

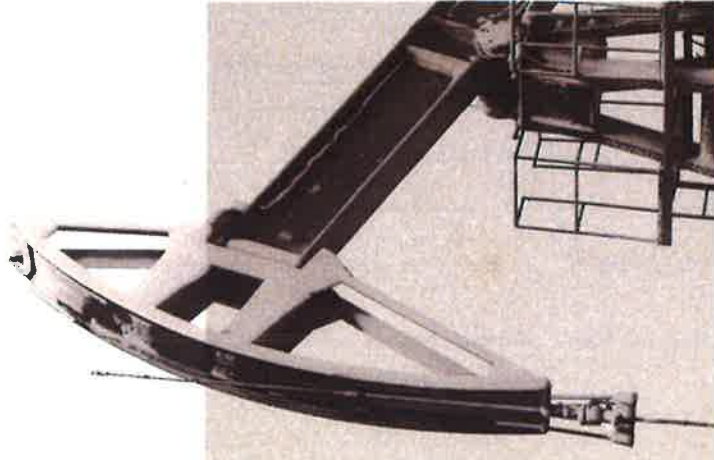
COG OPERATING LLC

Huckleberry State Com

501H, 502H, 503H, 504H, 505H, 506H, & 507H

Section 27-23S-33E

Lea County, New Mexico



DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (505) 893-0181 Fax: (505) 893-0720

DISTRICT II
611 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9728

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

DISTRICT IV
1225 N. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 478-3466 Fax: (505) 478-3464

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

OCD - HOBBS
09/26/2018
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Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 45231	Pool Code 97895	Well Name WC-025 G-08 S213304D; BONE SPRING Wildcat; Bone Spring
Property Code 322447	Property Name HUCKLEBERRY STATE COM	Well Number 501H
GRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3766.4'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	27	21-S	33-E		145	NORTH	1325	EAST	LEA

Bottom Hole Location if Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	15	21-S	33-E		200	NORTH	990	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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

<p>NO LEASE K-ING</p> <p>NAD 83 NME <u>PROPOSED BOTTOM HOLE LOCATION</u> Y=541238.2 N X=781336.4 E LAT.=32.485519° N LONG.=103.554994° W</p> <p>NAD 83 NME <u>SURFACE LOCATION</u> Y=530741.0 N X=781083.8 E LAT.=32.458672° N LONG.=103.556051° W</p>	<p>Y=541437.3 N X=780998.1 E</p> <p>Y=541440.8 N X=782324.7 E</p> <p>330' FSL & 990' FEL Y=541108.2 N X=781337.4 E LAT.=32.485162° N LONG.=103.554994° W</p> <p>330' FSL & 990' FEL Y=531217.7 N X=781415.2 E LAT.=32.457976° N LONG.=103.554976° W GRID A2, TO FIP 34'48'28"</p> <p>Y=530886.0 N X=781080.5 E</p> <p>Y=530892.8 N X=782407.7 E</p> <p>330' FSL & 990' FEL Y=531217.7 N X=781415.2 E LAT.=32.457976° N LONG.=103.554976° W GRID A2, TO FIP 34'48'28"</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><i>Mayte Reyes</i> 9-12-18 Signature Date</p> <p>Mayte Reyes Printed Name</p> <p>mreyes1@concho.com 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>AUGUST 1, 2018 Date of Survey</p> <p>Signature & Seal of Professional Surveyor</p> <p> Chad L. HARCROW NEW MEXICO 17777 LICENSED PROFESSIONAL SURVEYOR</p> <p>8/15/18 Certificate No. CHAD HARCROW 17777 W.O. # 18-836 DRAWN BY: JH</p>
--	--	--

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Exhibit No. 1

Submitted by: CONCHO COG OPER.

Hearing Date: October 18, 2018

Case Nos. 16458-16461

DISTRICT I
3025 N. FREYER BL., HOBBBS, NM 87040
Phone: (505) 952-6181 Fax: (505) 258-9783

DISTRICT II
811 S. FIRST ST., ANTERIA, NM 88210
Phone: (505) 748-1883 Fax: (505) 748-9783

DISTRICT III
1090 JOO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-8178 Fax: (505) 334-8178

DISTRICT IV
1225 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 478-3488 Fax: (505) 478-3488

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

OCD - HOBBS
09/26/2018
RECEIVED

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 45232	Pool Code 97895	Pool Name WC-025 G-08 S213304D BONE SPRING Wildcat, Bone Spring
Property Code 322447	Property Name HUCKLEBERRY STATE COM	Well Number 502H
ORRIS No. 229137	Operator Name COG OPERATING, LLC	Elevation 3764.8'

Surface Location

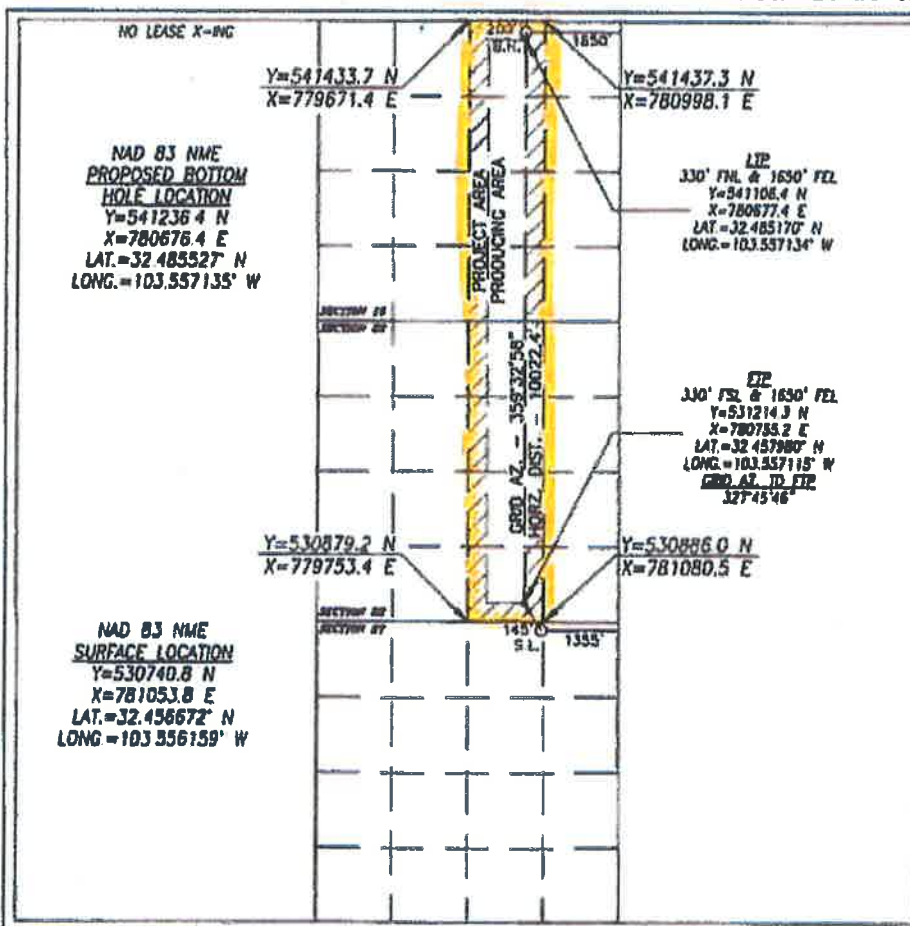
UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
B	27	21-S	33-E		145	NORTH	1355	EAST	LEA

Bottom Hole Location if Different From Surface

UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
B	15	21-S	33-E		200	NORTH	1650	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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



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 undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature Mayte Reyes Date 4-12-18

Printed Name Mayte Reyes

E-mail Address mreyes1@concho.com

E-mail Address

SURVEYOR CERTIFICATION

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

AUGUST 1, 2018

Date of Survey

Signature & Seal of Professional Surveyor



Certificate No. CHAD HARCROW 17777
W.O. # 18-635 DRAWN BY: JH

DISTRICT I
1025 W. FRANKLIN DR., HOBBS, NM 88240
Phone: (505) 325-0182 Fax: (505) 325-0728

DISTRICT II
511 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 748-1883 Fax: (505) 748-0780

DISTRICT III
1000 RIO MANAOS RD., AUSTIN, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6178

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 478-3480 Fax: (505) 478-3482

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

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

OCD - HOBBS
09/26/2018
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Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 45233	Pool Code 97895	WC-025 G-08 S21394D, BONE SPRING Wildcat; Bone Spring
Property Code 322447	Property Name HUCKLEBERRY STATE COM	Well Number 503H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3743.9'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	27	21-S	33-E		145	NORTH	2620	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	15	21-S	33-E		200	NORTH	2310	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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

NO LEASE X-RING

LTP
330' FSL & 2310' FEL
Y=541104.7 N
X=780017.4 E
LAT.=32.485178° N
LONG.=103.559275° W

PROP. B3 NME
PROPOSED BOTTOM
HOLE LOCATION
Y=541234.7 N
X=780016.4 E
LAT.=32.485536° N
LONG.=103.559275° W

PROP. B3 NME
SURFACE LOCATION
Y=530734.3 N
X=779788.8 E
LAT.=32.456580° N
LONG.=103.560260° W

FTP
330' FSL & 2310' FEL
Y=531211.0 N
X=780095.2 E
LAT.=32.457984° N
LONG.=103.559255° W
GRID AZ. TO FTP
32°44'05"

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 undivided 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.

Mayte Reyes
Signature Date 9-12-18

Mayte Reyes
Printed Name
mreyes1@concho.com
E-mail Address

SURVEYOR CERTIFICATION

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

AUGUST 1, 2018
Date of Survey

Signature & Seal of Professional Surveyor

Chad L. Harcrow
CHAD L. HARCROW
NEW MEXICO
17777
LICENSED PROFESSIONAL SURVEYOR
8/15/18
Certificate No. CHAD HARCROW 17777
W.O. # 18-836 DRAWN BY: JH

DISTRICT I
1523 N. FRANCIS DR., DOWNS, NM 86210
Phone: (505) 334-0181 Fax: (505) 334-0723

DISTRICT II
811 S. FIRST ST., ALBUQUERQUE, NM 84310
Phone: (505) 748-1823 Fax: (505) 748-0700

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

DISTRICT IV
1523 N. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 478-3400 Fax: (505) 478-3402

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

Form C-102
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District Office

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 45234	Pool Code 97895	Well Name WC-025 G-08 S213300A BONE SPRING
Property Code 322447	Property Name HUCKLEBERRY STATE COM	Well Number 504H
OCRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3741.6'

Surface Location

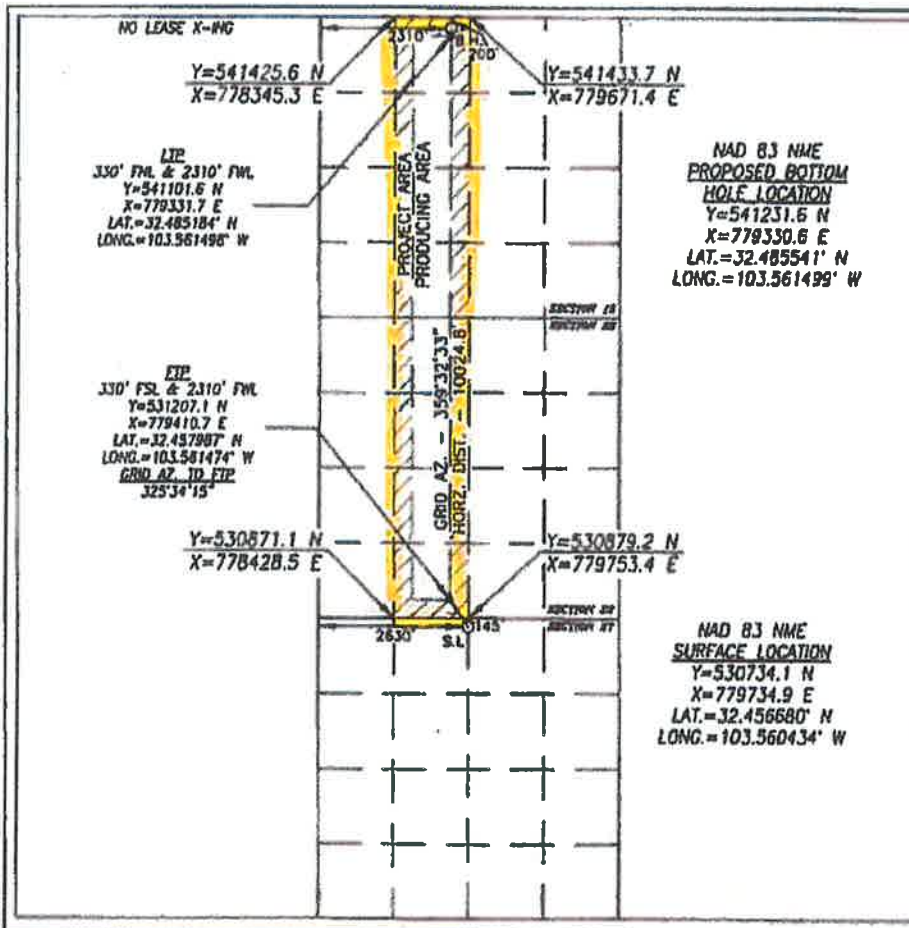
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	27	21-S	33-E		145	NORTH	2630	WEST	LEA

Bottom Hole Location if Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	15	21-S	33-E		200	NORTH	2310	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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



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 an undivided 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.

Mayle Reyes 9-12-18
Signature Date

Mayle Reyes

Printed Name

mreyes1@concho.com

E-mail Address

SURVEYOR CERTIFICATION

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

AUGUST 1, 2018

Date of Survey

Signature & Seal of Professional Surveyor



Certificate No. CHAD HARCROW 17777
W.O. # 18-837 DRAWN BY: JH

DISTRICT I
1000 N. FRANKLIN BL., BOGALUS, NM 87410
Phone: (505) 336-0181 Fax: (505) 336-0700

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 86810
Phone: (505) 745-1802 Fax: (505) 745-0700

DISTRICT III
1000 RMD BRADSHAW RD., AZTEC, NM 87410
Phone: (505) 836-0170 Fax: (505) 351-0170

DISTRICT IV
1000 S. W. FRANCIS BL., SANTA FE, NM 87505
Phone: (505) 476-5600 Fax: (505) 476-3443

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS, BOBBER
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

API Number 30-025-45207	Pool Code 97895	Pool Name WC-025 G-08 5213304D: BS
Property Code 722447	Property Name HUCKLEBERRY STATE COM	Well Number 505H
ORD No. 229137	Operator Name COG OPERATING, LLC	Elevation 3716.1'

Surface Location

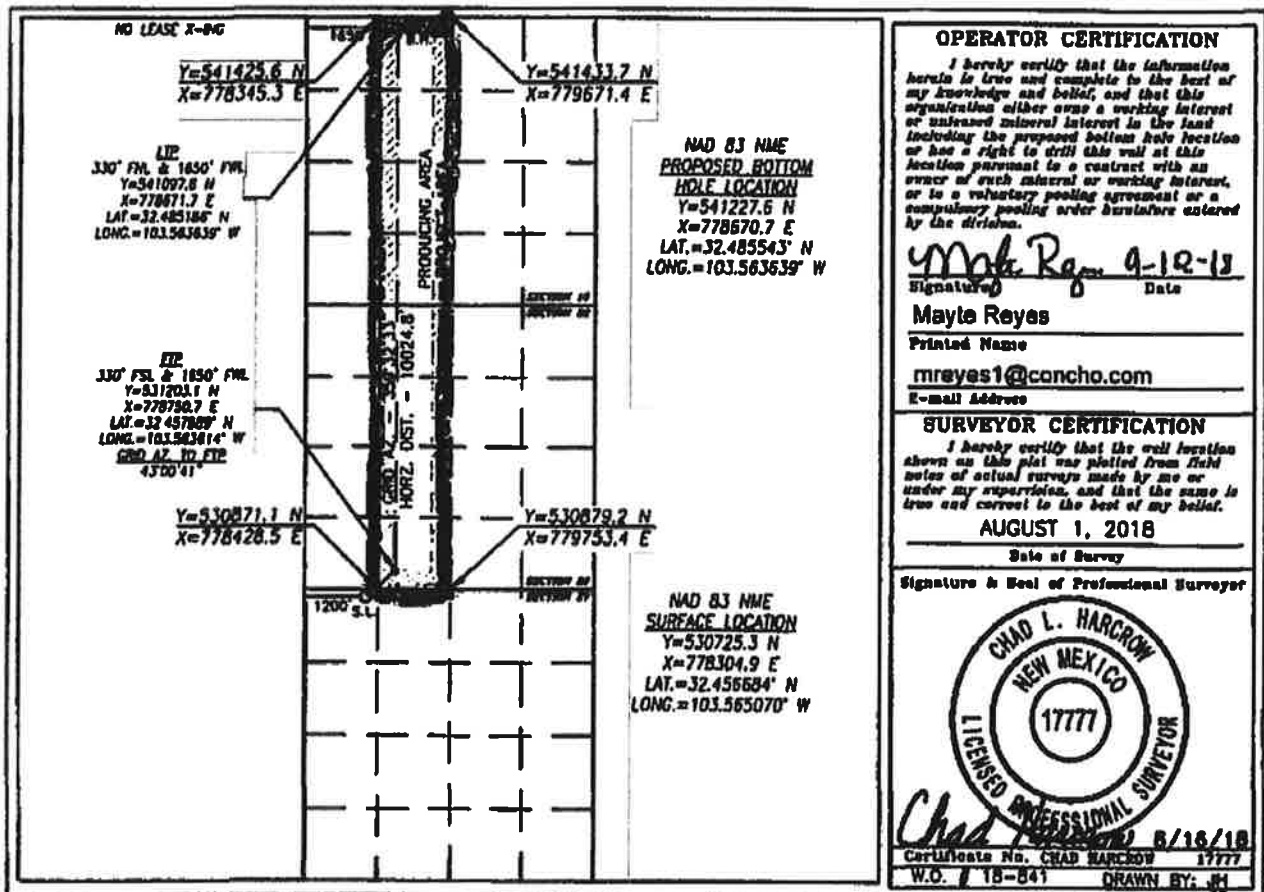
UL or 1st No.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
D	27	21-S	33-E		145	NORTH	1200	WEST	LEA

Bottom Hole Location If Different From Surface

UL or 1st No.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
C	15	21-S	33-E		200	NORTH	1650	WEST	LEA

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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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




 Certificate No. CHAD HANCOCK 17777
 W.O. # 1B-B40 DRAWN BY: JH

DISTRICT I
1800 N. FREDERICK BL., SUITE 200, ALBUQUERQUE, NM 87102
Phone (505) 242-6181 Fax (505) 242-6180

DISTRICT II
511 E. GARY ST., ALBUQUERQUE, NM 87102
Phone (505) 745-1522 Fax (505) 745-9700

DISTRICT III
1000 E. TRAILER RD., ALBUQUERQUE, NM 87102
Phone (505) 254-6170 Fax (505) 254-6170

DISTRICT IV
1000 E. GARY ST., SANTA FE, NM 87505
Phone (505) 476-3400 Fax (505) 476-3400

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-108
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Submit one copy to appropriate District Office

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-45209	Pool Code 97896	Pool Name WLC-025 6-05 4213304D; 125
Property Code 322497	Property Name HUCKLEBERRY STATE COM	Well Number 507H
GRID No. 228137	Operator Name COG OPERATING, LLC	Elevation 3714.8'

Surface Location

UL or lot No.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
D	27	21-S	33-E		145	NORTH	1140	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
D	15	21-S	33-E		200	NORTH	330	WEST	LEA

Dedicated Acres	Joint or In-PH	Consolidation Code	Order No.
320			

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

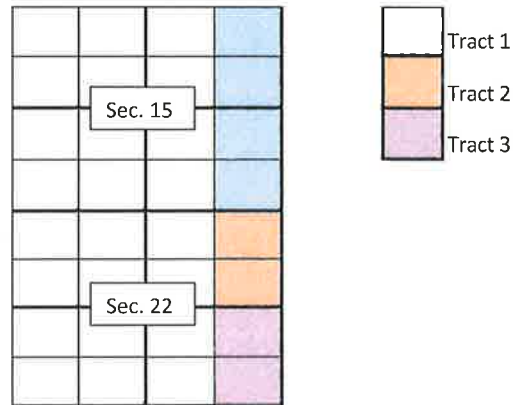
<p>NO LEASE X-ING</p> <p>Y=541417.4 N X=777019.1 E</p> <p>330' FSL & 330' FSL Y=541088.4 N X=777351.7 E LAT.=32.485187° N LONG.=103.567918° W</p> <p>330' FSL & 330' FSL Y=531195.0 N X=777143.7 E LAT.=32.457993° N LONG.=103.567993° W GRID AZ. TO FSL 299.35°</p> <p>Y=530861.0 N X=777103.6 E</p> <p>Y=541425.6 N X=778345.3 E</p> <p>Y=530871.1 N X=778428.5 E</p> <p>1140' S.L.</p> <p>PRODUCING AREA</p> <p>SECTION 27</p> <p>SECTION 28</p>	<p>NAD 83 NME PROPOSED BOTTOM HOLE LOCATION Y=541219.4 N X=777350.7 E LAT.=32.483547° N LONG.=103.567920° W</p> <p>NAD 83 NME SURFACE LOCATION Y=530725.0 N X=778244.9 E LAT.=32.456685° N LONG.=103.563265° 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 unless mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <i>Mayte Reyes</i> Date: 9-12-18</p> <p>Printed Name: Mayte Reyes</p> <p>E-mail Address: mreyes1@concho.com</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>Date of Survey: AUGUST 1, 2018</p> <p>Signature & Seal of Professional Surveyor</p> <p>CHAD L. HARCROW NEW MEXICO 17777 LICENSED PROFESSIONAL SURVEYOR</p> <p>8/16/18</p> <p>Certificate No. CHAD HARCROW 17777</p> <p>W.O. # 18-839 DRAWN BY: JH</p>
---	--	--

COG Operating, LLC – Huckleberry State Com 501H

E2E2 Section 15, T21S-R33E

E2E2 Section 22, T21S-R33E

Limited in depth to the Bone Spring Formation



Tract 1: Section 15: E2E2 (160 acres)

COG Operating, LLC	100%
--------------------	------

Tract 2: Section 22: E2NE (80 acres)

COG Operating, LLC	100%
--------------------	------

Tract 3: Section 22: E2SE (80 acres)

COG Operating, LLC	34.70377800%
Centennial Resources Production, LLC	40.29622300%
The Allar Company	13.43207400%
EOG M Resources, Inc.	1.15679200%
EOG A Resources, Inc.	1.15679200%
EOG Y Resources, Inc.	9.25434100%
Total	100.00000000%

Unit Working Interest

COG Operating, LLC	83.67594450%
Centennial Resources Production, LLC	10.07405575%
The Allar Company	3.35801850%
EOG M Resources, Inc.	0.28919800%
EOG A Resources, Inc.	0.28919800%
EOG Y Resources, Inc.	2.31358525%
Total	100.00000000%

Record Title Owner Tract 1

COG Operating, LLC	100%
--------------------	------

Record Title Owner Tract 2

Cimarex Energy Co.	100%
--------------------	------

Record Title Owner Tract 3

EOG Y Resources, Inc.	100%
-----------------------	------

Uncommitted Working interest Owners

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. 2
Submitted by: **CONCHO COG OPER.**
Hearing Date: October 18, 2018
Case Nos. 16458-16461

Overriding Royalty Owners

GMT New Mexico Royalty Company LLC
1560 Broadway, Suite 2000
Denver, CO 80202

EOG Y/A/M Resources, Inc.
5509 Champions Dr.
Midland, TX 79706

DG Royalty, LLC
110 N Marienfeld, Ste. 200
Midland, TX 79701

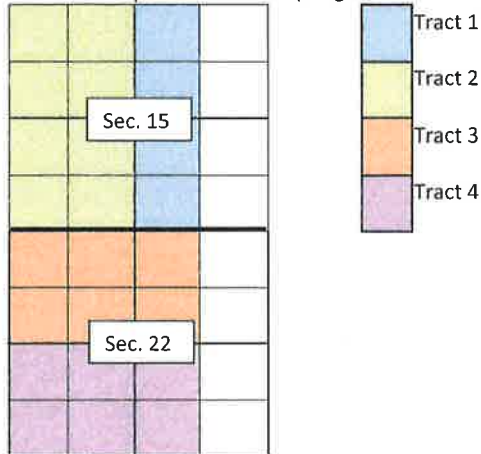
Charis Royalty F, LP
1401 Rainbow Street
Southlake, TX 76092

COG Operating, LLC – Huckleberry State Com 502H - 507H

W2E2, W2 Section 15, T21S-R33E

W2E2, W2 Section 22, T21S-R33E

Limited in depth to the Bone Spring Formation



Tract 1: Section 15: W2E2 (160 acres)

COG Operating, LLC	100%
--------------------	------

Tract 2: Section 15: W2 (320 acres)

COG Operating, LLC	100%
--------------------	------

Tract 3: Section 22: W2NE, NW (240 acres)

COG Operating, LLC	100%
--------------------	------

Tract 4: Section 22: W2SE, SW (240 acres)

COG Operating, LLC	75.000001%
The Allar Company	13.432074%
EOG M Resources, Inc.	1.156792%
EOG A Resources, Inc.	1.156792%
EOG Y Resources, Inc.	9.254341%
Total	100.00000000%

Unit Working Interest

COG Operating, LLC	93.75000025%
The Allar Company	3.35801850%
EOG M Resources, Inc.	0.28919800%
EOG A Resources, Inc.	0.28919800%
EOG Y Resources, Inc.	2.31358525%
Total	100.00000000%

Record Title Owner Tract 1

COG Operating, LLC	100%
--------------------	------

Record Title Owner Tract 2

COG Operating, LLC	100%
--------------------	------

Record Title Owner Tract 3

Cimarex Energy Co.	100%
--------------------	------

Record Title Owner Tract 4

EOG Y Resources, Inc.	100%
-----------------------	------

 Uncommitted Working interest Owners

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Exhibit No. 3

Submitted by: CONCHO COG OPER.

Hearing Date: October 18, 2018

Case Nos. 16458-16461

Overriding Royalty Owners

GMT New Mexico Royalty Company LLC
1560 Broadway, Suite 2000
Denver, CO 80202

EOG Y/A/M Resources, Inc.
5509 Champions Dr.
Midland, TX 79706

DG Royalty, LLC
110 N Marienfeld, Ste. 200
Midland, TX 79701

Charis Royalty F, LP
1401 Rainbow Street
Southlake, TX 76092



May 29, 2018

Federal Express

The Allar Company
735 Elm Street
Graham, Texas 76450

Luke Bedrick, CPL
Senior Landman
COG Operating LLC
One Concho Center
600 West Illinois Avenue
Midland, Texas 79701

Main: 432-683-7443
Direct: 432-686-3000
LBedrick@concho.com

Re: Well Proposal – Huckleberry State Com #501H

Section 15: E½E½

Section 22: E½E½

Township 21 South, Range 33 East, N.M.P.M.

SHL: 145' FNL & 1325' FEL, or an approved legal location in Sec. 27

BHL: 200' FNL & 990' FEL, or an approved legal location in Sec. 15

Lea County, New Mexico

Gentlemen:

COG Operating LLC ("COG"), as Operator, hereby proposes the drilling and completion of the Huckleberry State Com #501H 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 10,591' and a MD of approximately 20,400' to test the Bone Spring formation ("Operation"). The total cost of the Operation is estimated to be \$11,707,250, and a detailed description of the cost is set out in the enclosed Authority for Expenditure ("AFE").

COG is proposing to drill and complete this well under the terms of the AAPL Form 610-1989 (Horizontal Modified) Operating Agreement which is enclosed for your review. A completed executable copy will be provided upon final negotiations. The Operating Agreement covers the E½E½ of Sections 15 and 22, T21S-R33E, Lea County, New Mexico ("Contract Area") and contains general provisions:

- 100% / 300% Non-consenting penalty
- \$7,000/\$700 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your participation election in the space provided on page 2, 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 proposes to acquire your interest via term assignment. It will have the following general provisions:

- 3 year primary term
- Delivering a 80% NRI, proportionately reduced
- \$750 per net acre bonus consideration

The Term Assignment offer terminates June 15, 2018 and is subject to the approval of COG's management and verification of title.

One Concho Center / 600 West Illinois Avenue / Midland, Texas 79701 / P 432-683-7443 / F 432-321-0650

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. 4
Submitted by: CONCHO COG OPER.
Hearing Date: October 18, 2018
Case Nos. 16458-16461

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 432-686-3000.

Respectfully,
COG OPERATING LLC



Luke Bedrick, CPL
Senior Landman
Northern Delaware Basin – East

LB:lr

Encl.

_____ I/we hereby elect to participate in the Huckleberry State Com #501H.

_____ I/we hereby elect not to participate in the Huckleberry State Com #501H.

Company or
Individual Name: _____ The Allar Company _____

By: _____

Name: _____

Title: _____

Date: _____



**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME:	Huckleberry State Com #501H	PROSPECT NAME:	Zues 2133 (717079)
SHL: Sec. 27	145 FNL & 1325 FEL (or an approved legal location)	STATE & COUNTY:	New Mexico, Lea
BHL: Sec. 15	200 FNL & 990 FEL (or an approved legal location)	OBJECTIVE:	Drill & Complete
FORMATION:	2nd BSS	DEPTH:	20,400
LEGAL:	Sections 15 & 22, T21S-R33E	TVD:	10,591

		Drig - Rig Release(D)	Completion(C)	Tank Btty Constrctn(TB)	Pmpg Equipment(PEQ)	TOTAL
INTANGIBLE COSTS						
Title/Cure/Permit	201	11,000				11,000
Insurance	202	4,000	302			4,000
Damages/Right of Way	203	5,000		351		5,000
Survey/State Location	204	6,000		352		6,000
Location/Pits/Road Expense	205	135,000	305	10,000	353	183,750
Drilling / Completion Overhead	206	8,700	306			8,700
Turnkey Contract	207					0
Footage Contract	208					0
Daywork Contract	209	660,000				660,000
Directional Drilling Services	210	226,000				226,000
Frac Equipment			307	1,403,000		1,403,000
Frac Chemicals			308	914,000		914,000
Frac Proppant			309	1,225,000		1,225,000
Frac Proppant Transportation			310	154,000		154,000
Fuel & Power	211	166,000	311	3,500	354	169,500
Water	212	105,000	312	982,000	367	1,087,000
Bits	213	92,000	313	9,000	368	101,000
Mud & Chemicals	214	85,000	314	46,000	369	131,000
Drill Stem Test	215		315		370	0
Coring & Analysis	216					0
Cement Surface	217	37,000				37,000
Cement Intermediate	218	60,000				60,000
Cement 2nd Intermediate/Production	219	130,000				130,000
Cement Squeeze & Other (Kickoff Plug)	220	0			371	0
Float Equipment & Centralizers	221	50,000				50,000
Casing Crews & Equipment	222	47,000				47,000
Fishing Tools & Service	223	0	323		372	0
Geologic/Engineering	224	0	324	355	373	0
Contract Labor	225	6,500	325	23,800	356	126,800
Company Supervision	226	52,200	326	15,000	357	67,200
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Testing Casing/Tubing	228	20,000	328	10,000	377	30,000
Mud Logging Unit	229	37,000	329			37,000
Logging	230	0			378	0
Perforating/Wireline Services	231	4,000	331	508,000	379	512,000
Stimulation/Treating			332	12,000	380	12,000
Completion Unit			333	138,000	381	146,800
Swabbing Unit			334		382	0
Rentals-Surface	235	140,000	335	296,000	359	443,000
Rentals-Subsurface	236	135,000	336	80,000	384	215,000
Trucking/Forklift/Rig Mobilization	237	115,000	337	40,000	360	158,000
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		387	0
Seismic Analysis	241	0	341			0
Miscellaneous	242	0	342	5,000	389	5,000
Contingency	243	49,000	343	250,000	363	299,000
Closed Loop & Environmental	244	270,000	344		354	270,000
Dyed Diesel	245		345	455,000	364	
Coil Tubing			346	325,000		325,000
Flowback Crews & Equip			347	48,000		48,000
Offset Directional/Frac	248		348		391	0
TOTAL INTANGIBLES		2,760,400	7,221,300	263,750	30,300	10,275,750
TANGIBLE COSTS						
Surface Casing	401	63,000				63,000
Intermediate Casing	402	166,000				166,000
Production Casing/Liner	403	379,000				379,000
Tubing			504	48,800	530	53,800
Wellhead Equipment	405	28,000	505	20,900	531	51,900
Pumping Unit					506	96,000
Prime Mover					507	0
Rods					508	35,000
Pumps-Sub Surface (BH)			509	0	532	5,000
Tanks				510	34,500	34,500
Flowlines				511	97,500	97,500
Heater Treater/Separator				512	85,000	85,000
Electrical System				513	75,000	90,000
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Couplings/Fittings/Valves	415			515	95,000	95,000
Dehydration				517		0
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Instrumentation/SCADA/POC				522		7,000
Miscellaneous	419		519	523	3,000	3,000
Contingency	420		520	524		0
Meters/LACT				525	29,563	29,563
Flares/Combustors/Emission				526	15,625	15,625
Gas Lift/Compression			527	15,000	516	50,000
TOTAL TANGIBLES		636,000	149,500	475,000	171,000	1,431,500
TOTAL WELL COSTS		3,396,400	7,370,800	738,750	201,300	11,797,250

COG Operating LLC

Date Prepared: 4-2018

We approve:
% Working Interest

COG Operating LLC

By:

Company: The Affar Company
By:

Printed Name:

Title:

Date:

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



Federal Express

May 29, 2018

The Allar Company
735 Elm Street
Graham, Texas 76450

Luke Bedrick, CPL
Senior Landman
COG Operating LLC
One Concho Center
600 West Illinois Avenue
Midland, Texas 79701

Main: 432-683-7443
Direct: 432-686-3000
LBedrick@concho.com

Re: Well Proposal – Huckleberry State Com #502H
Section 15: W½E½
Section 22: W½E½
Township 21 South, Range 33 East, N.M.P.M.
SHL: 145' FNL & 1355' FEL, or an approved legal location in Sec. 27
BHL: 200' FNL & 1650' FEL, or an approved legal location in Sec. 15
Lea County, New Mexico

Gentlemen:

COG Operating LLC ("COG"), as Operator, hereby proposes the drilling and completion of the Huckleberry State Com #502H 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 10,953' and a MD of approximately 20,800' to test the Bone Spring formation ("Operation"). The total cost of the Operation is estimated to be \$11,707,250, and a detailed description of the cost is set out in the enclosed Authority for Expenditure ("AFE").

COG is proposing to drill and complete this well under the terms of the AAPL Form 610-1989 (Horizontal Modified) Operating Agreement which is enclosed for your review. A completed executable copy will be provided upon final negotiations. The Operating Agreement covers the W½E½ of Sections 15 & 22, T21S-R33E, Lea County, New Mexico ("Contract Area") and contains general provisions:

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Respectfully,
COG OPERATING LLC



Luke Bedrick, CPL
Senior Landman
Northern Delaware Basin – East

LB:lr

Encl.

_____ I/we hereby elect to participate in the Huckleberry State Com #502H.

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Company or
Individual Name: The Allar Company

By: _____

Name: _____

Title: _____

Date: _____

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME: Huckleberry State Com #502H	PROSPECT NAME: Zeus 2133 (717079)
SHL: Sec. 27 145 FNL & 1355 FEL (or an approved legal location)	STATE & COUNTY: New Mexico, Lea
BHL: Sec. 15 200 FNL & 1650 FEL (or an approved legal location)	OBJECTIVE: Drill & Complete
FORMATION: 2ND BSS	DEPTH: 20,800
LEGAL: Sections 15 & 22, T21S-R33E	TVD: 10,953

		Drig - Rlg 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
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COG Operating LLC

Date Prepared: 4-2018

We approve:
% Working Interest

COG Operating LLC

Company: The Altar Company
By:

By:

Printed Name:
Title:
Date:

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May 29, 2018

The Allar Company
735 Elm Street
Graham, Texas 76450

Federal Express

Luke Bedrick, CPL
Senior Landman
COG Operating LLC
One Concho Center
600 West Illinois Avenue
Midland Texas 79701

Main: 432-683-7443
Direct: 432-686-3000
LBedrick@concho.com

Re: Well Proposal – Huckleberry State Com #503H

Section 15: W $\frac{1}{4}$ E $\frac{1}{4}$

Section 22: W $\frac{1}{4}$ E $\frac{1}{4}$

Township 21 South, Range 33 East, N.M.P.M.

SHL: 145' FNL & 2620' FEL, or an approved legal location in Sec. 27

BHL: 200' FNL & 2310' FEL, or an approved legal location in Sec. 15

Lea County, New Mexico

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Respectfully,
COG OPERATING LLC



Luke Bedrick, CPL
Senior Landman
Northern Delaware Basin – East

LB:lr

Encl.

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_____ I/we hereby elect not to participate in the Huckleberry State Com #503H.

Company or
Individual Name: _____ The Allar Company

By: _____

Name: _____

Title: _____

Date: _____



**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

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TOTAL WELL COSTS		3,396,400	7,370,800	738,750	201,300	11,707,250

COG Operating LLC

Date Prepared: 4-2018

We approve:
_____% Working Interest

COG Operating LLC

By: _____

Company: Amex Energy 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.



May 29, 2018

Federal Express

The Allar Company
735 Elm Street
Graham, Texas 76450

Luke Bedrick, CPL
Senior Landman
COG Operating LLC
One Canyon Center
200 West Illinois Avenue
Midland, Texas 79701

Phone: 432-690-7483
Direct: 432-690-7483
Cell: 432-690-7483

Re: **Well Proposal – Huckleberry State Com #504H**

Section 15: E $\frac{1}{2}$ W $\frac{1}{2}$

Section 22: E $\frac{1}{2}$ W $\frac{1}{2}$

Township 21 South, Range 33 East, N.M.P.M.

SHL: 145' FNL & 2630' FWL, or an approved legal location in Sec. 27

BHL: 200' FNL & 2310' FWL, or an approved legal location in Sec. 15

Lea County, New Mexico

Gentlemen:

COG Operating LLC ("COG"), as Operator, hereby proposes the drilling and completion of the Huckleberry State Com #504H 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 11,002' and a MD of approximately 20,900 to test the Bone Spring formation ("Operation"). The total cost of the Operation is estimated to be \$11,707,250, and a detailed description of the cost is set out in the enclosed Authority for Expenditure ("AFE").

COG is proposing to drill and complete this well under the terms of the AAPL Form 610-1989 (Horizontal Modified) Operating Agreement which is enclosed for your review. A completed executable copy will be provided upon final negotiations. The Operating Agreement covers the E $\frac{1}{2}$ W $\frac{1}{2}$ of Sections 15 & 22, T21S-R33E, Lea County, New Mexico ("Contract Area") and contains general provisions:

- 100% / 300% Non-consenting penalty
- \$7,000/\$700 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your participation election in the space provided on page 2, 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 proposes to acquire your interest via term assignment. It will have the following general provisions:

- 3 year primary term
- Delivering a 80% NRI, proportionately reduced
- \$750 per net acre bonus consideration

The Term Assignment offer terminates June 15, 2018 and is subject to the approval of COG's management and verification of title.

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Exhibit No. 6

Submitted by: CONCHO COG OPER.

Hearing Date: October 18, 2018

Case Nos. 16458-16461

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 432-686-3000.

Respectfully,
COG OPERATING LLC



Luke Bedrick, CPL
Senior Landman
Northern Delaware Basin – East

LB:lr

Encl.

_____ I/we hereby elect to participate in the Huckleberry State Com #504H.

_____ I/we hereby elect not to participate in the Huckleberry State Com #504H.

Company or
Individual Name: _____ The Allar Company

By: _____

Name: _____

Title: _____

Date: _____

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME:	Huckleberry State Com #504H	PROSPECT NAME:	Zeus 2133 (717079)
SHL: Sec. 27	145 FNL & 2630 FWL (or an approved legal location)	STATE & COUNTY:	New Mexico, Lea
BHL: Sec. 15	200 FNL & 2310 FWL (or an approved legal location)	OBJECTIVE:	Drill & Complete
FORMATION:	2nd BSS	DEPTH:	20,900
LEGAL:	Sections 15 & 22, T21S-R33E	TVD:	11,002

INTANGIBLE COSTS		Drig - Rig Release(D)	Completion(C)	Tank Btty Constructn(TB)	Pmpg Equipment(PEQ)	TOTAL
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	135,000	305	10,000	353	38,750
Drilling / Completion Overhead	206	8,700	306		366	183,750
Turnkey Contract	207					8,700
Footage Contract	208					0
Daywork Contract	209	660,000				0
Directional Drilling Services	210	226,000				660,000
Frac Equipment			307	1,403,000		226,000
Frac Chemicals			308	914,000		1,403,000
Frac Proppant			309	1,225,000		914,000
Frac Proppant Transportation			310	154,000		1,225,000
Fuel & Power	211	166,000	311	3,500	354	154,000
Water	212	105,000	312	882,000	367	169,500
Bits	213	92,000	313	9,000	368	1,087,000
Mud & Chemicals	214	85,000	314	46,000	369	101,000
Drill Stem Test	215		315		370	131,000
Coring & Analysis	216					0
Cement Surface	217	37,000				0
Cement Intermediate	218	60,000				37,000
Cement 2nd Intermediate/Production	219	130,000				60,000
Cement Squeeze & Other (Kickoff Plug)	220	0			371	130,000
Float Equipment & Centralizers	221	50,000				0
Casing Crews & Equipment	222	47,000				50,000
Fishing Tools & Service	223	0	323			47,000
Geologic/Engineering	224	0	324	355	372	0
Contract Labor	225	6,500	325	23,800	356	90,000
Company Supervision	226	52,200	326	15,000	357	374
Contract Supervision	227	190,000	327	204,000	358	375
Testing Casing/Tubing	228	20,000	328	10,000		376
Mud Logging Unit	229	37,000	329			5,000
Logging	230	0				309,000
Perforating/Wireline Services	231	4,000	331	508,000		377
Stimulation/Treating			332	12,000		378
Completion Unit			333	138,000		379
Swabbing Unit			334			380
Rentals-Surface	235	140,000	335	298,000	359	381
Rentals-Subsurface	236	135,000	336	60,000		8,800
Trucking/Forklift/Rig Mobilization	237	115,000	337	40,000	380	382
Welding Services	238	4,000	338	5,000	361	383
Water Disposal	239	0	339	60,000	362	384
Plug to Abandon	240	0	340		135,000	385
Seismic Analysis	241	0	341			386
Miscellaneous	242	0	342	5,000		387
Contingency	243	49,000	343	250,000	363	388
Closed Loop & Environmental	244	270,000	344		364	389
Dyed Diesel	245		345	455,000		390
Coil Tubing			346	325,000		391
Flowback Crews & Equip			347	48,000		398
Offset Directional/Frac	248		348			270,000
TOTAL INTANGIBLES		2,760,400	7,221,300	283,750	30,300	10,275,750
TANGIBLE COSTS						
Surface Casing	401	63,000				63,000
Intermediate Casing	402	168,000				168,000
Production Casing/Liner	403	379,000				379,000
Tubing			504	48,600		53,600
Wellhead Equipment	405	28,000	505	20,900		51,900
Pumping Unit						96,000
Prime Mover				0		0
Rods						35,000
Pumps-Sub Surface (BH)			509	0		5,000
Tanks					510	34,500
Flowlines					511	97,500
Heater Treater/Separator					512	85,000
Electrical System					513	75,000
Packers/Anchors/Hangers	414		514	65,000		15,000
Couplings/Fittings/Valves	415				515	2,600
Dehydration					517	95,000
Injection Plant/CO2 Equipment				0	518	0
Pumps-Surface				0	521	7,813
Instrumentation/SCADA/POC					522	7,000
Miscellaneous	419		519		523	3,000
Contingency	420		520		524	0
Meters/LACT					525	29,583
Flares/Combustors/Emission					526	15,625
Gas Lift/Compression			527	15,000	516	35,000
TOTAL TANGIBLES		636,000	149,500	475,000	171,000	1,431,500
TOTAL WELL COSTS		3,396,400	7,370,800	738,750	201,300	11,707,250

COG Operating LLC

Date Prepared: 4-2018

We approve:
_____% Working Interest

COG Operating LLC

By: _____

Company: The Alar Company
By: _____

Printed Name:

Title:

Date:

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



Luke Bedrick, CPL

May 29, 2018

Federal Express

The Allar Company
735 Elm Street
Graham, Texas 76450

Re: **Well Proposal – Huckleberry State Com #505H**
Section 15: E $\frac{1}{2}$ W $\frac{1}{2}$
Section 22: E $\frac{1}{2}$ W $\frac{1}{2}$
Township 21 South, Range 33 East, N.M.P.M.
SHL: 145' FNL & 1100' FWL, or an approved legal location in Sec. 27
BHL: 200' FNL & 1650' FWL, or an approved legal location in Sec. 15
Lea County, New Mexico

Gentlemen:

COG Operating LLC ("COG"), as Operator, hereby proposes the drilling and completion of the Huckleberry State Com #505H 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 10,671' and a MD of approximately 20,500 to test the Bone Spring formation ("Operation"). The total cost of the Operation is estimated to be \$11,707,250, and a detailed description of the cost is set out in the enclosed Authority for Expenditure ("AFE").

COG is proposing to drill and complete this well under the terms of the AAPL Form 610-1989 (Horizontal Modified) Operating Agreement which is enclosed for your review. A completed executable copy will be provided upon final negotiations. The Operating Agreement covers the : E $\frac{1}{2}$ W $\frac{1}{2}$ of Sections 15 & 22, T21S-R33E, Lea County, New Mexico ("Contract Area") and contains general provisions:

- 100% / 300% Non-consenting penalty
- \$7,000/\$700 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your participation election in the space provided on page 2, 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 proposes to acquire your interest via term assignment. It will have the following general provisions:

- 3 year primary term
- Delivering a 80% NRI, proportionately reduced
- \$750 per net acre bonus consideration

The Term Assignment offer terminates June 15, 2018 and 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 432-686-3000.

Respectfully,
COG OPERATING LLC



Luke Bedrick, CPL
Senior Landman
Northern Delaware Basin – East

LB:lr

Encl.

_____ I/we hereby elect to participate in the Huckleberry State Com #505H.

_____ I/we hereby elect not to participate in the Huckleberry State Com #505H.

Company or
Individual Name: The Allar Company

By: _____

Name: _____

Title: _____

Date: _____

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME:	Huckleberry State Com #505H	PROSPECT NAME:	Zeus 2133 (7170479)
SHL: Sec. 27	145 FNL & 1100 FWL (or an approved legal location)	STATE & COUNTY:	New Mexico, Lea
BHL: Sec. 15	200 FNL & 1650 FWL (or an approved legal location)	OBJECTIVE:	Drill & Complete
FORMATION:	2nd BBS	DEPTH:	20,500
LEGAL:	Sections 15 & 22, T21S-R33E	TVD:	10,671

		Drig - Rig		Tank Btty		Pmpg		
		Release(D)	Completion(C)	Constrotn(TB)		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	135,000	305	10,000	353	38,750	366	183,750
Drilling / Completion Overhead	206	8,700	306					8,700
Turnkey Contract	207							0
Footage Contract	208							0
Daywork Contract	209	660,000						660,000
Directional Drilling Services	210	228,000						228,000
Frac Equipment			307	1,403,000				1,403,000
Frac Chemicals			308	914,000				914,000
Frac Proppant			309	1,225,000				1,225,000
Frac Proppant Transportation			310	154,000				154,000
Fuel & Power	211	166,000	311	3,500	354		367	169,500
Water	212	105,000	312	982,000			368	1,087,000
Bits	213	92,000	313	9,000			369	101,000
Mud & Chemicals	214	85,000	314	46,000			370	131,000
Drill Stem Test	215		315					0
Coring & Analysis	216							0
Cement Surface	217	37,000						37,000
Cement Intermediate	218	60,000						60,000
Cement 2nd Intermediate/Production	219	130,000						130,000
Cement Squeeze & Other (Kickoff Plug)	220	0					371	0
Float Equipment & Centralizers	221	50,000						50,000
Casing Crews & Equipment	222	47,000						47,000
Fishing Tools & Service	223	0	323				372	0
Geologic/Engineering	224	0	324	355			373	0
Contract Labor	225	8,500	325	23,800	356	90,000	374	128,800
Company Supervision	226	52,200	326	15,000	357		375	67,200
Contract Supervision	227	100,000	327	204,000	358		376	309,000
Testing Casing/Tubing	228	20,000	328	10,000			377	30,000
Mud Logging Unit	229	37,000	329					37,000
Logging	230	0					378	0
Perforating/Wireline Services	231	4,000	331	508,000			379	512,000
Stimulation/Treating			332	12,000			380	12,000
Completion Unit			333	138,000			381	148,000
Swabbing Unit			334				382	0
Rentals-Surface	235	140,000	335	298,000	359		383	443,000
Rentals-Subsurface	236	135,000	336	80,000			384	215,000
Trucking/Forklift/Rig Mobilization	237	115,000	337	40,000	360		385	158,000
Welding Services	238	4,000	338	5,000	361		386	9,000
Water Disposal	239	0	339	60,000	362	135,000	387	195,000
Plug to Abandon	240	0	340					0
Seismic Analysis	241	0	341					0
Miscellaneous	242	0	342	5,000			389	5,000
Contingency	243	49,000	343	250,000	363		390	299,000
Closed Loop & Environmental	244	270,000	344		364		388	270,000
Dyed Diesel	245		345	455,000				
Coil Tubing			346	325,000				325,000
Flowback Crews & Equip			347	48,000				48,000
Offset Directional/Frac	246		348				391	0
TOTAL INTANGIBLES		2,760,400	7,221,300	263,750		30,300		10,275,750
TANGIBLE COSTS								
Surface Casing	401	63,000						63,000
Intermediate Casing	402	168,000						168,000
Production Casing/Liner	403	379,000						379,000
Tubing			504	48,600			530	53,600
Wellhead Equipment	405	26,000	505	20,900			531	51,900
Pumping Unit							506	96,000
Prime Mover				0			507	0
Rods							508	35,000
Pumps-Sub Surface (BH)			509	0			532	5,000
Tanks					510	34,500		34,500
Flowlines					511	97,500		97,500
Heater Treater/Separator					512	85,000		85,000
Electrical System					513	75,000	533	90,000
Packers/Anchors/Hangers	414		514	65,000			534	2,000
Couplings/Fittings/Valves	415				515	95,000		95,000
Dehydration					517			0
Injection Plant/CO2 Equipment			0		518			0
Pumps-Surface			0		521	7,813		7,813
Instrumentation/SCADA/POC					522		529	7,000
Miscellaneous	419		519		523		535	3,000
Contingency	420		520		524		536	0
Meters/LACT					525	29,583		29,583
Flares/Combustors/Emission					528	15,825		15,825
Gas Lift/Compression			527	15,000	516	38,000	528	50,000
TOTAL TANGIBLES		636,000	149,500	475,000		171,000		1,431,500
TOTAL WELL COSTS		3,396,400	7,370,800	738,750		201,300		11,707,250

COG Operating LLC

Date Prepared: 4-2018

We approve
..... % Working Interest

COG Operating LLC

By

Company: The Altar Company
By

Printed Name
Title
Date

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



Luke Bedrick, CPL

May 29, 2018

Federal Express

The Allar Company
735 Elm Street
Graham, Texas 76450

Re: **Well Proposal – Huckleberry State Com #506H**
Section 15: W $\frac{1}{2}$ W $\frac{1}{2}$
Section 22: W $\frac{1}{2}$ W $\frac{1}{2}$
Township 21 South, Range 33 East, N.M.P.M.
SHL: 145' FNL & 1070' FWL, or an approved legal location in Sec. 27
BHL: 200' FNL & 990' FWL, or an approved legal location in Sec. 15
Lea County, New Mexico

Gentlemen:

COG Operating LLC ("COG"), as Operator, hereby proposes the drilling and completion of the Huckleberry State Com #506H 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 11,038' and a MD of approximately 20,900 to test the Bone Spring formation ("Operation"). The total cost of the Operation is estimated to be \$11,707,250, and a detailed description of the cost is set out in the enclosed Authority for Expenditure ("AFE").

COG is proposing to drill and complete this well under the terms of the AAPL Form 610-1989 (Horizontal Modified) Operating Agreement which is enclosed for your review. A completed executable copy will be provided upon final negotiations. The Operating Agreement covers the W $\frac{1}{2}$ W $\frac{1}{2}$ of Sections 15 & 22, T21S-R33E, Lea County, New Mexico ("Contract Area") and contains general provisions:

- 100% / 300% Non-consenting penalty
- \$7,000/\$700 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your participation election in the space provided on page 2, 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 proposes to acquire your interest via term assignment. It will have the following general provisions:

- 3 year primary term
- Delivering a 80% NRI, proportionately reduced
- \$750 per net acre bonus consideration

The Term Assignment offer terminates June 15, 2018 and is subject to the approval of COG's management and verification of title.

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Exhibit No. 7

Submitted by: CONCHO COG OPER.

Hearing Date: October 18, 2018

Case Nos. 16458-16461

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 432-686-3000.

Respectfully,
COG OPERATING LLC



Luke Bedrick, CPL
Senior Landman
Northern Delaware Basin - East

LB:lr

Encl.

_____ I/we hereby elect to participate in the Huckleberry State Com #506H.

_____ I/we hereby elect not to participate in the Huckleberry State Com #506H.

Company or
Individual Name: The Allar Company

By: _____

Name: _____

Title: _____

Date: _____

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME: Huckleberry State Com #506H SHL: Sec. 27 145 FNL & 1070 FWL (or an approved legal location) BHL: Sec. 15 200 FNL & 990 FWL (or an approved legal location) FORMATION: 2nd BSS LEGAL: Sections 15 & 22, T21S-R33E	PROSPECT NAME: Zeus 2133 (717079) STATE & COUNTY: New Mexico, Lea OBJECTIVE: Drill & Complete DEPTH: 20,900 TVD: 11,038
--	--

		Drig - Rig Release(D)	Completion(C)	Tank Btty Constrctn(TB)	Pmng. 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	8,000		352		6,000
Location/Per/Road Expense	205	135,000	305	10,000	353	183,750
Drilling / Completion Overhead	206	8,700	306			8,700
Turnkey Contract	207					0
Footage Contract	208					0
Daywork Contract	209	660,000				660,000
Directional Drilling Services	210	226,000				226,000
Frac Equipment			307	1,403,000		1,403,000
Frac Chemicals			308	914,000		914,000
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Frac Proppant Transportation			310	154,000		154,000
Fuel & Power	211	166,000	311	3,500	354	169,500
Water	212	105,000	312	982,000	367	1,087,000
Blis	213	92,000	313	9,000	368	101,000
Mud & Chemicals	214	85,000	314	45,000	370	131,000
Drill Stem Test	215		315			0
Coring & Analysis	216					0
Cement Surface	217	37,000				37,000
Cement Intermediate	218	60,000				60,000
Cement 2nd Intermediate/Production	219	130,000				130,000
Cement Squeeze & Other (Kickoff Plug)	220	0			371	0
Float Equipment & Centralizers	221	50,000				50,000
Casing Crews & Equipment	222	47,000				47,000
Fishing Tools & Service	223	0	323		372	0
Geologic/Engineering	224	0	324		373	0
Contract Labor	225	6,500	325	23,800	355	126,800
Company Supervision	226	52,200	326	15,000	356	67,200
Contract Supervision	227	100,000	327	204,000	357	309,000
Testing Casing/Tubing	228	20,000	328	10,000	358	30,000
Mud Logging Unit	229	37,000	329		377	37,000
Logging	230	0			378	0
Perforating/Wireline Services	231	4,000	331	508,000	379	512,000
Stimulation/Treating			332	12,000	380	12,000
Completion Unit			333	136,000	381	146,800
Swabbing Unit			334		382	0
Rentals-Surface	235	140,000	335	296,000	359	443,000
Rentals-Subsurface	236	135,000	336	80,000	363	215,000
Trucking/Forklift/Rig Mobilization	237	115,000	337	40,000	364	158,000
Welding Services	238	4,000	338	5,000	365	9,000
Water Disposal	239	0	339	80,000	366	185,000
Plug to Abandon	240	0	340		367	0
Seismic Analysis	241	0	341			0
Miscellaneous	242	0	342	5,000	369	5,000
Contingency	243	49,000	343	250,000	368	299,000
Closed Loop & Environmental	244	270,000	344		364	270,000
Dyed Diesel	245		345	455,000		
Coil Tubing			346	325,000		325,000
Flowback Crews & Equip			347	48,000		48,000
Offset Directional/Frac	248		348		381	0
TOTAL INTANGIBLES		2,780,400	7,221,300	263,750	30,300	10,275,750
TANGIBLE COSTS						
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Wellhead Equipment	405	28,000	505	20,800	531	51,900
Pumping Unit					506	96,000
Prime Mover					507	0
Rods					508	35,000
Pumps-Sub Surface (BH)			509	0	532	5,000
Tanks				510	34,500	34,500
Flowlines				511	97,500	97,500
Heater Treater/Separator				512	85,000	85,000
Electrical System				513	75,000	90,000
Packers/Anchors/Hangers	414		514	65,000	534	87,000
Couplings/Fittings/Valves	415			515	95,000	95,000
Dehydration				516		0
Injection Plant/CO2 Equipment				517		0
Pumps-Surface				521	7,813	7,813
Instrumentation/SCADA/POC				522	7,000	7,000
Miscellaneous	419		519		535	3,000
Contingency	420		520		536	0
Meters/LACT				525	29,563	29,563
Flares/Combustors/Emission				526	15,625	15,625
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TOTAL TANGIBLES		636,000	148,500	475,000	171,000	1,431,500
TOTAL WELL COSTS		3,396,400	7,370,800	738,750	201,300	11,707,250

COG Operating LLC

Date Prepared: 4-2018

We approve:
% Working Interest

COG Operating LLC

By:

Company: The Alter Company

By:

Printed Name:

Title:

Date:

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



May 29, 2018

Federal Express

The Allar Company
735 Elm Street
Graham, Texas 76450

Luke Bedrick, CPL

Secretary of State
P.O. Box 4000
311 Capitol Mall
Austin, Texas 78702-4000

Phone: 512.463.1234
Direct: 512.463.1234
LBedrick@sos.state.tx.us

Re: **Well Proposal – Huckleberry State Com #507H**
Section 15: W $\frac{1}{2}$ W $\frac{1}{2}$
Section 22: W $\frac{1}{2}$ W $\frac{1}{2}$
Township 21 South, Range 33 East, N.M.P.M.
SHL: 145' FNL & 1040' FWL, or an approved legal location in Sec. 27
BHL: 200' FNL & 330' FWL, or an approved legal location in Sec. 15
Lea County, New Mexico

Gentlemen:

COG Operating LLC ("COG"), as Operator, hereby proposes the drilling and completion of the Huckleberry State Com #507H 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 10,691' and a MD of approximately 20,500 to test the Bone Spring formation ("Operation"). The total cost of the Operation is estimated to be \$11,707,250, and a detailed description of the cost is set out in the enclosed Authority for Expenditure ("AFE").

COG is proposing to drill and complete this well under the terms of the AAPL Form 610-1989 (Horizontal Modified) Operating Agreement which is enclosed for your review. A completed executable copy will be provided upon final negotiations. The Operating Agreement covers the W $\frac{1}{2}$ W $\frac{1}{2}$ of Sections 15 & 22, T21S-R33E, Lea County, New Mexico ("Contract Area") and contains general provisions:

- 100% / 300% Non-consenting penalty
- \$7,000/\$700 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your participation election in the space provided on page 2, 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 proposes to acquire your interest via term assignment. It will have the following general provisions:

- 3 year primary term
- Delivering a 80% NRI, proportionately reduced
- \$750 per net acre bonus consideration

The Term Assignment offer terminates June 15, 2018 and 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 432-686-3000.

Respectfully,
COG OPERATING LLC



Luke Bedrick, CPL
Senior Landman
Northern Delaware Basin – East

LB:lr

Encl.

_____ I/we hereby elect to participate in the Huckleberry State Com #507H.

_____ I/we hereby elect not to participate in the Huckleberry State Com #507H.

Company or
Individual Name: _____ The Allar Company

By: _____

Name: _____

Title: _____

Date: _____

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME:	Huckleberry State Com #507H	PROSPECT NAME:	Zeus 2133 (717079)
SHL Sec 27	145 FNL & 1040 FWL (or an approved legal location)	STATE & COUNTY:	New Mexico, Lea
BHL Sec 15	200 FNL & 330 FWL (or an approved legal location)	OBJECTIVE:	Drill & Complete
FORMATION:	2nd BSS	DEPTH:	20,500
LEGAL:	Sections 15 & 22, T21S-R33E	TVD:	10,691

		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	135,000	305	10,000	353	183,750
Drilling / Completion Overhead	206	6,700	306			8,700
Turnkey Contract	207					0
Footage Contract	208					0
Daywork Contract	209	660,000				660,000
Directional Drilling Services	210	228,000				228,000
Frac Equipment			307	1,403,000		1,403,000
Frac Chemicals			308	914,000		914,000
Frac Proppant			309	1,225,000		1,225,000
Frac Proppant Transportation			310	154,000		154,000
Fuel & Power	211	166,000	311	3,500	354	169,500
Water	212	105,000	312	982,000	367	1,087,000
Bits	213	92,000	313	9,000	368	101,000
Mud & Chemicals	214	65,000	314	46,000	369	131,000
Drill Stem Test	215		315		370	0
Coring & Analysis	216					0
Cement Surface	217	37,000				37,000
Cement Intermediate	218	60,000				60,000
Cement 2nd Intermediate/Production	219	130,000				130,000
Cement Squeeze & Other (Kickoff Plug)	220	0				0
Floer Equipment & Centralizers	221	50,000			371	50,000
Casing Crews & Equipment	222	47,000				47,000
Fishing Tools & Service	223	0	323		372	0
Geologic/Engineering	224	0	324	355	373	0
Contract Labor	225	6,500	325	23,800	356	126,800
Company Supervision	226	52,200	326	15,000	357	67,200
Contract Supervision	227	100,000	327	284,000	358	309,000
Testing Casing/Tubing	228	20,000	328	10,000		30,000
Mud Logging Unit	229	37,000	329			37,000
Logging	230	0				0
Perforating/Machine Services	231	4,000	331	508,000	378	512,000
Simulation/Treating			332	12,000	379	12,000
Completion Unit			333	138,000	380	146,800
Swabbing Unit			334		381	0
Rentals-Surface	235	140,000	335	296,000	359	443,000
Rentals-Subsurface	236	135,000	336	80,000	384	215,000
Trucking/Forklift/Rig Mobilization	237	115,000	337	40,000	360	158,000
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	5,000	369	5,000
Contingency	243	49,000	343	250,000	363	299,000
Closed Loop & Environmental	244	270,000	344		384	270,000
Dyed Diesel	245		345	455,000		
Coil Tubing			346	325,000		325,000
Flowback Crews & Equip			347	48,000		48,000
Offset Directional/Frac	246		348		391	0
TOTAL INTANGIBLES		2,760,400	7,221,300	263,750	30,300	10,275,750
TANGIBLE COSTS						
Surface Casing	401	63,000				63,000
Intermediate Casing	402	166,000				166,000
Production Casing/Liner	403	379,000				379,000
Tubing			504	48,600	530	53,600
Wellhead Equipment	405	28,000	505	20,900	531	51,900
Pumping Unit					506	96,000
Prime Mover					507	0
Rods					508	35,000
Pumps-Sub Surface (BH)			509	0	532	5,000
Tanks				510	34,500	34,500
Flowlines				511	97,500	97,500
Heater Treater/Separator				512	85,000	85,000
Electrical System				513	75,000	90,000
Packers/Anchors/Hangers	414		514	65,000	534	67,000
Couplings/Fittings/Valves	415			515	95,000	95,000
Dehydration				517		0
Injection Plant/CO2 Equipment				518		0
Pumps-Surface				521	7,813	7,813
Instrumentation/SCADA/POC				522		7,000
Miscellaneous	419		519		523	3,000
Contingency	420		520		524	0
Meters/LACT				525	29,583	29,583
Flares/Combustors/Emission				526	15,625	15,625
Gas Lift/Compression			527	15,000	516	35,000
TOTAL TANGIBLES		636,000	149,500	475,000	171,000	1,431,500
TOTAL WELL COSTS		3,396,400	7,370,800	738,750	201,300	11,707,250

COG Operating LLC

Date Prepared: 4-2018

We approve:
_____% Working Interest

COG Operating LLC

By:

Company: The Altar Company
By:

Printed Name:

Title:

Date:

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

RATIFICATION OF COMMUNITIZATION AGREEMENT

STATE OF NEW MEXICO §
 §
COUNTY OF LEA §

COG Operating LLC, as Operator, executed a Communitization Agreement, effective as of the date therein, communitizing and combining the oil and gas leases set forth therein, insofar as they cover the communitized area for the Huckleberry State Com 501H spacing and proration unit comprised of E2E2 of Section 15 and E2E2 of Section 22, Township 21 South, Range 33 East, Lea County, NM.

Charis Royalty F, LP, whose address is 1401 Rainbow Street, Southlake, Texas 76092, is the owner of an overriding royalty interest located in that portion of the communitized area located in E2E2 of Section 15 and E2E2 of Section 22, Township 21 South, Range 33 East, Lea County, NM.

Charis Royalty F, LP desires to adopt, ratify and confirm the Communitization Agreement insofar as it covers the right, title and interest of **Charis Royalty F, LP** in and to the oil and gas leases and the lands included in the communitized area created by COG Operating LLC.

In consideration of the premises, **Charis Royalty F, LP** does hereby adopt, ratify and confirm the above-described Communitization Agreement insofar as it covers its right, title and interest in the oil and gas leases and the lands included in communitized area, and agrees that its interest is subject to all of the terms and provisions therein.

This Ratification is effective as of the effective date of the above-referenced Communitization Agreement.

Charis Royalty F, LP

Signature

By: _____
Printed Name

Title: _____
Printed Title

STATE OF _____ §
 §
COUNTY OF _____ §

The foregoing instrument was acknowledged before me on the _____ day of _____, 2018,
by _____, as _____ of **Charis Royalty F, LP** a
_____, on behalf of said _____.

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Exhibit No. 8

Submitted by: **CONCHO COG OPER.**

Hearing Date: October 18, 2018

Case Nos. 16458-16461

NOTARY PUBLIC in and for the State of _____

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

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

CASE NO. 16458

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

CASE NO. 16459

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

CASE NO. 16460

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

CASE NO. 16461

AFFIDAVIT

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

Jordan L. Kessler, 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.

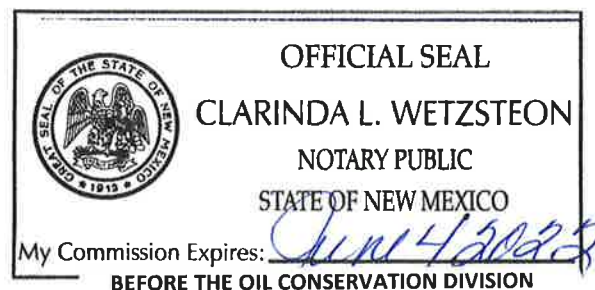


Jordan L. Kessler

SUBSCRIBED AND SWORN to before me this 17th Day of October 2018 by Jordan L. Kessler.



Notary Public



BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Exhibit No. 9

Submitted by: **CONCHO COG OPER.**

Hearing Date: October 18, 2018

Case Nos. 16458-16461

**Jordan L. Kessler****Associate****Phone** (505) 988-4421**Fax** (505) 983-6043

jlkessler@hollandhart.com

September 28, 2018

VIA CERTIFIED MAIL
CERTIFIED RECEIPT REQUESTED**TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS****Re: Application of COG Operating LLC for compulsory pooling, Lea County,
New Mexico.
Huckleberry State Com No. 501H 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 October 18, 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 Grant Bohls at (432) 818-2379 or GBohls@concho.com.

Sincerely,

Jordan L. Kessler

ATTORNEY FOR COG OPERATING LLC



September 28, 2018

VIA CERTIFIED MAIL
CERTIFIED RECEIPT REQUESTED**TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS****Re: Application of COG Operating LLC for compulsory pooling, Lea County,
New Mexico.****Huckleberry State Com No. 502H Well****Huckleberry State Com No. 503H Well**

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If you have any questions about this matter please contact Grant Bohls at (432) 818-2379 or GBohls@concho.com.

Sincerely,

Jordan L. Kessler

ATTORNEY FOR COG OPERATING LLC

**Jordan L. Kessler****Associate****Phone** (505) 988-4421**Fax** (505) 983-6043

jlkessler@hollandhart.com

September 28, 2018

VIA CERTIFIED MAIL
CERTIFIED RECEIPT REQUESTED**TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS****Re: Application of COG Operating LLC for compulsory pooling, Lea County,
New Mexico.****Huckleberry State Com No. 504H Well****Huckleberry State Com No. 505H 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 October 18, 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.

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Sincerely,

Jordan L. Kessler

ATTORNEY FOR COG OPERATING LLC



September 28, 2018

VIA CERTIFIED MAIL
CERTIFIED RECEIPT REQUESTED**TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS****Re: Application of COG Operating LLC for compulsory pooling, Lea County,
New Mexico.**
Huckleberry State Com No. 506H Well
Huckleberry State Com No. 507H Well

Ladies & Gentlemen:

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Sincerely,

Jordan L. Kessler

ATTORNEY FOR COG OPERATING LLC

COG Huckleberry

	A		B		C		F		G		I	J	K
1	MailClass	TrackingNo	CustomField1		ToName		DeliveryAddress		City		State	Zip	
2	Certified with Return Receipt (Signature)	9414810898765019046589	64344 Huckleberry 501H 502H 503H 506H 507H - 1	EOG Y/A/M Resources, Inc	5509 Champions Drive		Midland		TX		79706		
3	Certified with Return Receipt (Signature)	9414810898765019046596	64344 Huckleberry 501H 502H 503H 506H 507H - 3	The Allar Company	PO Box 1567		Graham		TX		76450		
4	Certified with Return Receipt (Signature)	9414810898765019046602	64344 Huckleberry 501H 502H 503H 506H 507H - 4	GMT New Mexico Royalty Company LLC	1560 Broadway, suite 2000		Denver		CO		80202		
5	Certified with Return Receipt (Signature)	9414810898765019046619	64344 Huckleberry 501H 502H 503H 506H 507H - 5	EOG Y/A/M Resources, Inc	5509 Champions Drive		Midland		TX		79706		
6	Certified with Return Receipt (Signature)	9414810898765019046626	64344 Huckleberry 501H 502H 503H 506H 507H - 6	DG Royalty, LLC	110 N Mariefeld, Suite 200		Midland		TX		79701		
7	Certified with Return Receipt (Signature)	9414810898765019046633	64344 Huckleberry 501H 502H 503H 506H 507H - 7	Charis Royalty F, LP	1401 Rainbow Street		Southlake		TX		76092		

	N	R	U
1	MailDate	ERR_SigDate	USPS_Status
2	09/28/2018	10/06/2018	Your item was picked up at a postal facility at 7:33 am on October 5, 2018 in MIDLAND, TX 79702.
3	09/28/2018	10/02/2018	Your item was delivered at 3:00 pm on October 1, 2018 in GRAHAM, TX 76450.
4	09/28/2018	10/02/2018	Your item was delivered to the front desk or reception area at 11:15 am on October 1, 2018 in DENVER, CO 80202.
5	09/28/2018	10/03/2018	Your item was picked up at a postal facility at 7:31 am on October 2, 2018 in MIDLAND, TX 79702.
6	09/28/2018	10/02/2018	Your item was delivered to an individual at the address at 3:34 pm on October 1, 2018 in MIDLAND, TX 79701.
7	09/28/2018		Your item arrived at the Post Office at 9:28 am on October 5, 2018 in SOUTHLAKE, TX 76092.

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

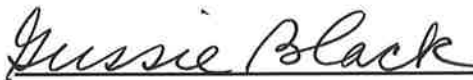
I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated
September 29, 2018
and ending with the issue dated
September 29, 2018.



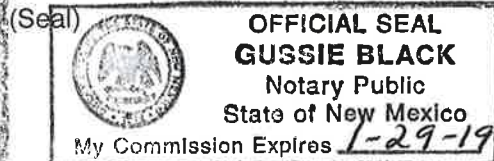
Publisher

Sworn and subscribed to before me this
29th day of September 2018.



Business Manager

My commission expires
January 29, 2019



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

LEGAL	LEGAL
LEGAL NOTICE September 29, 2018	
STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION SANTA FE, NEW MEXICO	
The State of New Mexico through its Oil Conservation Division hereby gives notice pursuant to law and the Rules and Regulations of the Division of the following public hearing to be held at 8:15 A.M. on October 18, 2018 , in the Oil Conservation Division Hearing Room at 1220 South St. Francis, Santa Fe, New Mexico, before an examiner duly appoint for the hearing. If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing, please contact: Florene Davidson at 505-476-3458 or through the New Mexico Relay Network, 1-800-659-1779 by October 8, 2018 . Public documents, including the agenda and minutes, can be provided in various accessible forms. Please contact Florene Davidson if a summary or other type of accessible form is needed.	
STATE OF NEW MEXICO TO: All named parties and persons having any right, title, interest or claim in the following case and notice to the public.	
(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)	
To: All offset owners, overriding royalty interest owners, and pooled parties, including: EOG Y/A/M Resources, Inc.; Centennial Resources Production, LLC; The Allar Company; GMT New Mexico Royalty Company LLC; DG Royalty, LLC; Charis Royalty F, LP.	
Case No. 16461: Application of COG Operating LLC for compulsory pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interest owners in the Bone Spring formation underlying a 320-acre horizontal spacing unit comprised of the W/2 W/2 of Section 15 and the W/2 W/2 of Section 22, Township 21 South, Range 33 East, NMPM, Lea County, New Mexico. The above-referenced unit will be dedicated to the Huckleberry State Com No. 506H Well and the proposed Huckleberry State Com No. 507H Well . Both wells will be horizontally drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 27 to bottom hole location in the NW/4 NW/4 (Unit D) of Section 15. The completed intervals for both wells will remain within the standard setbacks as required by the Statewide rules for oil wells. Also to be considered will be the cost of drilling and completing the well the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of COG Operating LLC as operator, and a 200% charge for risk involved in drilling and completing the well. Said area is located approximately 5 miles west of Eunice, New Mexico. #33280	

67100754

00218888

HOLLAND & HART LLC
PO BOX 2208
SANTA FE,, NM 87504-2208

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. 10
Submitted by: **CONCHO COG OPER.**
Hearing Date: October 18, 2018
Case Nos. 16458-16461

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA


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

Beginning with the issue dated
September 29, 2018
and ending with the issue dated
September 29, 2018.



Publisher

Sworn and subscribed to before me this
29th day of September 2018.

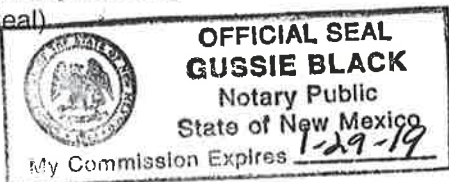


Business Manager

My commission expires

January 29, 2019

(Seal)



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

LEGAL NOTICE
September 29, 2018

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

The State of New Mexico through its Oil Conservation Division hereby gives notice pursuant to law and the Rules and Regulations of the Division of the following public hearing to be held at 8:15 A.M. on **October 18, 2018**, in the Oil Conservation Division Hearing Room at 1220 South St. Francis, Santa Fe, New Mexico, before an examiner duly appoint for the hearing. If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing, please contact: Florene Davidson at 505-476-3458 or through the New Mexico Relay Network, 1-800-659-1779 by **October 8, 2018**. Public documents, including the agenda and minutes, can be provided in various accessible forms. Please contact Florene Davidson if a summary or other type of accessible form is needed.

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

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

To: All offset owners, overriding royalty interest owners, and pooled parties, including: EOG Y/A/M Resources, Inc.; Centennial Resources Production, LLC; The Allar Company; GMT New Mexico Royalty, Company LLC; DG Royalty, LLC; Charis Royalty F, LP.

Case No. 16460: Application of COG Operating LLC for compulsory pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interest owners in the Bone Spring formation, underlying a 320-acre horizontal spacing unit comprised of the E/2 W/2 of Section 15 and the E/2 W/2 of Section 22, Township 21 South, Range 33 East, NMPM, Lea County, New Mexico. The above-referenced unit will be dedicated to the **Huckleberry State Com No. 504H Well** and the proposed **Huckleberry State Com No. 505H Well**. Both wells will be horizontally drilled from a surface location in the NE/4 NW/4 (Unit C) of Section 27 to bottom hole location in the NE/4 NW/4 (Unit C) of Section 15. The completed intervals for both wells will remain within the standard setbacks as required by the Statewide rules for oil wells. Also to be considered will be the cost of drilling and completing the well the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of COG Operating LLC as operator, and a 200% charge for risk involved in drilling and completing the well. Said area is located approximately 5 miles west of Eunice, New Mexico.
#33279

67100754

00218887

HOLLAND & HART LLC
PO BOX 2208
SANTA FE,, NM 87504-2208

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA


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

Beginning with the issue dated
September 30, 2018
and ending with the issue dated
September 30, 2018.



Publisher

Sworn and subscribed to before me this
30th day of September 2018.



Business Manager

My commission expires

January 29, 2019

(Seal)



OFFICIAL SEAL
GUSSIE BLACK
Notary Public
State of New Mexico
My Commission Expires 1-29-19

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

LEGAL	LEGAL
LEGAL NOTICE September 30, 2018	
STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION SANTA FE, NEW MEXICO	
<p>The State of New Mexico through its Oil Conservation Division hereby gives notice pursuant to law and the Rules and Regulations of the Division of the following public hearing to be held at 8:15 A.M. on October 18, 2018, in the Oil Conservation Division Hearing Room at 1220 South St. Francis, Santa Fe, New Mexico, before an examiner duly appoint for the hearing. If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing, please contact: Florene Davidson at 505-476-3458 or through the New Mexico Relay Network, 1-800-659-1779 by October 8, 2018. Public documents, including the agenda and minutes, can be provided in various accessible forms. Please contact Florene Davidson if a summary or other type of accessible form is needed.</p>	
<p>STATE OF NEW MEXICO TO: All named parties and persons having any right, title, interest or claim in the following case and notice to the public.</p>	
<p>(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)</p>	
<p>To: All offset owners, overriding royalty interest owners, and pooled parties, including: EOG Y/A/M Resources, Inc.; Centennial Resources Production, LLC; The Allar Company; GMT New Mexico Royalty Company LLC; DG Royalty, LLC; Charis Royalty F, LP.</p>	
<p>Case No. 16459: Application of COG Operating LLC for compulsory pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interest owners in the Bone Spring formation underlying a 320-acre horizontal spacing unit comprised of the W/2 E/2 of Section 15 and the W/2 E/2 of Section 22, Township 21 South, Range 33 East, NMPM, Lea County, New Mexico. The above-referenced unit will be dedicated to the proposed Huckleberry State Com No. 502H Well and the proposed Huckleberry State Com No. 503H Well. Both wells will be horizontally drilled from a surface location in the NW/4 NE/4 (Unit B) of Section 27 to bottom hole location in the NW/4 NE/4 (Unit B) of Section 15. The completed intervals for both wells will remain within the standard setbacks as required by the Statewide rules for oil wells. Also to be considered will be the cost of drilling and completing the well the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of COG Operating LLC as operator, and a 200% charge for risk involved in drilling and completing the well. Said area is located approximately 5 miles west of Eunice, New Mexico.</p>	
#33283	

67100754

00218893

HOLLAND & HART LLC
PO BOX 2208
SANTA FE,, NM 87504-2208

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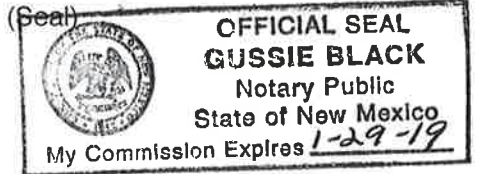
Publisher

Sworn and subscribed to before me this
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Business Manager

My commission expires
January 29, 2019



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

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

To: All offset owners, overriding royalty interest owners, and pooled parties, including: EOG Y/A/M Resources, Inc.; Centennial Resources Production, LLC; The Allar Company; GMT New Mexico Royalty Company, LLC; DG Royalty, LLC; Charis Royalty F, LP.

Case No. 16458: Application of COG Operating LLC for compulsory pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interest owners in the Bone Spring formation underlying a 320-acre horizontal spacing unit comprised of the E/2 E/2 of Section 15 and the E/2 E/2 of Section 22, Township 21 South, Range 33 East, NMPM, Lea County, New Mexico. The above-referenced unit will be dedicated to the proposed **Huckleberry State Com No. 501H Well**, which will be horizontally drilled from a surface location in the NE/4 NE/4 (Unit A) of Section 27 to bottom hole location in the SE/4 SE/4 (Unit A) of Section 15. The completed interval for the **Huckleberry State Com No. 501H Well** will remain within the standard setbacks as required by the Statewide rules for oil wells. Also to be considered will be the cost of drilling and completing the well, the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of COG Operating LLC as operator, and a 200% charge for risk involved in drilling and completing the well. Said area is located approximately 5 miles west of Eunice, New Mexico.
#33282

67100754

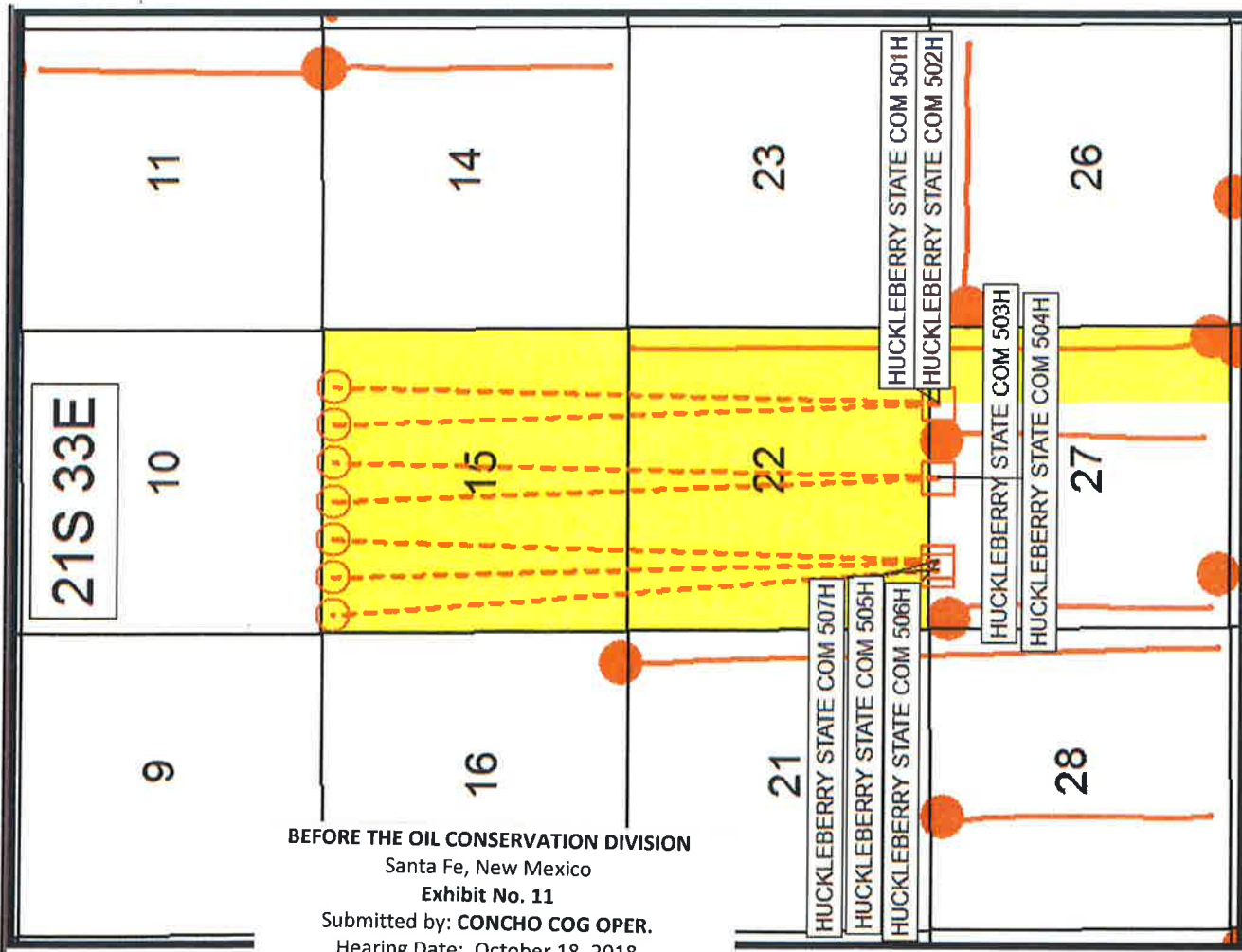
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HOLLAND & HART LLC
PO BOX 2208
SANTA FE,, NM 87504-2208

Bone Spring Pool

Huckleberry State Com

501H, 502H, 503H, 504H, 505H, 506H, 507H

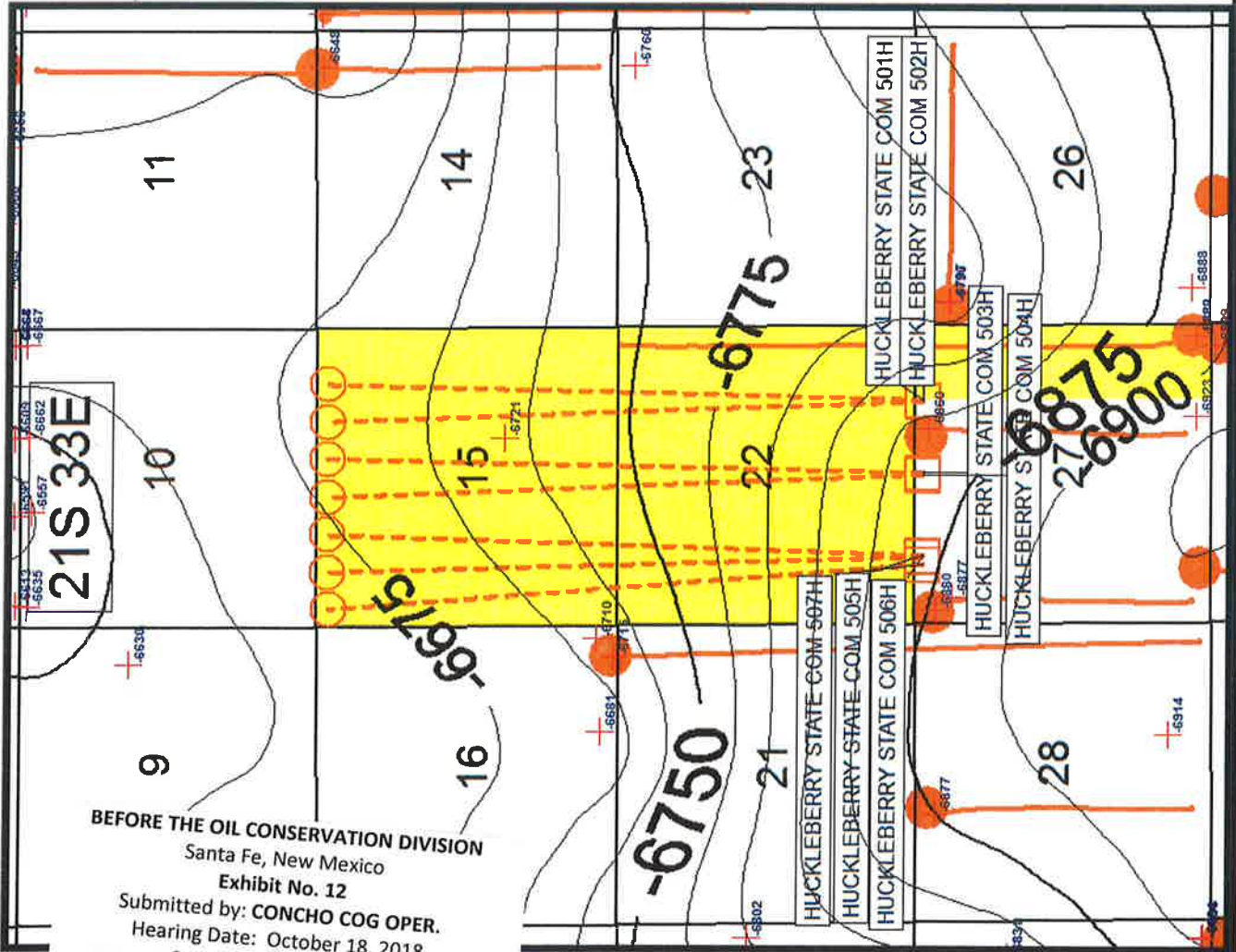


BEFORE THE OIL CONSERVATION DIVISION
 Santa Fe, New Mexico
 Exhibit No. 11
 Submitted by: CONCHO COG OPER.
 Hearing Date: October 18, 2018
 Case Nos. 16458-16461

Bone Spring Pool

Huckleberry State Com

501H, 502H, 503H, 504H, 505H, 506H, 507H



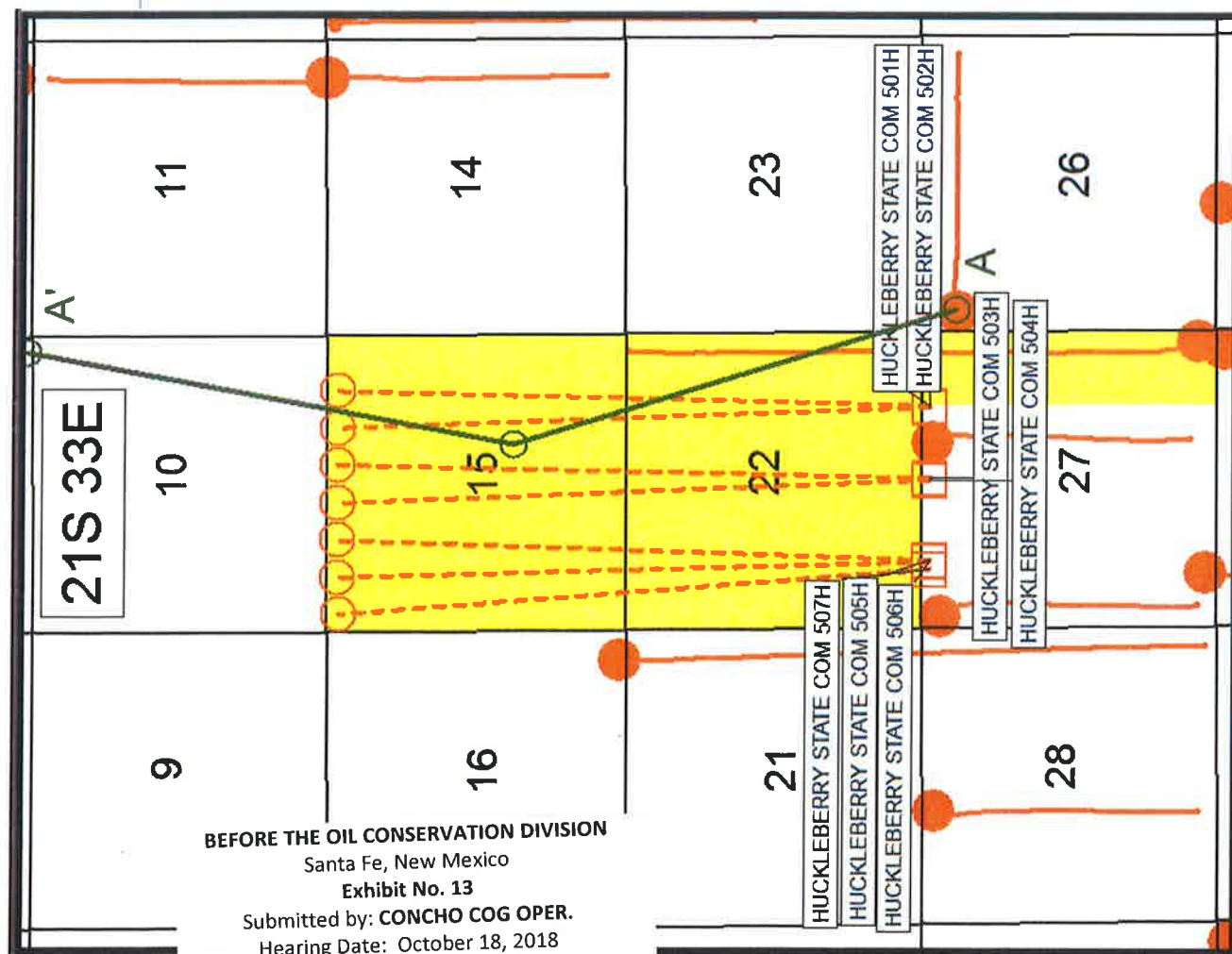
Map Legend

- SHL
- BHL
- COG - SBSG Horizontal Location
- Producing SBSG Wells
- Data point
- SBSG Structure
CI: 25'
- COG Acreage

Bone Spring Pool

Huckleberry State Com

501H, 502H, 503H, 504H, 505H, 506H, 507H



BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Exhibit No. 13

Submitted by: CONCHO COG OPER.

Hearing Date: October 18, 2018

Case Nos. 16458-16461

Map Legend



COG - SBGS Horizontal Location



Producing SBGS Wells

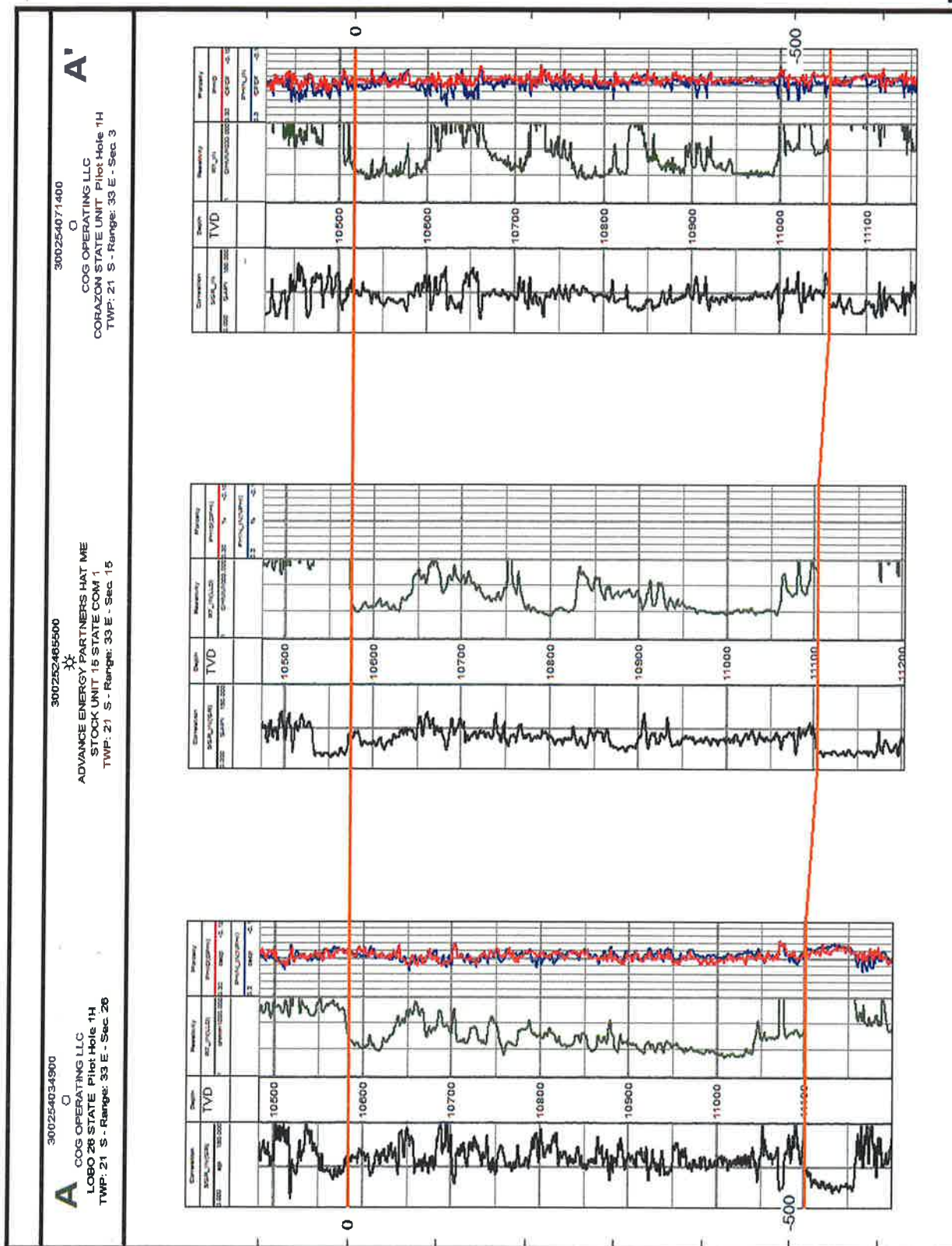


Cross Section Line



COG Acreage

Stratigraphic Cross Section A – A'



BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Exhibit No. 14

Submitted by: CONCHO COG OPER.

Hearing Date: October 18, 2018

Case Nos. 16458-16461

Lateral
Interval
501H,
503H,
505H,
507H

Lateral
Interval
502H,
504H,
506H

CONCHO