a MD of approximately 22,300' to test the Wolfbone Pool ("Operation"). The total cost of the Operation is estimated to be \$12,554,700.00, 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 W/2 of Sec. 4-T25S-R35E and the E/2 W/2 of Sec. 9-T25S-R35E. 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 farmout your leasehold under the following general terms:

- Delivery of an 80% NRI
- 2 Year Primary Term

The farmout 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) 221-0465.

Respectfully,



Mike Wallace
Senior Landman

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

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

Company: **EOG A Resources, Inc.**

By: _____

Name: _____

Title: _____

Date: _____

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME:	FEZ FED COM #701H	PROSPECT NAME:	Bulldog 2535
SHL:	Sec 9: 280 FSL & 1720 FWL	STATE & COUNTY:	New Mexico, Lea
BHL:	Sec 4: 200 FNL & 1650 FWL	OBJECTIVE:	DRILL AND COMPLETE
FORMATION:	Wolfbone	DEPTH:	22,300
LEGAL:	Sec 9: T25S-R35E	TVD:	12,525

		Drig - Rig Release(D)	Completion(C)	Tank Btty Constrctn(TB)	Pmpg Equipment(PEQ)	TOTAL
INTANGIBLE COSTS						
Title/Curative/Permit	201	11,000				11,000
Insurance	202	4,000	302			4,000
Damages/Right of Way	203	5,000	303	351		5,000
Survey/Stake Location	204	6,000		352		6,000
Location/Pits/Road Expense	205	60,000	305	10,000	353	57,000
Drilling / Completion Overhead	206	11,100	306		366	
Turnkey Contract	207	0	307	1,461,000		1,461,000
Footage Contract	208	0	308	576,000		576,000
Daywork Contract	209	820,000	309	1,159,000		1,979,000
Directional Drilling Services	210	398,000	310	148,000		546,000
Fuel & Power	211	211,000	311	5,000	354	
Water	212	60,000	312	843,000	367	
Bits	213	133,200	313	4,500	368	
Mud & Chemicals	214	275,000	314	25,000	369	
Drill Stem Test	215	0	315		370	
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 Squeeze & Other (Kickoff Plug)	220	0			371	
Float Equipment & Centralizers	221	45,000				45,000
Casing Crews & Equipment	222	60,000				60,000
Fishing Tools & Service	223	0	323		372	
Geologic/Engineering	224	0	324	355	373	
Contract Labor	225	5,500	325	8,200	356	54,000
Company Supervision	226	66,600	326	30,000	357	
Contract Supervision	227	124,000	327	129,000	358	
Testing Casing/Tubing	228	20,000	328	10,000	377	
Mud Logging Unit	229	52,000	329			52,000
Logging	230	0			378	
Perforating/Wireline Services	231	4,000	331	479,000	379	
Stimulation/Treating			332	397,000	380	
Completion Unit			333	138,000	381	8,800
Swabbing Unit			334		382	
Rentals-Surface	235	190,000	335	315,000	359	383
Rentals-Subsurface	236	150,000	336	75,000		384
Trucking/Forklift/Rig Mobilization	237	60,000	337	20,000	360	385
Welding Services	238	4,000	338	5,000	361	386
Water Disposal	239	0	339	60,000	362	135,000
Plug to Abandon	240	0	340			
Seismic Analysis	241	0	341			
Miscellaneous	242	0	342		389	
Contingency	243	63,000	343	250,000	363	390
Closed Loop & Environmental	244	330,000	344	5,000	364	388
Coil Tubing			346	418,000		
Flowback Crews & Equip			347	440,000		
Offset Directional/Frac	248	0	348	98,000	391	
TOTAL INTANGIBLES		3,386,400	7,106,700	246,000	30,300	10,769,400
TANGIBLE COSTS						
Surface Casing	401	73,000				73,000
Intermediate Casing	402	421,000				421,000
Production Casing/Liner	403	433,000				433,000
Tubing			504	47,300	530	5,000
Wellhead Equipment	405	75,000	505	22,000	531	3,000
Pumping Unit				0	506	96,000
Prime Mover				0	507	
Rods				0	508	35,000
Pumps-Sub Surface (BH)			509		532	5,000
Tanks				37,000		37,000
Flowlines				84,000		84,000
Heater Treater/Separator				106,000		106,000
Electrical System				69,000	533	15,000
Packers/Anchors/Hangers	414	0	514	6,000	534	2,000
Couplings/Fittings/Valves	415	0			515	123,000
Dehydration					517	
Injection Plant/CO2 Equipment					518	
Pumps-Surface				12,000	521	
Instrumentation/SCADA/POC					522	7,000
Miscellaneous	419	0	519		523	3,000
Contingency	420	0	520		524	
Meters/LACT				31,000	525	
Flares/Combusters/Emission				25,000	526	
Gas Lift/Compression			527	15,000	516	35,000
TOTAL TANGIBLES		1,002,000	90,300	522,000	171,000	1,785,300
TOTAL WELL COSTS		4,388,400	7,197,000	768,000	201,300	12,554,700

COG Operating LLC

Date Prepared: 1/16/18

We approve:
% Working Interest

COG Operating LLC

By: RL-SM-KL-IV

Company: EOG A RESOURCES, INC.
By:

Printed Name:
Title:
Date:

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



January 19, 2018

US Certified Mail - 91 7199 9991 7038 1528 6125

EOG A Resources, Inc.
105 S. 4th St.
Artesia, NM 88210
Attention: Land Department

Re: Well Proposal – Fez Federal Com #603H
Sec 4: W/2 W/2 - T25S-R35E
Sec 9: W/2 W/2 - T25S-R35E
SHL: 280' FSL / 1,055' FWL, or a legal location in Sec 9 (Unit M)
BHL: 200' FNL / 950' FWL, or a legal location in Sec 4 (Lot 4)
Lea County, New Mexico

Dear Sir/Madam:

COG Operating LLC (COG), as Operator, hereby proposes to drill the Fez Federal Com #603H 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 12,275' and a MD of approximately 22,100' to test the Wolfbone Pool ("Operation"). The total cost of the Operation is estimated to be \$12,476,500.00, 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 W/2 of Sec. 4-T25S-R35E and the W/2 W/2 of Sec. 9-T25S-R35E. 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 farmout your leasehold under the following general terms:

- Delivery of an 80% NRI
- 2 Year Primary Term

The farmout 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) 221-0465.

Respectfully,



Mike Wallace
Senior Landman

_____ I/We hereby elect to participate in the Fez Federal Com #603H.

_____ I/We hereby elect not to participate in the Fez Federal Com #603H.

Company: EOG A Resources, Inc.

By: _____

Name: _____

Title: _____

Date: _____

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME:	FEZ FEDERAL COM #603H	PROSPECT NAME:	Bulldog 2535
SHL:	Sec 9: 280 FSL & 1055 FWL	STATE & COUNTY:	New Mexico, Lea
BHL:	Sec 9: 200 FNL & 950 FWL	OBJECTIVE:	DRILL AND COMPLETE
FORMATION:	Wolfbone	DEPTH:	22,100
LEGAL:	Sec 9 T25S-R35E	TVD:	12,275

		Drig - Rig Release(D)	Completion(C)	Tank Btty Constrctn(TB)	Pmpg Equipment(PEQ)	TOTAL
INTANGIBLE COSTS						
Title/Curative/Permit	201	11,000				11,000
Insurance	202	4,000	302			4,000
Damages/Right of Way	203	5,000	303	351		5,000
Survey/State Location	204	6,000		352		6,000
Location/Pits/Road Expense	205	60,000	305	10,000	353	127,000
Drilling / Completion Overhead	206	10,500	306	57,000	366	10,500
Turnkey Contract	207	0	307	1,461,000		1,461,000
Footage Contract	208	0	308	576,000		576,000
Daywork Contract	209	780,000	309	1,159,000		1,939,000
Directional Drilling Services	210	381,000	310	148,000		529,000
Fuel & Power	211	200,000	311	5,000	354	205,000
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Bits	213	133,200	313	4,500	369	137,700
Mud & Chemicals	214	275,000	314	25,000	370	300,000
Drill Stem Test	215	0	315			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 Squeeze & Other (Kickoff Plug)	220	0			371	0
Float Equipment & Centralizers	221	45,000				45,000
Casing Crews & Equipment	222	60,000				60,000
Fishing Tools & Service	223	0	323		372	0
Geologic/Engineering	224	0	324	355	373	0
Contract Labor	225	5,500	325	8,200	356	74,200
Company Supervision	226	63,000	326	30,000	357	93,000
Contract Supervision	227	118,000	327	129,000	358	252,000
Testing Casing/Tubing	228	20,000	328	10,000	377	30,000
Mud Logging Unit	229	52,000	329			52,000
Logging	230	0			378	0
Perforating/Wireline Services	231	4,000	331	479,000	379	483,000
Stimulation/Treating			332	397,000	380	397,000
Completion Unit			333	138,000	381	146,800
Swabbing Unit			334		382	0
Rentals-Surface	235	190,000	335	315,000	359	512,000
Rentals-Subsurface	236	150,000	336	75,000	384	225,000
Trucking/Forklift/Rig Mobilization	237	60,000	337	20,000	360	83,000
Welding Services	238	4,000	338	5,000	361	9,000
Water Disposal	239	0	339	60,000	362	195,000
Plug to Abandon	240	0	340			0
Seismic Analysis	241	0	341			0
Miscellaneous	242	0	342		389	0
Contingency	243	59,000	343	250,000	363	309,000
Closed Loop & Environmental	244	330,000	344	5,000	364	335,000
Coil Tubing			346	416,000		416,000
Flowback Crews & Equip			347	440,000		440,000
Offset Directional/Frac	248	0	348	98,000	391	98,000
TOTAL INTANGIBLES		3,304,200	7,106,700	246,000	30,300	10,687,200
TANGIBLE COSTS						
Surface Casing	401	73,000				73,000
Intermediate Casing	402	410,000				410,000
Production Casing/Liner	403	428,000				428,000
Tubing			504	47,300	530	52,300
Wellhead Equipment	405	75,000	505	22,000	531	100,000
Pumping Unit				0	506	96,000
Prime Mover				0	507	0
Rods				0	508	55,000
Pumps-Sub Surface (BH)			509		532	5,000
Tanks				37,000	510	37,000
Flowlines				84,000	511	84,000
Heater Treater/Separator				106,000	512	106,000
Electrical System				69,000	513	84,000
Packers/Anchors/Hangers	414	0	514	6,000	534	8,000
Couplings/Fittings/Valves	415	0		123,000	515	123,000
Dehydration					517	0
Injection Plant/CO2 Equipment					518	0
Pumps-Surface				12,000	521	12,000
Instrumentation/SCADA/POC					522	7,000
Miscellaneous	419	0	519		523	3,000
Contingency	420	0	520		524	0
Meters/LACT				31,000	525	31,000
Flares/Combustors/Emission				25,000	526	25,000
Gas Lift/Compression			527	35,000	516	50,000
TOTAL TANGIBLES		986,000	90,300	522,000	191,000	1,789,300
TOTAL WELL COSTS		4,290,200	7,197,000	768,000	221,300	12,476,500

COG Operating LLC % of Total Well Cost

34% 58% 6% 2%

Date Prepared: 1/16/18

COG Operating LLC

We approve:
_____% Working Interest

By: RL-SM-KL-IV

Company: EOGA RESOURCES, INC.

By:

Printed Name:

Title:

Date:

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



January 19, 2018

US Certified Mail - 91 7199 9991 7038 1528 6125

EOG A Resources, Inc.

105 S. 4th St.

Artesia, NM 88210

Attention: Land Department

Re: Well Proposal – Fez Federal Com #604H

Sec 4: W/2 W/2 - T25S-R35E

Sec 9: W/2 W/2 - T25S-R35E

SHL: 280' FSL / 450' FWL, or a legal location in Sec 9 (Unit M)

BHL: 200' FNL / 450' FWL, or a legal location in Sec 4 (Lot 4)

Lea County, New Mexico

Dear Sir/Madam:

COG Operating LLC (COG), as Operator, hereby proposes to drill the Fez Federal Com #604H 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 12,275' and a MD of approximately 22,100' to test the Wolfbone Pool ("Operation"). The total cost of the Operation is estimated to be \$12,476,500.00, 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 W/2 of Sec. 4-T25S-R35E and the W/2 W/2 of Sec. 9-T25S-R35E. 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 farmout your leasehold under the following general terms:

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The farmout 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) 221-0465.

Respectfully,



Mike Wallace
Senior Landman

_____ I/We hereby elect to participate in the Fez Federal Com #604H.

_____ I/We hereby elect **not** to participate in the Fez Federal Com #604H.

Company: **EOG A Resources, Inc.**

By: _____

Name: _____

Title: _____

Date: _____

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME:	FEZ FEDERAL COM #604H	PROSPECT NAME:	Bulldog 2535
SHL:	Sec 9 280 FSL & 450 FWL	STATE & COUNTY:	New Mexico, Lea
BHL:	Sec 9 200 FNL & 450 FWL	OBJECTIVE:	DRILL AND COMPLETE
FORMATION:	Wolfbone	DEPTH:	22,100
LEGAL:	Sec 9 T25S-R35E	TVD:	12,275

		Drig - Rig Release(D)	Completion(C)	Tank Btty Constrctn(TB)	Pmpg Equipment(PEQ)	TOTAL
INTANGIBLE COSTS						
Title/Curative/Permit	201	11,000				11,000
Insurance	202	4,000	302			4,000
Damages/Right of Way	203	5,000	303	351		5,000
Survey/Stake Location	204	6,000		352		6,000
Location/Pits/Road Expense	205	60,000	305	10,000	353	57,000
Drilling / Completion Overhead	206	10,500	306		366	127,000
Turnkey Contract	207	0	307	1,461,000		10,500
Footage Contract	208	0	308	576,000		1,461,000
Daywork Contract	209	780,000	309	1,159,000		576,000
Directional Drilling Services	210	381,000	310	148,000		1,939,000
Fuel & Power	211	200,000	311	5,000	354	529,000
Water	212	60,000	312	843,000	367	205,000
Bits	213	133,200	313	4,500	368	903,000
Mud & Chemicals	214	275,000	314	25,000	369	137,700
Drill Stem Test	215	0	315		370	300,000
Coring & Analysis	216	0				0
Cement Surface	217	28,000				0
Cement Intermediate	218	75,000				28,000
Cement 2nd Intermediate/Production	219	115,000				75,000
Cement Squeeze & Other (Kickoff Plug)	220	0			371	115,000
Float Equipment & Centralizers	221	45,000				0
Casing Crews & Equipment	222	60,000				45,000
Fishing Tools & Service	223	0	323		372	60,000
Geologic/Engineering	224	0	324	355	373	0
Contract Labor	225	5,500	325	8,200	356	54,000
Company Supervision	226	63,000	326	30,000	357	6,500
Contract Supervision	227	118,000	327	129,000	358	374
Testing Casing/Tubing	228	20,000	328	10,000	377	375
Mud Logging Unit	229	52,000	329			376
Logging	230	0			378	5,000
Perforating/Wireline Services	231	4,000	331	479,000	379	30,000
Stimulation/Treating			332	397,000	380	52,000
Completion Unit			333	138,000	381	483,000
Swabbing Unit			334		382	397,000
Rentals-Surface	235	190,000	335	315,000	359	8,800
Rentals-Subsurface	236	150,000	336	75,000		146,800
Trucking/Forlift/Rig Mobilization	237	60,000	337	20,000	360	0
Welding Services	238	4,000	338	5,000	361	383
Water Disposal	239	0	339	60,000	362	385
Plug to Abandon	240	0	340			135,000
Seismic Analysis	241	0	341			387
Miscellaneous	242	0	342		389	195,000
Contingency	243	59,000	343	250,000	363	0
Closed Loop & Environmental	244	330,000	344	5,000	364	389
Coil Tubing			346	416,000		390
Flowback Crews & Equip			347	440,000		398
Offset Directional/Frac	248	0	348	98,000	391	416,000
TOTAL INTANGIBLES		3,304,200	7,106,700	246,000	30,300	10,587,200
TANGIBLE COSTS						
Surface Casing	401	73,000				73,000
Intermediate Casing	402	410,000				410,000
Production Casing/Liner	403	428,000				428,000
Tubing			504	47,300	530	5,000
Wellhead Equipment	405	75,000	505	22,000	531	3,000
Pumping Unit				0	506	96,000
Prime Mover				0	507	0
Rods				0	508	55,000
Pumps-Sub Surface (BH)			509		532	5,000
Tanks				510	37,000	37,000
Flowlines				511	84,000	84,000
Heater Treater/Separator				512	106,000	106,000
Electrical System				513	69,000	69,000
Packers/Anchors/Hangers	414	0	514	6,000	533	15,000
Couplings/Fittings/Valves	415	0			534	2,000
Dehydration				515	123,000	8,000
Injection Plant/CO2 Equipment				517		123,000
Pumps-Surface				518		0
Instrumentation/SCADAPOC				521	12,000	12,000
Miscellaneous	419	0	519		529	7,000
Contingency	420	0	520		535	3,000
Meters/LACT				525		0
Flares/Combustors/Emission				526	31,000	31,000
Gas Lift/Compression			527	15,000	516	25,000
TOTAL TANGIBLES		986,000	90,300	522,000	191,000	1,789,300
TOTAL WELL COSTS		4,290,200	7,197,000	768,000	221,300	12,476,500

COG Operating LLC

% of Total Well Cost

34% 58% 6% 2%

Date Prepared: 1/16/18

COG Operating LLC

We approve:
% Working Interest

By: RL-SM-KL-IV

Company: EOG A RESOURCES, INC.

By:

Printed Name:

Title:

Date:

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



January 19, 2018

US Certified Mail - 91 7199 9991 7038 1528 6125

EOG A Resources, Inc.
105 S. 4th St.
Artesia, NM 88210
Attention: Land Department

Re: Well Proposal – Fez Federal Com #702H
Sec 4: W/2 W/2 - T25S-R35E
Sec 9: W/2 W/2 - T25S-R35E
SHL: 280' FSL / 1,115' FWL, or a legal location in Sec 9 (Unit M)
BHL: 200' FNL / 1,310' FWL, or a legal location in Sec 4 (Lot 4)
Lea County, New Mexico

Dear Sir/Madam:

COG Operating LLC (COG), as Operator, hereby proposes to drill the Fez Federal Com #702H 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 12,425' and a MD of approximately 22,300' to test the Wolfbone Pool ("Operation"). The total cost of the Operation is estimated to be \$12,554,700.00, 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 W/2 of Sec. 4-T25S-R35E and the W/2 W/2 of Sec. 9-T25S-R35E. 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 farmout your leasehold under the following general terms:

- Delivery of an 80% NRI
- 2 Year Primary Term

The farmout 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) 221-0465.

Respectfully,



Mike Wallace
Senior Landman

_____ I/We hereby elect to participate in the Fez Federal Com #702H.

_____ I/We hereby elect **not** to participate in the Fez Federal Com #702H.

Company: **EOG A Resources, Inc.**

By: _____

Name: _____

Title: _____

Date: _____

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME:	FEZ FED COM #702H	PROSPECT NAME:	Bulldog 2535
SHL	Sec 9 280 FSL & 1115 FWL	STATE & COUNTY:	New Mexico, Lea
BHL	Sec 4 200 FNL & 1310 FWL	OBJECTIVE:	DRILL AND COMPLETE
FORMATION	Wolfbone	DEPTH:	22,300
LEGAL	Sec 9 T25S-R35E	TVD	12,425

		Drig - Rig Release(D)	Completion(C)	Tank Btty Constrctn(TB)	Pmpg Equipment(PEQ)	TOTAL
INTANGIBLE COSTS						
Title/Curative/Permit	201	11,000				11,000
Insurance	202	4,000	302			4,000
Damages/Right of Way	203	5,000	303	351		5,000
Survey/Stake Location	204	6,000		352		6,000
Location/Pits/Road Expense	205	60,000	305	10,000	353	57,000
Drilling / Completion Overhead	206	11,100	306		366	
Turnkey Contract	207	0	307	1,461,000		1,461,000
Footage Contract	208	0	308	576,000		576,000
Daywork Contract	209	820,000	309	1,159,000		1,979,000
Directional Drilling Services	210	398,000	310	148,000		546,000
Fuel & Power	211	211,000	311	5,000	354	
Water	212	60,000	312	843,000	367	
Bits	213	133,200	313	4,500	368	
Mud & Chemicals	214	275,000	314	25,000	369	
Drill Stem Test	215	0	315		370	
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 Squeeze & Other (Kickoff Plug)	220	0				0
Float Equipment & Centralizers	221	45,000			371	
Casing Crews & Equipment	222	60,000				60,000
Fishing Tools & Service	223	0	323		372	
Geologic/Engineering	224	0	324	355	373	
Contract Labor	225	5,500	325	8,200	356	54,000
Company Supervision	226	66,600	326	30,000	357	
Contract Supervision	227	124,000	327	129,000	358	
Testing Casing/Tubing	228	20,000	328	10,000	376	5,000
Mud Logging Unit	229	52,000	329		377	
Logging	230	0				0
Perforating/Wireline Services	231	4,000	331	479,000	378	
Stimulation/Treating			332	397,000	379	
Completion Unit			333	138,000	380	
Swabbing Unit			334		381	8,800
Rentals-Surface	235	190,000	335	315,000	359	
Rentals-Subsurface	236	150,000	336	75,000	382	
Trucking/Forklift/Rig Mobilization	237	60,000	337	20,000	383	7,000
Welding Services	238	4,000	338	5,000	384	
Water Disposal	239	0	339	60,000	360	
Plug to Abandon	240	0	340		361	
Seismic Analysis	241	0	341		362	135,000
Miscellaneous	242	0	342		387	
Contingency	243	63,000	343	250,000	363	
Closed Loop & Environmental	244	330,000	344	5,000	364	
Coil Tubing			346	416,000	388	
Flowback Crews & Equip			347	440,000		
Offset Directional/Frac	248	0	348	98,000	391	
TOTAL INTANGIBLES		3,386,400	7,106,700	246,000	30,300	10,769,400
TANGIBLE COSTS						
Surface Casing	401	73,000				73,000
Intermediate Casing	402	421,000				421,000
Production Casing/Liner	403	433,000				433,000
Tubing			504	47,300	530	5,000
Wellhead Equipment	405	75,000	505	22,000	531	3,000
Pumping Unit				0	506	96,000
Prime Mover				0	507	
Rods				0	508	35,000
Pumps-Sub Surface (BH)			509		532	5,000
Tanks				37,000		37,000
Flowlines				84,000		84,000
Heater Treater/Separator				106,000		106,000
Electrical System				69,000	533	15,000
Packers/Anchors/Hangers	414	0	514	6,000	534	2,000
Couplings/Fittings/Valves	415	0			515	123,000
Dehydration					517	
Injection Plant/CO2 Equipment					518	
Pumps-Surface				12,000	521	
Instrumentation/SCADA/POC					522	7,000
Miscellaneous	419	0	519		523	3,000
Contingency	420	0	520		524	
Meters/LACT				31,000	525	
Flares/Combusters/Emission				25,000	526	
Gas Lift/Compression			527	15,000	516	
TOTAL TANGIBLES		1,002,000	90,300	522,000	171,000	1,785,300
TOTAL WELL COSTS		4,388,400	7,197,000	768,000	201,300	12,554,700

COG Operating LLC % of Total Well Cost 35% 57% 6% 2%

Date Prepared: 1/16/18

COG Operating LLC

We approve:
_____% Working Interest

By: RL-SM-KL-IV

Company: EOG A RESOURCES, INC.
By: _____

Printed Name:
Title:
Date: _____

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



January 19, 2018

US Certified Mail - 91 7199 9991 7038 1528 6125

EOG A Resources, Inc.

105 S. 4th St.

Artesia, NM 88210

Attention: Land Department

Re: Well Proposal – Fez Federal Com #703H

Sec 4: W/2 W/2 - T25S-R35E

Sec 9: W/2 W/2 - T25S-R35E

SHL: 280' FSL / 1,085' FWL, or a legal location in Sec 9 (Unit M)

BHL: 200' FNL / 990' FWL, or a legal location in Sec 4 (Lot 4)

Lea County, New Mexico

Dear Sir/Madam:

COG Operating LLC (COG), as Operator, hereby proposes to drill the Fez Federal Com #703H 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 12,525' and a MD of approximately 22,300' to test the Wolfbone Pool ("Operation"). The total cost of the Operation is estimated to be \$12,554,700.00, 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 W/2 of Sec. 4-T25S-R35E and the W/2 W/2 of Sec. 9-T25S-R35E. 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 farmout your leasehold under the following general terms:

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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) 221-0465.

Respectfully,



Mike Wallace
Senior Landman

_____ I/We hereby elect to participate in the Fez Federal Com #703H.

_____ I/We hereby elect not to participate in the Fez Federal Com #703H.

Company: EOG A Resources, Inc.

By: _____

Name: _____

Title: _____

Date: _____

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME: FEZ FED COM #703H	PROSPECT NAME: Bulldog 2535
SHL: Sec 9: 280 FSL & 1085 FWL	STATE & COUNTY: New Mexico, Lea
BHL: Sec 4: 200 FNL & 990 FWL	OBJECTIVE: DRILL AND COMPLETE
FORMATION: Wolfbone	DEPTH: 22,300
LEGAL: Sec 9: T25S-R35E	TVD: 12,525

		Drig - Rig Release(D)	Completion(C)	Tank Btty Constrctn(TB)	Pmpg Equipment(PEQ)	TOTAL
INTANGIBLE COSTS						
Title/Curative/Permit	201	11,000				11,000
Insurance	202	4,000	302			4,000
Damages/Right of Way	203	5,000	303	351		5,000
Survey/Stake Location	204	6,000		352		6,000
Location/Pits/Road Expense	205	60,000	305	10,000	353	57,000
Drilling / Completion Overhead	206	11,100	306		366	11,100
Turnkey Contract	207	0	307	1,461,000		1,461,000
Footage Contract	208	0	308	576,000		576,000
Daywork Contract	209	820,000	309	1,159,000		1,979,000
Directional Drilling Services	210	398,000	310	148,000		546,000
Fuel & Power	211	211,000	311	5,000	354	216,000
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Bits	213	133,200	313	4,500	368	137,700
Mud & Chemicals	214	275,000	314	25,000	369	300,000
Drill Stem Test	215	0	315		370	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 Squeeze & Other (Kickoff Plug)	220	0			371	0
Float Equipment & Centralizers	221	45,000				45,000
Casing Crews & Equipment	222	60,000				60,000
Fishing Tools & Service	223	0	323		372	0
Geologic/Engineering	224	0	324	355	373	0
Contract Labor	225	5,500	325	8,200	356	74,200
Company Supervision	226	66,600	326	30,000	357	96,600
Contract Supervision	227	124,000	327	129,000	358	258,000
Testing Casing/Tubing	228	20,000	328	10,000		30,000
Mud Logging Unit	229	52,000	329		377	52,000
Logging	230	0			378	0
Perforating/Wireline Services	231	4,000	331	479,000	379	483,000
Stimulation/Treating			332	397,000	380	397,000
Completion Unit			333	138,000	381	146,800
Swabbing Unit			334		382	0
Rentals-Surface	235	190,000	335	315,000	359	512,000
Rentals-Subsurface	236	150,000	336	75,000	383	225,000
Trucking/Forklift/Rig Mobilization	237	60,000	337	20,000	360	83,000
Welding Services	238	4,000	338	5,000	361	9,000
Water Disposal	239	0	339	60,000	362	195,000
Plug to Abandon	240	0	340		386	0
Seismic Analysis	241	0	341		387	0
Miscellaneous	242	0	342		389	0
Contingency	243	63,000	343	250,000	363	313,000
Closed Loop & Environmental	244	330,000	344	5,000	364	335,000
Coil Tubing			346	416,000		416,000
Flowback Crews & Equip			347	440,000		440,000
Offset Directional/Frac	248	0	348	98,000	391	98,000
TOTAL INTANGIBLES		3,386,400	7,106,700	246,000	30,300	10,769,400
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Surface Casing	401	73,000				73,000
Intermediate Casing	402	421,000				421,000
Production Casing/Liner	403	433,000				433,000
Tubing			504	47,300	530	52,300
Wellhead Equipment	405	75,000	505	22,000	531	100,000
Pumping Unit				0	506	96,000
Prime Mover				0	507	0
Rods				0	508	35,000
Pumps-Sub Surface (BH)			509		532	5,000
Tanks				37,000		37,000
Flowlines				84,000		84,000
Heater Treater/Separator				106,000		106,000
Electrical System				69,000	533	84,000
Packers/Anchors/Hangers	414	0	514	6,000	534	8,000
Couplings/Fittings/Valves	415	0		123,000		123,000
Dehydration					517	0
Injection Plant/CO2 Equipment					518	0
Pumps-Surface				12,000		12,000
Instrumentation/SCADA/POC					529	7,000
Miscellaneous	419	0	519		535	3,000
Contingency	420	0	520		536	0
Meters/LACT				31,000		31,000
Flares/Combusters/Emission				25,000		25,000
Gas Lift/Compression			527	15,000	528	50,000
TOTAL TANGIBLES		1,002,000	90,300	522,000	171,000	1,785,300
TOTAL WELL COSTS		4,388,400	7,197,000	768,000	201,300	12,554,700

COG Operating LLC

Date Prepared: 1/16/18

We approve:
_____% Working Interest

COG Operating LLC

By: RL-SM-KL-IV

Company: EOG A RESOURCES, INC.

By:

Printed Name:

Title:

Date:

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



January 19, 2018

US Certified Mail - 91 7199 9991 7038 1528 6125

EOG A Resources, Inc.

105 S. 4th St.

Artesia, NM 88210

Attention: Land Department

Re: Well Proposal – Fez Federal Com #704H

Sec 4: W/2 W/2 - T25S-R35E

Sec 9: W/2 W/2 - T25S-R35E

SHL: 280' FSL / 480' FWL, or a legal location in Sec 9 (Unit M)

BHL: 200' FNL / 660' FWL, or a legal location in Sec 4 (Lot 4)

Lea County, New Mexico

Dear Sir/Madam:

COG Operating LLC (COG), as Operator, hereby proposes to drill the Fez Federal Com #704H 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 12,425' and a MD of approximately 22,300' to test the Wolfbone Pool ("Operation"). The total cost of the Operation is estimated to be \$12,554,700.00, 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 W/2 of Sec. 4-T25S-R35E and the W/2 W/2 of Sec. 9-T25S-R35E. It has the following general provisions:

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- \$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 farmout your leasehold under the following general terms:

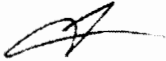
- Delivery of an 80% NRI
- 2 Year Primary Term

The farmout 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) 221-0465.

Respectfully,



Mike Wallace
Senior Landman

_____ I/We hereby elect to participate in the Fez Federal Com #704H.

_____ I/We hereby elect **not** to participate in the Fez Federal Com #704H.

Company: **EOG A Resources, Inc.**

By: _____

Name: _____

Title: _____

Date: _____

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME	FEZ FED COM #704H	PROSPECT NAME:	Bulldog 2535
SHL	Sec 9: 280 FSL & 480 FWL	STATE & COUNTY:	New Mexico, Lea
BHL	Sec 4: 200 FNL & 660 FWL	OBJECTIVE	DRILL AND COMPLETE
FORMATION	Wolfbone	DEPTH	22,300
LEGAL	Sec 9: T25S-R35E	TVD	12,425

		Drig - Rig Release(D)	Completion(C)	Tank Btty Constrctn(TB)	Pmpg Equipment(PEQ)	TOTAL
INTANGIBLE COSTS						
Title/Curative/Permit	201	11,000				11,000
Insurance	202	4,000	302			4,000
Damages/Right of Way	203	5,000	303	351		5,000
Survey/Stake Location	204	6,000		352		6,000
Location/Pits/Road Expense	205	60,000	305	10,000	353	57,000
Drilling / Completion Overhead	206	11,100	306		366	11,100
Turnkey Contract	207		307	1,461,000		1,461,000
Footage Contract	208		308	576,000		576,000
Daywork Contract	209	820,000	309	1,159,000		1,979,000
Directional Drilling Services	210	398,000	310	148,000		546,000
Fuel & Power	211	211,000	311	5,000	354	216,000
Water	212	60,000	312	843,000		903,000
Bits	213	133,200	313	4,500		137,700
Mud & Chemicals	214	275,000	314	25,000		300,000
Drill Stem Test	215		315			0
Coring & Analysis	216					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 Squeeze & Other (Kickoff Plug)	220				371	0
Float Equipment & Centralizers	221	45,000				45,000
Casing Crews & Equipment	222	60,000				60,000
Fishing Tools & Service	223		323			0
Geologic/Engineering	224		324	355		0
Contract Labor	225	5,500	325	8,200	356	54,000
Company Supervision	226	66,600	326	30,000	357	375
Contract Supervision	227	124,000	327	129,000	358	376
Testing Casing/Tubing	228	20,000	328	10,000		377
Mud Logging Unit	229	52,000	329			378
Logging	230					379
Perforating/Wireline Services	231	4,000	331	479,000		380
Stimulation/Treating			332	397,000		381
Completion Unit			333	138,000		382
Swabbing Unit			334			383
Rentals-Surface	235	190,000	335	315,000	359	384
Rentals-Subsurface	236	150,000	336	75,000		385
Trucking/Forklift/Rig Mobilization	237	60,000	337	20,000	360	386
Welding Services	238	4,000	338	5,000	361	387
Water Disposal	239		339	60,000	362	388
Plug to Abandon	240		340			391
Seismic Analysis	241		341			
Miscellaneous	242		342			
Contingency	243	63,000	343	250,000	363	
Closed Loop & Environmental	244	330,000	344	5,000	364	
Coil Tubing			346	416,000		
Flowback Crews & Equip			347	440,000		
Offset Directional/Frac	248		348	98,000		
TOTAL INTANGIBLES		3,386,400	7,106,700	246,000	30,300	10,769,400
TANGIBLE COSTS						
Surface Casing	401	73,000				73,000
Intermediate Casing	402	421,000				421,000
Production Casing/Liner	403	433,000				433,000
Tubing			504	47,300	530	5,000
Wellhead Equipment	405	75,000	505	22,000	531	3,000
Pumping Unit				0	506	96,000
Prime Mover				0	507	0
Rods				0	508	35,000
Pumps-Sub Surface (BH)			509		532	5,000
Tanks				510		37,000
Flowlines				511		84,000
Heater Treater/Separator				512		106,000
Electrical System				513	533	15,000
Packers/Anchors/Hangers	414		514	6,000	534	2,000
Couplings/Fittings/Valves	415					123,000
Dehydration				517		0
Injection Plant/CO2 Equipment				518		0
Pumps-Surface				521		12,000
Instrumentation/SCADA/POC				522	529	7,000
Miscellaneous	419		519		523	3,000
Contingency	420		520		524	0
Meters/LACT				525		31,000
Flares/Combusters/Emission				526		25,000
Gas Lift/Compression			527	15,000	516	35,000
TOTAL TANGIBLES		1,002,000	90,300	522,000	171,000	1,785,300
TOTAL WELL COSTS		4,388,400	7,197,000	768,000	201,300	12,554,700

COG Operating LLC

Date Prepared: 1/16/17

COG Operating LLC

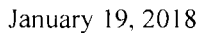
We approve:
% Working Interest

By: RL-SM-KL-IV

Company:
By:

Printed Name: EOG A RESOURCES, INC.
Title:
Date:

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



US Certified Mail - 91 7199 9991 7038 1528 6125

EOG A Resources, Inc.

105 S. 4th St.

Artesia, NM 88210

Attention: Land Department

Re: Well Proposal – Fez Federal Com #705H

Sec 4: W/2 W/2 - T25S-R35E

Sec 9: W/2 W/2 - T25S-R35E

SHL: 280' FSL / 420' FWL, or a legal location in Sec 9 (Unit M)

BHL: 200' FNL / 330' FWL, or a legal location in Sec 4 (Lot 4)

Lea County, New Mexico

Dear Sir/Madam:

COG Operating LLC (COG), as Operator, hereby proposes to drill the Fez Federal Com #705H 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 12,525' and a MD of approximately 22,300' to test the Wolfbone Pool ("Operation"). The total cost of the Operation is estimated to be \$12,554,700.00, 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 W/2 of Sec. 4-T25S-R35E and the W/2 W/2 of Sec. 9-T25S-R35E. 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 farmout your leasehold under the following general terms:

- Delivery of an 80% NRI
- 2 Year Primary Term

The farmout 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) 221-0465.

Respectfully,



Mike Wallace
Senior Landman

_____ I/We hereby elect to participate in the Fez Federal Com #705H.

_____ I/We hereby elect not to participate in the Fez Federal Com #705H.

Company: EOG A Resources, Inc.

By: _____

Name: _____

Title: _____

Date: _____

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME:	FEZ FED COM #705H	PROSPECT NAME:	Bulldog 2535
SHL:	Sec 9: 280 FSL & 420 FWL	STATE & COUNTY:	New Mexico, Lea
BHL:	Sec 4: 200 FNL & 330 FWL	OBJECTIVE:	DRILL AND COMPLETE
FORMATION:	Wolfbone	DEPTH:	22,300
LEGAL:	Sec 9: T25S-R35E	TVD:	12,525

		Drig - Rig Release(D)	Completion(C)	Tank Btty Constrctn(TB)	Pmpg Equipment(PEQ)	TOTAL
INTANGIBLE COSTS						
Title/Curative/Permit	201	11,000				11,000
Insurance	202	4,000	302			4,000
Damages/Right of Way	203	5,000	303			5,000
Survey/State Location	204	6,000		352		6,000
Location/Pths/Road Expense	205	60,000	305	10,000	353	57,000
Drilling / Completion Overhead	206	11,100	306		366	
Turnkey Contract	207	0	307	1,461,000		1,461,000
Footage Contract	208	0	308	576,000		576,000
Daywork Contract	209	820,000	309	1,159,000		1,979,000
Directional Drilling Services	210	398,000	310	148,000		546,000
Fuel & Power	211	211,000	311	5,000	354	367
Water	212	60,000	312	843,000		368
Bits	213	133,200	313	4,500		369
Mud & Chemicals	214	275,000	314	25,000		370
Drill Stem Test	215	0	315			
Coring & Analysis	216	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 Squeeze & Other (Kickoff Plug)	220	0				0
Float Equipment & Centralizers	221	45,000			371	45,000
Casing Crews & Equipment	222	60,000				60,000
Fishing Tools & Service	223	0	323		372	0
Geologic/Engineering	224	0	324	355	373	0
Contract Labor	225	5,500	325	8,200	356	54,000
Company Supervision	226	66,600	326	30,000	357	375
Contract Supervision	227	124,000	327	129,000	358	376
Testing Casing/Tubing	228	20,000	328	10,000		377
Mud Logging Unit	229	52,000	329			378
Logging	230	0				379
Perforating/Wireline Services	231	4,000	331	479,000		380
Stimulation/Treating			332	397,000		381
Completion Unit			333	138,000		382
Swabbing Unit			334			383
Rentals-Surface	235	190,000	335	315,000	359	384
Rentals-Subsurface	236	150,000	336	75,000		385
Trucking/Forklift/Rig Mobilization	237	60,000	337	20,000	360	386
Welding Services	238	4,000	338	5,000	361	387
Water Disposal	239	0	339	60,000	362	
Plug to Abandon	240	0	340			
Seismic Analysis	241	0	341			
Miscellaneous	242	0	342			389
Contingency	243	63,000	343	250,000	363	390
Closed Loop & Environmental	244	330,000	344	5,000	364	398
Coil Tubing			346	416,000		
Flowback Crews & Equip			347	440,000		
Offset Directional/Frac	248	0	348	98,000		391
TOTAL INTANGIBLES		3,386,400	7,106,700	246,000	30,300	10,769,400
TANGIBLE COSTS						
Surface Casing	401	73,000				73,000
Intermediate Casing	402	421,000				421,000
Production Casing/Liner	403	433,000				433,000
Tubing			504	47,300	530	5,000
Wellhead Equipment	405	75,000	505	22,000	531	3,000
Pumping Unit				0	506	96,000
Prime Mover				0	507	0
Rods				0	508	35,000
Pumps-Sub Surface (BH)			509		532	5,000
Tanks				510	37,000	
Flowlines				511	84,000	
Heater Treater/Separator				512	106,000	
Electrical System				513	69,000	533
Packers/Anchors/Hangers	414		514	6,000		534
Couplings/Fittings/Valves	415				515	123,000
Dehydration					517	
Injection Plant/CO2 Equipment					518	
Pumps-Surface					521	12,000
Instrumentation/SCADA/POC					522	
Miscellaneous	419		519		523	529
Contingency	420		520		524	535
Meters/LACT					525	31,000
Flares/Combustors/Emission					526	25,000
Gas Lift/Compression			527	15,000	516	35,000
TOTAL TANGIBLES		1,002,000	90,300	522,000	171,000	1,785,300
TOTAL WELL COSTS		4,388,400	7,197,000	768,000	201,300	12,554,700

COG Operating LLC

Date Prepared: 1/16/17

We approve
_____% Working Interest

COG Operating LLC

By: RL-SM-KL-IV

Company: EOG A RESOURCES, INC.
By:

Printed Name:
Title:
Date:

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

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

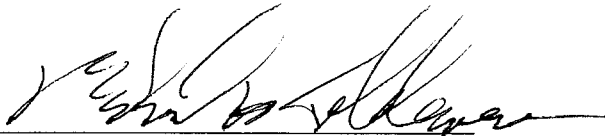
**APPLICATION OF COG OPERATING LLC
FOR A NON-STANDARD SPACING AND
PRORATION UNIT AND COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO.**

CASE NO. 16029

AFFIDAVIT

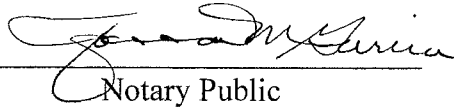
STATE OF NEW MEXICO)
) ss.
COUNTY OF SANTA FE)

Michael H. Feldewert, attorney in fact and authorized representative of COG Operating LLC, the Applicant herein, being first duly sworn, upon oath, states that the above-referenced Applications have been provided under the notice letters and proof of receipts attached hereto.

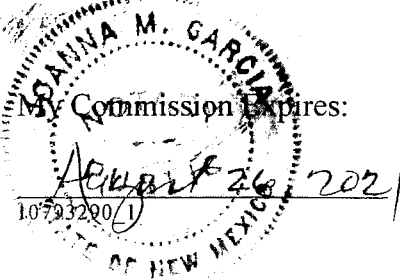


Michael H. Feldewert

SUBSCRIBED AND SWORN to before me this 21st day of March, 2018 by Michael H. Feldewert.



Notary Public





Adam G. Rankin
Associate
Phone (505) 988-4421
Fax (505) 983-6043
agrarkin@hollandhart.com

March 2, 2018

VIA CERTIFIED MAIL
CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

**Re: Application of COG Operating LLC for a non-standard spacing and
proration unit and compulsory pooling, Lea County, New Mexico.**
Fez Fed Com No. 601H Well
Fez Fed Com No. 602H Well
Fez Fed Com No. 701H Well

Ladies & Gentlemen:

This letter is to advise you that COG Operating LLC has filed the enclosed application with the New Mexico Oil Conservation Division. This application will be set for hearing before a Division Examiner at 8:15 a.m. on March 22, 2018. The hearing will be held in Porter Hall in 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 Mike Wallace, at (432) 221-0465 or MWallace@concho.com.

Sincerely,

Adam G. Rankin
ATTORNEY FOR COG OPERATING LLC

COG/Fez Fed Com E2W2 601H Well Case No. 16029 Pooling Notice list

Company	Address	City	State	Zip
Energen Resources Corporation (Unmarketable Title)	605 Richard Arrington Jr BLVD North	Birmingham	AL	35203
EOG A Resources Inc. Attention: Clay Haggard, Land Department	105 S. 4 th Street	Artesia	NM	88210
EOG A Resources, Inc. Attention: Clay Haggard, Land Department	5509 Champions Drive	Midland	TX	79706
EOG M Resources Inc. Attention: Clay Haggard, Land Department	105 S. 4 th Street	Artesia	NM	88210
EOG M Resources, Inc. Attention: Clay Haggard, Land Department	5509 Champions Drive	Midland	TX	79706
EOG Y Resources Inc. Attention: Clay Haggard, Land Department	105 S. 4 th Street	Artesia	NM	88210
EOG Y Resources Inc. Attention: Clay Haggard, Land Department	5509 Champions Drive	Midland	TX	79706
V-F Petroleum, Inc. Attention: Jerry M. Gahr	Fasken Center, Tower II 550 West Texas, Suite 230 P.O. Box 1889	Midland	TX	79702

j_garcia

10:15:54

10726200_1.xlsx



Shipment Confirmation Acceptance Notice

A. Mailer Action

Note to Mailer: The labels and volume associated to this form online, **must** match the labeled packages being presented to the USPS® employee with this form.

COG-Fez Fed E2W2 601H
Case No. 16029 - Pooled

Shipment Date: 03/01/2018

Shipped From:

Name: HOLLAND & HART LLP

Address: 110 N GUADALUPE ST #1

City: SANTA FE

State: NM ZIP+4® 87501

Type of Mail	Volume
Priority Mail Express®	
Priority Mail®	0
First-Class Package Service®	
Returns	
International*	
Other	8
Total	8

*Start time for products with service guarantees will begin when mail arrives at the local Post Office™ and items receive individual processing and acceptance scans.

B. USPS Action

Note to RSS Clerk:

1. Home screen > Mailing/Shipping > More
2. Select Shipment Confirm
3. Scan or enter the barcode/label number from PS Form 5630
4. Confirm the volume count message by selecting Yes or No
5. Select Pay and End Visit to complete transaction

USPS EMPLOYEE: Please scan upon pickup or receipt of mail.
Leave form with customer or in customer's mail receptacle.

USPS SCAN AT ACCEPTANCE



9275 0901 1935 6200 0007 3847 99



Firm Mailing Book For Accountable Mail

Name and Address of Sender Holland & Hart LLP 110 N Guadalupe St # 1 Santa Fe NM 87501		Check type of mail or service <input type="checkbox"/> Adult Signature Required <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery (COD) <input type="checkbox"/> Insured Mail <input type="checkbox"/> Priority Mail		Priority Mail Express <input type="checkbox"/> Registered Mail <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation <input type="checkbox"/> Signature Confirmation Restricted Delivery		Affix Stamp Here (if issued as an international certificate of mailing or for additional copies of this receipt). Postmark with Date of Receipt.									
USPS Tracking/Article Number	Addressee (Name, Street, City, State, & ZIP Code™)	Postage	(Extra Service) Fee	Handling Charge	Actual Value if Registered	Insured Value	Due Sender if COD	ASR Fee	ASRD Fee	RD Fee	RR Fee	SC Fee	SCRD Fee	SH Fee	
1. 9214 8901 9403 8304 6541 78	Energizer Resources Corporation (Unmarketable Title) 605 Richard Arlington Jr BLVD North Birmingham AL 35203	0.49	3.45								1.50				
2. 9214 8901 9403 8304 6541 85	EOG A Resources Inc Attention: Clay Haggard Land Department 105 S 4th Street Artesia NM 88210	0.49	3.45								1.50				
3. 9214 8901 9403 8304 6541 92	EOG A Resources Inc Attention: Clay Haggard Land Department 5509 Champions Drive Midland TX 79706	0.49	3.45								1.50				
4. 9214 8901 9403 8304 6542 08	EOG M Resources Inc Attention: Clay Haggard Land Department 105 S 4th Street Artesia NM 88210	0.49	3.45								1.50				
5. 9214 8901 9403 8304 6542 15	EOG M Resources Inc Attention: Clay Haggard Land Department 5509 Champions Drive Midland TX 79706	0.49	3.45								1.50				
6. 9214 8901 9403 8304 6542 22	EOG Y Resources Inc Attention: Clay Haggard Land Department 105 S 4th Street Artesia NM 88210	0.49	3.45								1.50				
7. 9214 8901 9403 8304 6542 39	EOG Y Resources Inc Attention: Clay Haggard Land Department 5509 Champions Drive Midland TX 79706	0.49	3.45								1.50				
8. 9214 8901 9403 8304 6542 46	V-F Petroleum Inc Attention: Jerry M Gahr Fasken Center Tower 11 550 West Texas Suite 230 P O Box 1889 Midland TX 79702	0.49	3.45								1.50				



Filter:
< No Filter >

Mail Jobs	Filter:				
Mail Pieces	< No Filter >				
Manual Mailings	Barcode	Recipient	Status	DL	Custom
Reports		M-F Petroleum Inc Attention: Jerry M Gahr	Delivered		
Setup	9214 8901 9403 8304 6542 46	Fasken Center Tower II 550 West Texas Suite 230 P O Box 1889 Midland TX 79702	Signature Received	No	
Account					
Tools					
	9214 8901 9403 8304 6542 39	EOG Y Resources Inc Attention: Clay Haggard Land Department 5509 Champions Drive Midland TX 79706	Delivered Signature Received	No	
	9214 8901 9403 8304 6542 22	EOG Y Resources Inc Attention: Clay Haggard Land Department 105 S 4th Street Artesia NM 88210	Delivered Signature Received	No	
	9214 8901 9403 8304 6542 15	EOG M Resources Inc Attention: Clay Haggard Land Department 5509 Champions Drive Midland TX 79706	Delivered Signature Received	No	
	9214 8901 9403 8304 6542 08	EOG M Resources Inc Attention: Clay Haggard Land Department 105 S 4th Street Artesia NM 88210	Delivered Signature Received	No	
	9214 8901 9403 8304 6541 92	EOG A Resources Inc Attention: Clay Haggard Land Department 5509 Champions Drive Midland TX 79706	Delivered Signature Received	No	
	9214 8901 9403 8304 6541 85	EOG A Resources Inc Attention: Clay Haggard Land Department 105 S 4th Street Artesia NM 88210	In-Transit	No	
	9214 8901 9403 8304 6541 78	Energen Resources Corporation (Unmarketable title) 605 Richard Arrington Jr BLVD North Birmingham AL 35203	Delivered Signature Received	No	

100 items per page

HOLLAND & HART



Adam G. Rankin

Associate

Phone (505) 988-4421

Fax (505) 983-6043

agrarkin@hollandhart.com

March 2, 2018

VIA CERTIFIED MAIL

RETURN RECEIPT REQUESTED

TO: OFFSETTING LESSEES AND OPERATORS

Re: Application of COG Operating LLC for a non-standard spacing and proration unit and compulsory pooling, Lea County, New Mexico.

Fez Fed Com No. 601H Well

Fez Fed Com No. 602H Well

Fez Fed Com No. 701H Well

This letter is to advise you that COG Operating LLC has filed the enclosed application with the New Mexico Oil Conservation Division. *Your interests are not being pooled under this application*, but as a lessee or operator in an offsetting tract, you are entitled to notice of this application.

This application has been set for hearing before a Division Examiner at 8:15 AM on March 22, 2018. The hearing will be held in Porter Hall in 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 with the Oil Conservation Division's Santa Fe office, four business days in advance of a scheduled hearing, but at least on the Thursday preceding the hearing. This statement must 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 Mike Wallace, at (432) 221-0465 or MWWallace@concho.com.

Sincerely,

Adam G. Rankin

ATTORNEY FOR COG OPERATING LLC

COG/Fez Fed Com E2W2 601H Well Case No. 16029 Offset Notice list

Company	Address	City	State	Zip
Apache Corp. Attention: Land Department	303 Veterans Airpark, Ste. 1000	Midland	TX	79705
Chisos, Ltd. Attention: Roland Sledge	670 Dona Ana Rd, SW	Deming	NM	88030
COG Operating LLC	One Concho Center 600 W. Illinois Ave.	Midland	TX	79701
Energen Resources Corporation	605 Richard Arrington Jr BLVD North	Birmingham	AL	35203
EOG A Resources Inc. Attention: Clay Haggard, Land Department	105 S. 4 th Street	Artesia	NM	88210
EOG A Resources, Inc. Attention: Clay Haggard, Land Department	5509 Champions Drive	Midland	TX	79706
EOG M Resources Inc. Attention: Clay Haggard, Land Department	105 S. 4 th Street	Artesia	NM	88210
EOG M Resources, Inc. Attention: Clay Haggard, Land Department	5509 Champions Drive	Midland	TX	79706
EOG Resources, Inc. Attention: Clay Haggard, Land Department	5509 Champions Drive	Midland	TX	79706
EOG Y Resources Inc. Attention: Clay Haggard, Land Department	105 S. 4 th Street	Artesia	NM	88210
EOG Y Resources Inc. Attention: Clay Haggard, Land Department	5509 Champions Drive	Midland	TX	79706
Fuel Products, Inc. Attention: Jerry M. Gahr	P.O. Box 3098	Midland	TX	79702
Gahr Energy Company Attention: Jerry M. Gahr	PO Box 1889	Midland	TX	79702
Ohio State University	281 W. Lane Ave.	Columbus	OH	43210
S.N.S. Oil & Gas Properties, Inc. Attention: Neil Sisson	P.O. Box 2234	Ardmore	OK	73402
United States of America Bureau of Land Management	P.O. Box 27115	Santa Fe	NM	87502-0115
V-F Petroleum, Inc. Attention: Jerry M. Gahr	Fasken Center, Tower II 550 West Texas, Suite 230 P.O. Box 1889	Midland	TX	79702
Thomas M. Beall	P.O. Box 3098	Midland	TX	79702

COG/Fez Fed Com E2W2 601H Well Case No. 16029 Offset Notice list

Gahr Ranch and Investments Pa	P.O. Box 1889	Midland	TX	79702
PBK Royalty & Investment LLC	P.O. Box 2234	Ardmore	OK	73402
James Turbyfill	2309 W. Golf Course Rd.	Midland	TX	79702



Shipment Confirmation Acceptance Notice

A. Mailer Action

Note to Mailer: The labels and volume associated to this form online, **must** match the labeled packages being presented to the USPS® employee with this form.

COG-Fez Fed E2W2601H
Case No 16029 - Offset

Shipment Date: 03/01/2018

Shipped From:

Name: HOLLAND & HART LLP

Address: 110 N GUADALUPE ST # 1

City: SANTA FE

State: NM ZIP+4® 87501

Type of Mail	Volume
Priority Mail Express®	
Priority Mail®	0
First-Class Package Service®	
Returns	
International*	
Other	21
Total	21

*Start time for products with service guarantees will begin when mail arrives at the local Post Office™ and items receive individual processing and acceptance scans.

B. USPS Action

Note to RSS Clerk:

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USPS Tracking/Article Number	Addressee (Name, Street, City, State, & ZIP Code™)	Postage	(Extra Service) Fee	Handling Charge	Actual Value if Registered	Insured Value	Due Sender if COD	ASR Fee	ASRD Fee	RD Fee	RR Fee	SC Fee	SCRD Fee	SH Fee
1. 9214 8901 9403 8304 6535 08	Apache Corp. Attention: Land Department 303 Veterans Airport Ste 1000 Midland TX 79705	0.49	3.45								1.50			
2. 9214 8901 9403 8304 6535 15	Chisora Ltd. Attention: Roland Sledge 670 Dona Ana Rd SW Dearing NM 88030	0.49	3.45								1.50			
3. 9214 8901 9403 8304 6535 22	COG Operating LLC One Concho Center 600 W Illinois Ave Midland TX 79701	0.49	3.45								1.50			
4. 9214 8901 9403 8304 6535 39	Energizer Resources Corporation 805 Richard Arrington Jr Blvd North Birmingham AL 35203	0.49	3.45								1.50			
5. 9214 8901 9403 8304 6535 46	EOG Resources Inc. Attention: Clay Haggard Land Department 105 S 4th Street Artesia NM 88210	0.49	3.45								1.50			
6. 9214 8901 9403 8304 6535 53	EOG Resources Inc. Attention: Clay Haggard Land Department 5509 Champions Drive Midland TX 79706	0.49	3.45								1.50			
7. 9214 8901 9403 8304 6535 60	EOG Resources Inc. Attention: Clay Haggard Land Department 105 S 4th Street Artesia NM 88210	0.49	3.45								1.50			
8. 9214 8901 9403 8304 6535 77	EOG Resources Inc. Attention: Clay Haggard Land Department 5508 Champions Drive Midland TX 79706	0.49	3.45								1.50			

Total Number of Pieces Listed by Sender 21

Total Number of Pieces Received at Post Office 21

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USPS Tracking/Article Number		Addressee (Name, Street, City, State, & ZIP Code™)		Postage	(Extra Service) Fee	Handling Charge	Actual Value if Registered	Insured Value	Due Sender if COD	ASR Fee	ASRD Fee	RD Fee	RR Fee	SC Fee	SCRD Fee	SH Fee
9. 9214 8901 9403 8304 6535 84		EOG Resources Inc. Attention: Clay Haggard, Land Department 5509 Champions Drive Midland TX 79706		0.49	3.45								1.50			
10. 9214 8901 9403 8304 6535 91		EOG Y Resources Inc. Attention: Clay Haggard Land Department 105 S 4th Street Artesia NM 88210		0.49	3.45								1.50			
11. 9214 8901 9403 8304 6536 07		EOG Y Resources Inc. Attention: Clay Haggard Land Department 5509 Champions Drive Midland TX 79706		0.49	3.45								1.50			
12. 9214 8901 9403 8304 6536 14		Fuel Products Inc. Attention: Jerry M Gahr PO BOX 3098 Midland TX 79702		0.49	3.45								1.50			
13. 9214 8901 9403 8304 6536 21		Gahr Energy Company Attention: Jerry M Gahr PO BOX 1869 Midland TX 79702		0.49	3.45								1.50			
14. 9214 8901 9403 8304 6536 38		Ohio State University 281 W Lane Ave Columbus OH 43210		0.49	3.45								1.50			
15. 9214 8901 9403 8304 6536 45		S N S Oil & Gas Properties Inc. Attention: Neil Sisson PO BOX 2234 Ardmore OK 73402		0.49	3.45								1.50			
16. 9214 8901 9403 8304 6536 52		United States of America Bureau of Land Management PO BOX 27115 Santa Fe NM 87502-0115		0.49	3.45								1.50			
Total Number of Pieces Listed by Sender 21		Postmaster, Per (Name of receiving employee)														



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Name and Address of Sender	USPS Tracking/Article Number	Addressee (Name, Street, City, State, & ZIP Code™)	Check type of mail or service <input type="checkbox"/> Adult Signature Required <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery (COD) <input type="checkbox"/> Insured Mail <input type="checkbox"/> Priority Mail <input type="checkbox"/> Priority Mail Express <input type="checkbox"/> Registered Mail <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation <input type="checkbox"/> Signature Confirmation Restricted Delivery	Affix Stamp Here (if issued as an international certificate of mailing or for additional copies of this receipt). Postmark with Date of Receipt.
Holland & Hart LLP 1-10 N Guadalupe St # 1 Santa Fe NM 87501	17. 9214 8901 9403 8304 6536 69	V-F Petroleum Inc Attention: Jerry M Gahr Fasken Center Tower 11 550 West Texas Suite 230 P O Box 1889 Midland TX 79702		
	18. 9214 8901 9403 8304 6536 76	Thomas M Beall PO BOX 3098 Midland TX 79702		
	19. 9214 8901 9403 8304 6536 83	Gahr Ranch and Investments Partnership Ltd PO BOX 1889 Midland TX 79702		
	20. 9214 8901 9403 8304 6536 90	PBK Royalty & Investment LLC PO BOX 2234 Ardmore OK 73402		
	21. 9214 8901 9403 8304 6537 06	James Turbyfill 2309 W Golf Course Rd Midland TX 79702		
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9214 8901 9403 8304 6537 06	James Turbyfill 2309 W Golf Course Rd Midland TX 79702	In-Transit	No	
9214 8901 9403 8304 6536 90	PBK Royalty & Investment LLC PO BOX 2234 Ardmore OK 73402	Delivered Signature Received	No	
9214 8901 9403 8304 6536 83	Gahr Ranch and Investments Partnership Ltd PO BOX 1889 Midland TX 79702	Delivered Signature Received	No	
9214 8901 9403 8304 6536 76	Thomas M Beall PO BOX 3098 Midland TX 79702	Delivered Signature Received	No	
9214 8901 9403 8304 6536 69	V-F Petroleum Inc Attention: Jerry M Gahr Fasken Center Tower II 550 West Texas Suite 230 P O Box 1889 Midland TX 79702	Delivered Signature Received	No	
9214 8901 9403 8304 6536 52	United States of America Bureau of Land Management PO BOX 27115 Santa Fe NM 87502-0115	In-Transit	No	
9214 8901 9403 8304 6536 45	S N S Oil & Gas Properties Inc Attention: Neil Sisson PO BOX 2234 Ardmore OK 73402	Delivered Signature Received	No	
9214 8901 9403 8304 6536 38	Ohio State University 281 W Lane Ave Columbus OH 43210	Delivered Signature Received	No	
9214 8901 9403 8304 6536 21	Gahr Energy Company Attention: Jerry M Gahr PO BOX 1889 Midland TX 79702	Delivered Signature Received	No	
9214 8901 9403 8304 6536 14	Fuel Products Inc Attention: Jerry M Gahr PO BOX 3098 Midland TX 79702	Delivered Signature Received	No	
9214 8901 9403 8304 6536 07	EOG Y Resources Inc Attention: Clay Haggard Land Department 5509 Champions Drive Midland TX 79706	Delivered Signature Received	No	
9214 8901 9403 8304 6535 91	EOG Y Resources Inc Attention: Clay Haggard Land Department 105 S 4th Street Artesia NM 88210	In-Transit	No	
9214 8901 9403 8304 6535 84	EOG Resources Inc Attention: Clay Haggard Land Department 5509 Champions Drive Midland TX 79706	Delivered Signature Received	No	

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Barcode	Recipient	Status	DL	Custom
9214 8901 9403 8304 6535 77	EOG M Resources Inc Attention: Clay Haggard Land Department 5509 Champions Drive Midland TX 79706	Delivered Signature Received	No	
9214 8901 9403 8304 6535 60	EOG M Resources Inc Attention: Clay Haggard Land Department 105 S 4th Street Artesia NM 88210	In-Transit	No	
9214 8901 9403 8304 6535 53	EOG A Resources Inc Attention: Clay Haggard Land Department 5509 Champions Drive Midland TX 79706	Delivered Signature Received	No	
9214 8901 9403 8304 6535 46	EOG A Resources Inc Attention: Clay Haggard Land Department 105 S 4th Street Artesia NM 88210	Delivered Signature Received	No	
9214 8901 9403 8304 6535 39	Energen Resources Corporation 605 Richard Arrington Jr BLVD North Birmingham AL 35203	Delivered Signature Received	No	
9214 8901 9403 8304 6535 22	COG Operating LLC One Concho Center 600 W Illinois Ave Midland TX 79701	Delivered Signature Received	No	
9214 8901 9403 8304 6535 15	Chisos Ltd Attention: Roland Sledge 670 Dona Ana Rd SW Deming NM 88030	Delivered Signature Received	No	
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HOLLAND & HART LLP



Adam G. Rankin

Associate

Phone (505) 988-4421

Fax (505) 983-6043

agrarkin@hollandhart.com

March 2, 2018

VIA CERTIFIED MAIL
CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of COG Operating LLC for a non-standard spacing and proration unit and compulsory pooling, Lea County, New Mexico.

Fez Fed Com No. 603H Well

Fez Fed Com No. 604H Well

Fez Fed Com No. 702H Well

Fez Fed Com No. 703H Well

Fez Fed Com No. 704H Well

Fez Fed Com No. 705H Well

This letter is to advise you that COG Operating LLC has filed the enclosed application with the New Mexico Oil Conservation Division. This application will be set for hearing before a Division Examiner at 8:15 a.m. on March 22, 2018. The hearing will be held in Porter Hall in 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 Mike Wallace, at (432) 221-0465 or MWallace@concho.com.

Sincerely,

Adam G. Rankin

ATTORNEY FOR COG OPERATING LLC

Holland & Hart LLP Attorneys at Law

Phone (505) 988-4421 **Fax** (505) 983-6043 **www.hollandhart.com**

Jefferson Place 110 North Guadalupe, Suite 1 Santa Fe, NM 87501 **Mailing Address** P.O. Box 2208 Santa Fe, NM 87504-2208

Alaska Colorado Idaho Montana Nevada New Mexico Utah Washington, D.C. Wyoming

COG/Fez Fed Com W2W2 603HWell Case No. 16030 - Pooling Notice list

Company	Address	City	State	Zip
Energen Resources Corporation (Unmarketable Title)	605 Richard Arrington Jr. Blvd North	Birmingham	AL	35203
EOG A Resources, Inc.	105 S. 4 th Street	Artesia	NM	88210
EOG A Resources, Inc.	5509 Champions Drive	Midland	TX	79706
EOG M Resources, Inc.	105 S. 4 th Street	Artesia	NM	88210
EOG M Resources, Inc.	5509 Champions Drive	Midland	TX	79706
EOG Y Resources, Inc.	105 S. 4 th Street	Artesia	NM	88210
EOG Y Resources, Inc.	5509 Champions Drive	Midland	TX	79706
V-F Petroleum, Inc.	P.O. Box 1889	Midland	TX	79702



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A. Mailer Action

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COG-Fez Fed 603H Pooling
Case No 16030

Shipment Date: 03/01/2018

Shipped From:

Name: HOLLAND & HART LLP

Address: 110 N GUADALUPE ST # 1

City: SANTA FE

State: NM ZIP+4® 87501

Type of Mail	Volume
Priority Mail Express®*	
Priority Mail®	0
First-Class Package Service®	
Returns	
International*	
Other	8
Total	8

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B. USPS Action

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USPS Tracking/Article Number		Addressee (Name, Street, City, State, & ZIP Code™)		Postage	(Extra Service) Fee	Handling Charge	Actual Value if Registered	Insured Value	Due Sender if COD	ASR Fee	ASRD Fee	RD Fee	RR Fee	SC Fee	SCRD Fee	SH Fee
1. 9214 8901 9403 8304 6627 91		Enviagen Resources Corporation (Unmarketable Title) 605 Richard Arrington, Jr Blvd North Birmingham AL 35203		0.49	3.45								1.50			
2. 9214 8901 9403 8304 6628 07		EOG A Resources Inc 105 S 4th Street Artesia NM 86210		0.49	3.45								1.50			
3. 9214 8901 9403 8304 6628 14		EOG A Resources Inc 5509 Champlons Drive Midland TX 79706		0.49	3.45								1.50			
4. 9214 8901 9403 8304 6628 21		EOG M Resources Inc 105 S 4th Street Artesia NM 86210		0.49	3.45								1.50			
5. 9214 8901 9403 8304 6628 38		EOG M Resources Inc 5509 Champlons Drive Midland TX 79706		0.49	3.45								1.50			
6. 9214 8901 9403 8304 6628 45		EOG Y Resources Inc 105 S 4th Street Artesia NM 86210		0.49	3.45								1.50			
7. 9214 8901 9403 8304 6628 52		EOG Y Resources Inc 5509 Champlons Drive Midland TX 79706		0.49	3.45								1.50			
8. 9214 8901 9403 8304 6628 69		V-F Petroleum Inc PO BOX 1889 Midland TX 79702		0.49	3.45								1.50			
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Addressee (Name, Street, City, State, & ZIP Code™)

25. 9214 8901 9403 8304 6626 93

Saflo Petroleum LLC PO BOX 1020 Artesia NM 88211-1020

26. 9214 8901 9403 8304 6626 09

United States of America Bureau of Land Management PO BOX 27115
Santa Fe NM 87502-0115

27. 9214 8901 9403 8304 6626 16

V-F Petroleum Inc Attention: Jerry M Gahr-Erskine Center Tower
11550 West Texas Suite 230 P O Box 1889 Midland TX 79702

28. 9214 8901 9403 8304 6626 23

Thomas M Beall PO BOX 3098 Midland TX 79702

29. 9214 8901 9403 8304 6626 30

Gahr Ranch and Investments Partnership Ltd PO BOX 1889 Midland
TX 79702

30. 9214 8901 9403 8304 6626 47

PBK Royalty & Investment LLC PO BOX 2234 Ardmore OK 73402

31. 9214 8901 9403 8304 6626 54

James Turbyfill 2309 W Golf Course Rd Midland TX 79702

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9214 8901 9403 8304 6628 69	V-F Petroleum Inc PO BOX 1889 Midland TX 79702	Delivered Signature Received	No	
9214 8901 9403 8304 6628 52	EOG Y Resources Inc 5509 Champions Drive Midland TX 79706	Delivered Signature Received	No	
9214 8901 9403 8304 6628 45	EOG Y Resources Inc 105 S 4th Street Artesia NM 88210	In-Transit	No	
9214 8901 9403 8304 6628 38	EOG M Resources Inc 5509 Champions Drive Midland TX 79706	Delivered Signature Received	No	
9214 8901 9403 8304 6628 21	EOG M Resources Inc 105 S 4th Street Artesia NM 88210	In-Transit	No	
9214 8901 9403 8304 6628 14	EOG A Resources Inc 5509 Champions Drive Midland TX 79706	Delivered Signature Received	No	
9214 8901 9403 8304 6628 07	EOG A Resources Inc 105 S 4th Street Artesia NM 88210	In-Transit	No	
9214 8901 9403 8304 6627 91	Energen Resources Corporation {Unmarketable Title} 605 Richard Arrington Jr Blvd North Birmingham AL 35203	Delivered Signature Received	No	



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10/20/2018 3:55 PM
Holland & Hart LLP

HOLLAND & HART



Adam G. Rankin

Associate

Phone (505) 988-4421

Fax (505) 983-6043

agrarkin@hollandhart.com

March 2, 2018

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO: OFFSETTING LESSEES AND OPERATORS

Re: Application of COG Operating LLC for a non-standard spacing and proration unit and compulsory pooling, Lea County, New Mexico.

Fez Fed Com No. 603H Well

Fez Fed Com No. 604H Well

Fez Fed Com No. 702H Well

Fez Fed Com No. 703H Well

Fez Fed Com No. 704H Well

Fez Fed Com No. 705H Well

This letter is to advise you that COG Operating LLC has filed the enclosed application with the New Mexico Oil Conservation Division. *Your interests are not being pooled under this application*, but as a lessee or operator in an offsetting tract, you are entitled to notice of this application.

This application has been set for hearing before a Division Examiner at 8:15 AM on March 22, 2018. The hearing will be held in Porter Hall in 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 with the Oil Conservation Division's Santa Fe office, four business days in advance of a scheduled hearing, but at least on the Thursday preceding the hearing. This statement must 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.

Holland & Hart LLP Attorneys at Law

Phone (505) 988-4421 **Fax** (505) 983-6043 **www.hollandhart.com**

Jefferson Place 110 North Guadalupe, Suite 1 Santa Fe, NM 87501 **Mailing Address** P.O. Box 2208 Santa Fe, NM 87504-2208

Alaska Colorado Idaho Montana Nevada New Mexico Utah Washington, D.C. Wyoming



If you have any questions about this matter please contact Mike Wallace, at (432) 221-0465 or MWallace@concho.com.

Sincerely,

A handwritten signature in black ink, appearing to read 'A. Rankin'.

Adam G. Rankin

ATTORNEY FOR COG OPERATING LLC

COG/Fez Fed Com W2W2 603HWell Case No. 16030 - Offset Notice list

Company	Address	City	State	Zip
Amerdev New Mexico, LLC	5707 Southwest Parkway Building 1, Ste. 275	Austin	TX	78735
Apache Corp. Attention: Land Department	303 Veterans Airpark, Ste. 1000	Midland	TX	79705
Chisos, Ltd. Attention: Roland Sledge	670 Dona Ana Rd, SW	Deming	NM	88030
COG Acreage LP	One Concho Center 600 W. Illinois Ave.	Midland	TX	79701
COG Operating LLC	One Concho Center 600 W. Illinois Ave.	Midland	TX	79701
Energen Resources Corporation	605 Richard Arrington Jr BLVD North	Birmingham	AL	35203
Energex, LLC	4425 98 th Street, Ste., 200	Lubbock	TX	79424
EOG A Resources Inc. Attention: Clay Haggard, Land Department	105 S. 4 th Street	Artesia	NM	88210
EOG A Resources, Inc. Attention: Clay Haggard, Land Department	5509 Champions Drive	Midland	TX	79706
EOG M Resources Inc. Attention: Clay Haggard, Land Department	105 S. 4 th Street	Artesia	NM	88210
EOG M Resources, Inc. Attention: Clay Haggard, Land Department	5509 Champions Drive	Midland	TX	79706
EOG Y Resources Inc. Attention: Clay Haggard, Land Department	105 S. 4 th Street	Artesia	NM	88210
EOG Y Resources Inc. Attention: Clay Haggard, Land Department	5509 Champions Drive	Midland	TX	79706
Fuel Products, Inc. Attention: Jerry M. Gahr	P.O. Box 3098	Midland	TX	79702
Gahr Energy Company Attention: Jerry M. Gahr	PO Box 1889	Midland	TX	79702
Jack's Peak, LLC	P.O. Box 294928	Kerrville	TX	78029
Jetstream New Mexico MFTC, LLC	PO Box 471396	Fort Worth	TX	76147
Leonard Legacy Royalty, LLC	P.O. Box 3422	Midland	TX	79702
LML Properties, LLC	P.O. Box 3194	Boulder	CO	80307
Marathon Oil Permian LLC	5555 San Felipe Street	Houston	TX	77056
MRC Permian Company	One Lincoln Center 5400 LBJ Freeway, Ste. 1500	Dallas	TX	75240

Ohio State University	281 W. Lane Ave.	Columbus	OH	43210
OneEnergy Partners	2929 Allen Parkway, Ste.	Houston	TX	77019
Operating, LLC	200			
S.N.S. Oil & Gas Properties, Inc.	P.O. Box 2234	Ardmore	OK	73402
Attention: Neil Sisson				
Santo Petroleum, LLC	P.O. Box 1020	Artesia	NM	88211-1020
United States of America	P.O. Box 27115	Santa Fe	NM	87502-0115
Bureau of Land Management				
V-F Petroleum, Inc.	Fasken Center, Tower II	Midland	TX	79702
Attention: Jerry M. Gahr	550 West Texas, Suite 230			
	P.O. Box 1889			
Thomas M. Beall	P.O. Box 3098	Midland	TX	79702
Gahr Ranch and Investments Partn	P.O. Box 1889	Midland	TX	79702
PBK Royalty & Investment LLC	P.O. Box 2234	Ardmore	OK	73402
James Turbyfill	2309 W. Golf Course Rd.	Midland	TX	79702



Shipment Confirmation Acceptance Notice

A. Mailer Action

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COG-Fez Fed 603H Offset
Case No 16030

Shipment Date: 03/01/2018

Shipped From:

Name: HOLLAND & HART LLP

Address: 110 N GUADALUPE ST # 1

City: SANTA FE

State: NM ZIP+4® 87501

Type of Mail	Volume
Priority Mail Express®	
Priority Mail®	0
First-Class Package Service®	
Returns	
International*	
Other	31
Total	31

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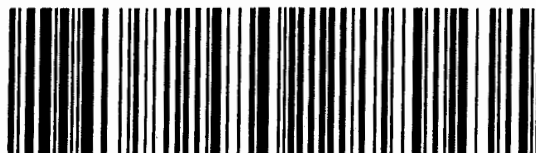
B. USPS Action

Note to RSS Clerk:

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4. Confirm the volume count message by selecting Yes or No
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1.	9214 8901 9403 8304 6623 57	Amerdev New Mexico LLC 5707 Southwest Parkway Building 1 Ste 275 Austin TX 78735		0.49	3.45								1.50			
2.	9214 8901 9403 8304 6623 64	Apache Corp. Attention: Land Department 303 Veterans Airport Ste 1000 Midland TX 79705		0.49	3.45								1.50			
3.	9214 8901 9403 8304 6623 71	Chiles Ltd. Attention: Roland Sledge 670 Donna Ave Rd SW Durning NM 88030		0.49	3.45								1.50			
4.	9214 8901 9403 8304 6623 88	COG Acreage LP One Concho Center 600 W Illinois Ave Midland TX 79701		0.49	3.45								1.50			
5.	9214 8901 9403 8304 6623 95	COG Operating LLC One Concho Center 600 W Illinois Ave Midland TX 79701		0.49	3.45								1.50			
6.	9214 8901 9403 8304 6624 01	Energen Resources Corporation 605 Richard Arrington Jr BLVD North Birmingham AL 35203		0.49	3.45								1.50			
7.	9214 8901 9403 8304 6624 18	Energen LLC 4425 98th Street Ste. 200 Lubbock TX 79424		0.49	3.45								1.50			
8.	9214 8901 9403 8304 6624 25	EOG A Resources Inc. Attention: Clay Haggard Land Department 105 S 4th Street Artesia NM 88210		0.49	3.45								1.50			
Total Number of Pieces Listed by Sender 31		Total Number of Pieces Received at Post Office		Postmaster, Per (Name of receiving employee)												



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9.	9214 8901 9403 8304 6624 32	EOG A Resources Inc Attention: Clay Haggard Land Department 5509 Champions Drive Midland TX 79706			
10.	9214 8901 9403 8304 6624 49	EOG M Resources Inc Attention: Clay Haggard Land Department S 4th Street Artesia NM 86210			
11.	9214 8901 9403 8304 6624 56	EOG M Resources Inc Attention: Clay Haggard Land Department 5509 Champions Drive Midland TX 79706			
12.	9214 8901 9403 8304 6624 63	EOG Y Resources Inc Attention: Clay Haggard Land Department S 4th Street Artesia NM 86210			
13.	9214 8901 9403 8304 6624 70	EOG Y Resources Inc Attention: Clay Haggard Land Department 5509 Champions Drive Midland TX 79706			
14.	9214 8901 9403 8304 6624 87	Fuel Products Inc Attention: Jerry M Gahr PO BOX 3068 Midland TX 79702			
15.	9214 8901 9403 8304 6624 94	Gahr Energy Company Attention: Jerry M Gahr PO BOX 1889 Midland TX 79702			
16.	9214 8901 9403 8304 6625 00	Jack's Peak LLC PO BOX 294928 Kerrville TX 78029			
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17. 9214 8901 9403 8304 6625 17		Jelstream New Mexico MFTC LLC PO BOX 471396 Fort Worth TX 76147		0.49	3.45								1.50			
18. 9214 8901 9403 8304 6625 24		Leonard Legacy Royalty LLC PO BOX 3422 Midland TX 79702		0.49	3.45								1.50			
19. 9214 8901 9403 8304 6625 31		LML Properties LLC PO BOX 3194 Boulder CO 80307		0.49	3.45								1.50			
20. 9214 8901 9403 8304 6625 48		Marathon Oil Permian LLC 5555 San Felipe Street Houston TX 77056		0.49	3.45								1.50			
21. 9214 8901 9403 8304 6625 55		MRC Permian Company One Lincoln Center 5400 LBJ Freeway Ste 1500 Dallas TX 75240		0.49	3.45								1.50			
22. 9214 8901 9403 8304 6625 62		Ohio State University 281 W Lane Ave Columbus OH 43210		0.49	3.45								1.50			
23. 9214 8901 9403 8304 6625 79		OneEnergy Partners Operating LLC 2929 Allen Parkway Ste 200 Houston TX 77019		0.49	3.45								1.50			
24. 9214 8901 9403 8304 6625 86		S N S Oil & Gas Properties Inc Attention: Neil Sison PO BOX 2234 Ardmore OK 73402		0.49	3.45								1.50			
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31																



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		<input type="checkbox"/> Adult Signature Required	<input type="checkbox"/> Priority Mail Express															
		<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail															
		<input checked="" type="checkbox"/> Certified Mail	<input type="checkbox"/> Return Receipt for Merchandise															
		<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Signature Confirmation															
		<input type="checkbox"/> Collect on Delivery (COD)	<input type="checkbox"/> Signature Confirmation Restricted Delivery															
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25.	9214 8901 9403 8304 6626 93	Santo Petroleum LLC PO BOX 1020 Artesia NM 88211-1020			0.49	3.45								1.50				
26.	9214 8901 9403 8304 6626 09	United States of America Bureau of Land Management PO BOX 27115 Santa Fe NM 87502-0115			0.49	3.45								1.50				
27.	9214 8901 9403 8304 6626 16	V-F Petroleum Inc Attention: Jerry M Gahr Fasken Center Tower II 550 West Texas Suite 230 P O Box 1889 Midland TX 79702			0.49	3.45								1.50				
28.	9214 8901 9403 8304 6626 23	Thomas M Beall PO BOX 3098 Midland TX 79702			0.49	3.45								1.50				
29.	9214 8901 9403 8304 6626 30	Gahr Ranch and Investments Partnership Ltd PO BOX 1889 Midland TX 79702			0.49	3.45								1.50				
30.	9214 8901 9403 8304 6626 47	P&K Royalty & Investment LLC PO BOX 2234 Ardmore OK 73402			0.49	3.45								1.50				
31.	9214 8901 9403 8304 6626 54	James Turbill 2309 W Golf Course Rd Midland TX 79702			0.49	3.45								1.50				
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9214 8901 9403 8304 6626 54	James Turbyfill 2309 W Golf Course Rd Midland TX 79702	Delivered Signature Received	No	
9214 8901 9403 8304 6626 47	PBK Royalty & Investment LLC PO BOX 2234 Ardmore OK 73402	Delivered Signature Received	No	
9214 8901 9403 8304 6626 30	Gahr Ranch and Investments Partnership Ltd PO BOX 1889 Midland TX 79702	Delivered Signature Received	No	
9214 8901 9403 8304 6626 23	Thomas M Beall PO BOX 3098 Midland TX 79702	Delivered Signature Received	No	
9214 8901 9403 8304 6626 16	V-F Petroleum Inc Attention: Jerry M Gahr Fasken Center Tower II 550 West Texas Suite 230 P O Box 1889 Midland TX 79702	Delivered Signature Received	No	
9214 8901 9403 8304 6626 09	United States of America Bureau of Land Management PO BOX 27115 Santa Fe NM 87502-0115	In-Transit	No	
9214 8901 9403 8304 6625 93	Santa Petroleum LLC PO BOX 1020 Artesia NM 88211-1020	Delivered Signature Received	No	
9214 8901 9403 8304 6625 86	S N S Oil & Gas Properties Inc Attention: Neil Sisson PO BOX 2234 Ardmore OK 73402	Delivered Signature Received	No	
9214 8901 9403 8304 6625 79	OneEnergy Partners Operating LLC 2929 Allen Parkway Ste 200 Houston TX 77019	Delivered Signature Received	No	
9214 8901 9403 8304 6625 62	Ohio State University 281 W Lane Ave Columbus OH 43210	Delivered Signature Received	No	
9214 8901 9403 8304 6625 55	MRC Permian Company One Lincoln Center 5400 LBJ Freeway Ste 1500 Dallas TX 75240	Delivered Signature Received	No	
9214 8901 9403 8304 6625 48	Marathon Oil Permian LLC 5555 San Felipe Street Houston TX 77056	Delivered Signature Received	No	
9214 8901 9403 8304 6625 31	LML Properties LLC PO BOX 3194 Boulder CO 80307	Delivered Signature Received	No	
9214 8901 9403 8304 6625 24	Leonard Legacy Royalty LLC PO BOX 3422 Midland TX 79702	Delivered Signature Received	No	

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Barcode	Recipient	Status	DL	Custom
9214 8901 9403 8304 6625 17	Jetstream New Mexico MFTC LLC PO BOX 471396 Fort Worth TX 76147	Delivered Signature Received	No	
9214 8901 9403 8304 6625 00	Jack?s Peak LLC PO BOX 294928 Kerville TX 78029	Delivered Signature Received	No	
9214 8901 9403 8304 6624 94	Gahr Energy Company Attention: Jerry M Gahr PO BOX 1889 Midland TX 79702	Delivered Signature Received	No	
9214 8901 9403 8304 6624 87	Fuel Products Inc Attention: Jerry M Gahr PO BOX 3098 Midland TX 79702	Delivered Signature Received	No	
9214 8901 9403 8304 6624 70	EOG Y Resources Inc Attention: Clay Haggard Land Department 5509 Champions Drive Midland TX 79706	Delivered Signature Received	No	
9214 8901 9403 8304 6624 63	EOG Y Resources Inc Attention: Clay Haggard Land Department 105 S 4th Street Artesia NM 88210	In-Transit	No	
9214 8901 9403 8304 6624 56	EOG M Resources Inc Attention: Clay Haggard Land Department 5509 Champions Drive Midland TX 79706	Delivered Signature Received	No	
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9214 8901 9403 8304 6624 32	EOG A Resources Inc Attention: Clay Haggard Land Department 5509 Champions Drive Midland TX 79706	Delivered Signature Received	No	
9214 8901 9403 8304 6624 25	EOG A Resources Inc Attention: Clay Haggard Land Department 105 S 4th Street Artesia NM 88210	In-Transit	No	
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9214 8901 9403 8304 6624 01	Energen Resources Corporation 605 Richard Arrington Jr BLVD North Birmingham AL 35203	Delivered Signature Received	No	
9214 8901 9403 8304 6623 95	COG Operating LLC One Concho Center 600 W Illinois Ave Midland TX 79701	Delivered Signature Received	No	
9214 8901 9403 8304 6623 88	COG Acreage LP One Concho Center 600 W Illinois Ave Midland TX 79701	Delivered Signature Received	No	
9214 8901 9403 8304 6623 71	Chisos Ltd Attention: Roland Sledge 670 Dona Ana Rd SW Deming NM 88030	Delivered Signature Received	No	
9214 8901 9403 8304 6623 64	Apache Corp Attention: Land Department 303 Veterans Airpark Ste 1000 Midland TX 79705	Delivered Signature Received	No	
9214 8901 9403 8304 6623 57	Amerdev New Mexico LLC 5707 Southwest Parkway Building 1 Ste 275 Austin TX 78735	Delivered Signature Received	No	

Wolfbone Pool Wolfbone Structure Map


Map Legend



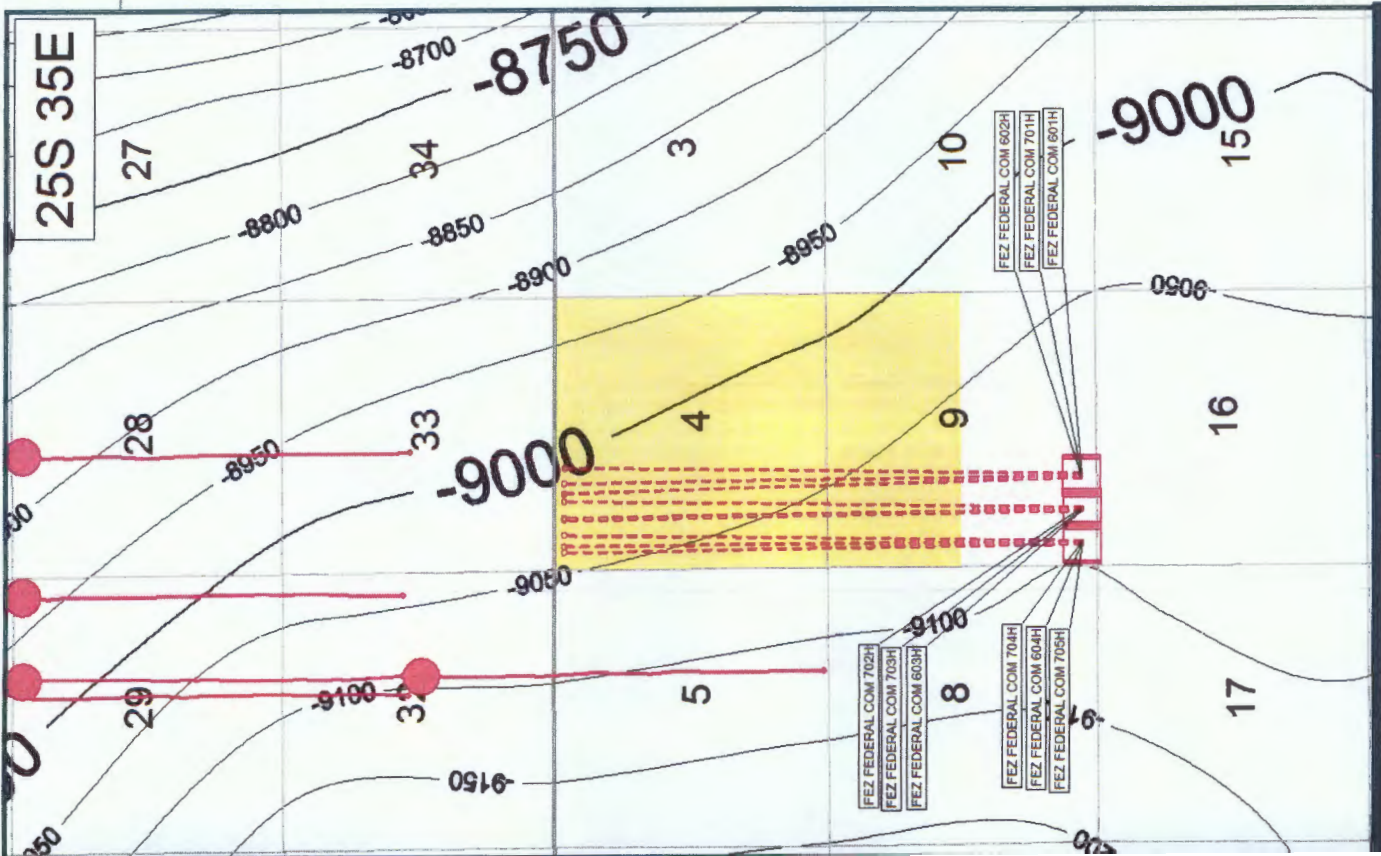
Producing Wolfbone Wells



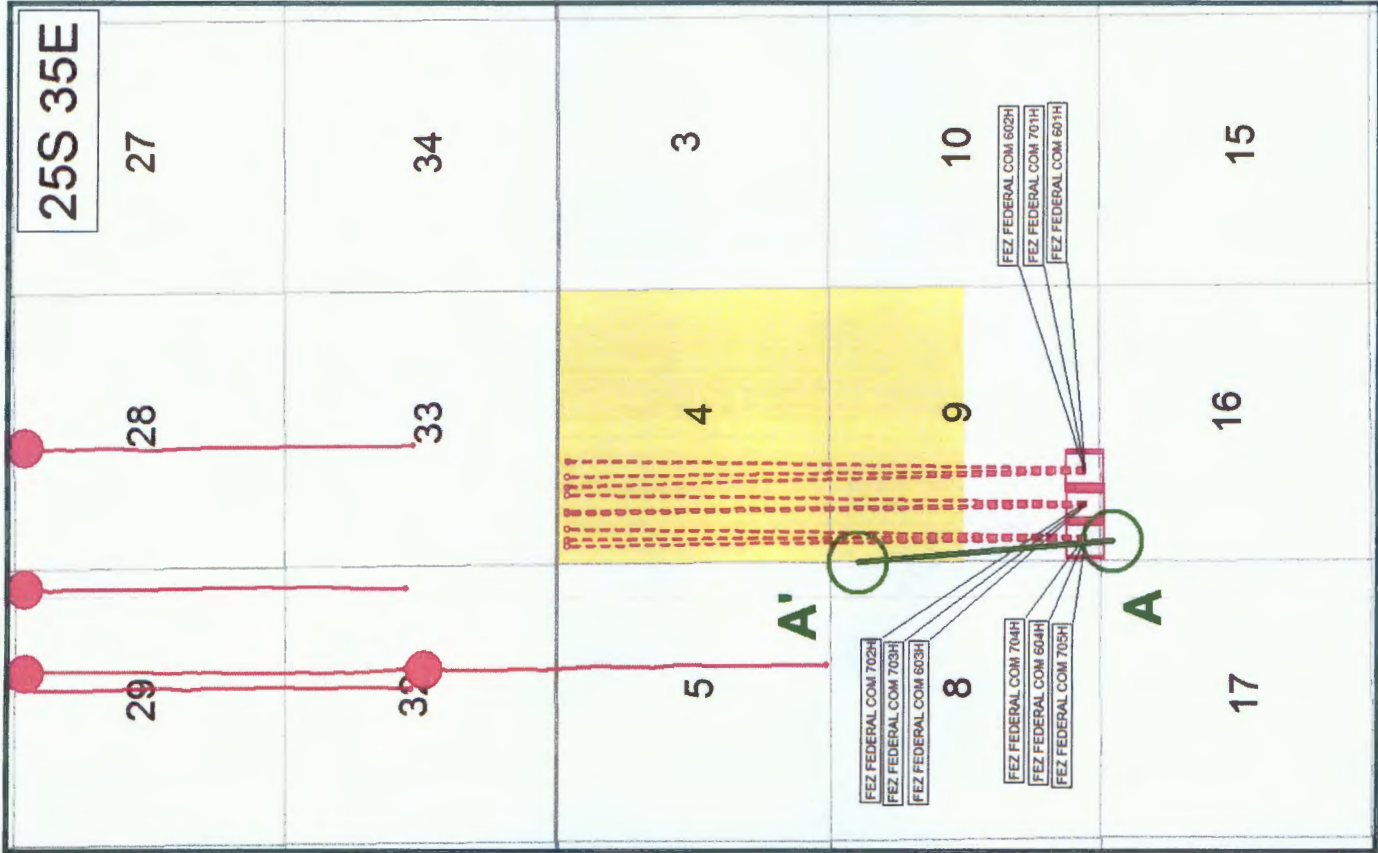
Wolfcamp Structure
Cl: 50'



COG Acreage



Wolfbone Pool Cross Section Map



Map Legend

Producing Wolfbone Wells



Cross Section Line



COG Acreage



Stratigraphic Cross Section A - A'

