



COG OPERATING LLC
LITTLE BEAR FEDERAL 1H & 6H
Section 34-T20S-R33E
Lea County, New Mexico



16327
16332



DISTRICT IV
1829 E. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3482

Submitted by:
COG OPERATING LLC
Hearing Date: July 25, 2018

DISTRICT I
1826 N. FRENCH DR., BOBBS, NM 88240
Phone: (505) 365-4181 Fax: (505) 365-0720

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

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-9178 Fax: (505) 334-6170

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

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

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 LITTLE BEAR FEDERAL COM	Well Number 6H
GRID No.	Operator Name COG OPERATING, LLC	Elevation 3791.1'

Surface Location

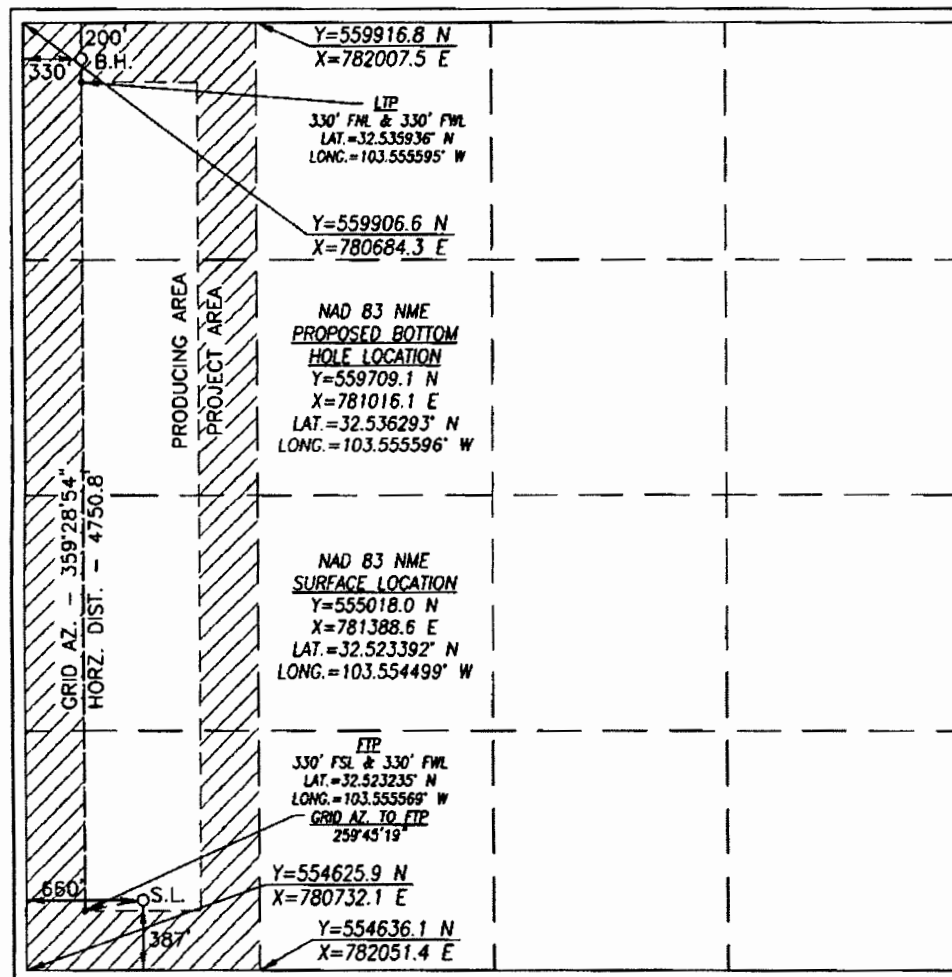
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	34	20-S	34-E		387	SOUTH	660	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	34	20-S	34-E		200	NORTH	330	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date _____

Printed Name _____

E-mail Address _____

SURVEYOR CERTIFICATION

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

FEBRUARY 14, 2018

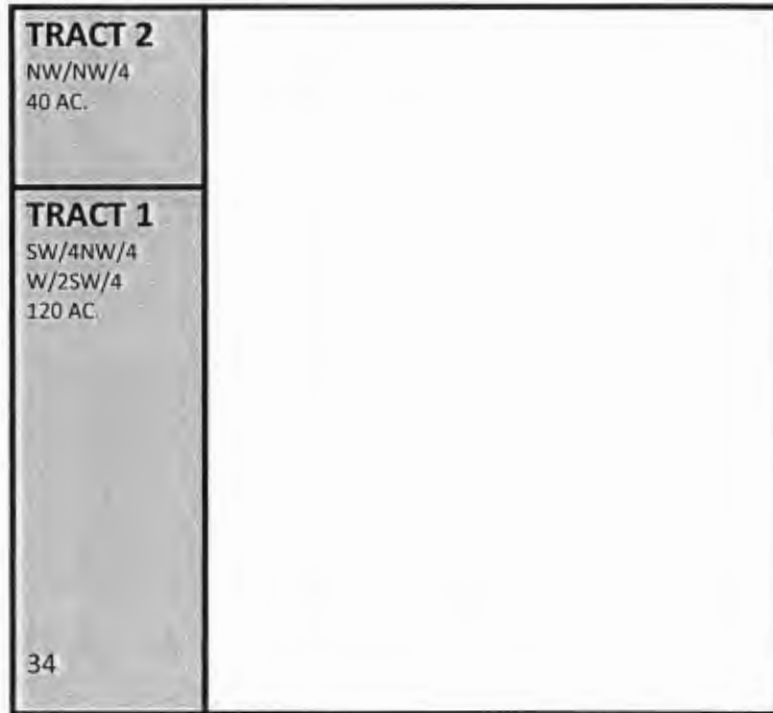
Date of Survey

Signature & Seal of Professional Surveyor



Chad L. Harcrow 3/2/18
Certificate No. CHAD HARCROW 17777
W.O. 18-128 DRAWN BY: AM

Little Bear Federal Com 1H
T20S-R34E-Section 34, W/2W/2
Lea County, NM



Tract 1: SW/4NW/4, W/2SW/4 Section 34-T20S-R34E (120 ACRES)

<u>COG Operating LLC</u>	100.000000%
Total	100.000000%

Tract 2: NW/4NW/4 Section 34- T20S-R34E (40 ACRES)

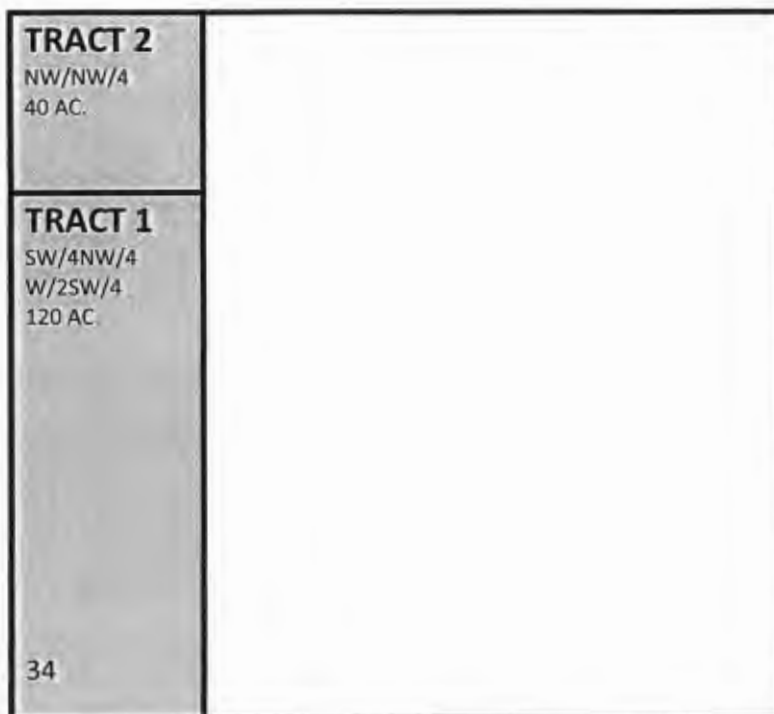
<u>Chevron U.S.A. Inc.</u>	100.000000%
Total	100.000000%

UNIT RECAPITULATION
T20S-R34E-Section 34, W/2W/2
Lea County, NM

COG Operating LLC	75.000000%
<u>Chevron U.S.A. Inc.</u>	<u>25.000000%</u>
Total:	100.000000%

Interest seeking to Compulsory Pool

Little Bear Federal Com 6H
T20S-R34E-Section 34, W/2W/2
Lea County, NM



Tract 1: SW/4NW/4, W/2SW/4 Section 34-T20S-R34E (120 ACRES)

<u>COG Operating LLC</u>	100.000000%
Total	100.000000%

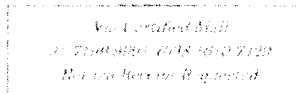
Tract 2: NW/4NW/4 Section 34- T20S-R34E (40 ACRES)

<u>Chevron U.S.A. Inc.</u>	100.000000%
Total	100.000000%

UNIT RECAPITULATION
T20S-R34E-Section 34, W/2W/2
Lea County, NM

COG Operating LLC	75.000000%
<u><i>Chevron U.S.A. Inc.</i></u>	<u><i>25.000000%</i></u>
Total:	100.000000%

Interest seeking to Compulsory Pool



June 11, 2018

Chevron U.S.A., Inc.
6301 Deauville
Midland, Texas 79706

Re: **Well Proposal – Little Bear Federal Com #1H**
Section 34: W¹/₂W¹/₂
Township 20 South, Range 34 East, N.M.P.M.
SHL: 387' FSL & 690' FWL
BHL: 200' FNL & 660' FWL
Lea County, New Mexico

Gentlemen:

COG Operating LLC ("COG"), as Operator, hereby proposes the drilling and completion of the Little Bear Federal Com #1H 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 11,365' and a MD of approximately 16,645' to test the Bone Spring formation ("Operation"). The total cost of the Operation is estimated to be \$7,762,400, 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. The Operating Agreement covers the W¹/₂W¹/₂ of Section 34, T20S-R34E, 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

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Case Nos. 16327 & 16332 Exhibit No. 3
Submitted by:
COG OPERATING LLC
Hearing Date: July 25, 2018

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

If you have any questions, please do not hesitate to contact the undersigned at 432-685-2535.

Respectfully,
COG OPERATING LLC



Danny Kidwell
Senior Staff Landman
Northern Delaware Basin - East

Encl.

_____ I/we hereby elect to participate in the Little Bear Federal Com #1H.

_____ I/we hereby elect not to participate in the Little Bear Federal Com #1H.

Company or
Individual Name: _____

By: _____

Name: _____

Title: _____

Date: _____

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME: LITTLE BEAR FEDERAL COM #1H	PROSPECT NAME: Zeus 2034 (717082)
SHL: 387' FSL & 690' FWL	STATE & COUNTY: New Mexico, Lea
BHL: 200' FNL & 660' FWL	OBJECTIVE: DRILL AND COMPLETE
FORMATION: 3rd Bone Spring	DEPTH: 16,645
LEGAL: Sec 34, T20S-R34E	TVD: 11,365

		Drig - Rig			Tank Btty		Pmpq		TOTAL
		Release(D)	Completion(C)		Constructn(TB)		Equipment(PEQ)		
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/Prts/Road Expense	205	120,000	305	10,000	353	53,000	368		183,000
Drilling / Completion Overhead	206	6,600	306						6,600
Turnkey Contract	207								0
Footage Contract	208								0
Daywork Contract	209	520,000							520,000
Directional Drilling Services	210	206,000							206,000
Frac Equipment			307	666,000					666,000
Frac Chemicals			308	429,000					429,000
Frac Proppant			309	574,000					574,000
Frac Proppant Transportation			310	72,000					72,000
Fuel & Power	211	126,000	311	3,500	354		367		129,500
Water	212	20,000	312	492,000			368		512,000
Bbs	213	111,600	313	3,000			369		114,600
Mud & Chemicals	214	160,000	314	22,000			370		182,000
Dril Stem Test	215		315	0					0
Coning & Analysis	216								0
Cement Surface	217	20,000							20,000
Cement Intermediate	218	50,000							50,000
Cement 2nd Intermediate/Production	219	60,000							60,000
Cement Squeeze & Other (Kickoff Plug)	220						371		0
Float Equipment & Centralizers	221	22,000							22,000
Casing Crews & Equipment	222	40,000							40,000
Fishing Tools & Service	223		323				372		2
Geologic/Engineering	224		324	0	355		373		2
Contract Labor	225	5,500	325	23,800	356	50,000	374	6,500	85,800
Company Supervision	226	39,600	326	15,000	357		375		54,600
Contract Supervision	227	79,000	327	134,000	358		376	5,000	218,000
Testing Casing/Tubing	228	40,000	328	10,000			377		50,000
Mud Logging Unit	229	32,000	329	0					32,000
Logging	230			0			378		0
Perforating/Wireline Services	231	4,000	331	251,000			379		255,000
Simulation/Treating			332	12,000			380		12,000
Completion Unit			333	73,000			381	8,800	81,800
Swabbing Unit			334	0			382		0
Rentals-Surface	235	115,000	335	196,000	359		383	7,000	318,000
Rentals-Subsurface	236	115,000	336	20,000			384		135,000
Trucking/Forklift/Rig Mobilization	237	120,000	337	40,000	360		385	3,000	163,000
Welding Services	238	4,000	338	5,000	361		386		9,000
Water Disposal	239		339	60,000	362	135,000	387		195,000
Plug to Abandon	240		340	0					0
Seismic Analysis	241		341	0					0
Miscellaneous	242		342				389		0
Contingency	243	41,000	343	100,000	363		390		141,000
Closed Loop & Environmental	244	209,000	344	5,000	364		388		205,000
Dyed Diesel	245		345	213,000					213,000
Coi Tubing			346	175,000					175,000
Flowback Crews & Equip			347	48,000					48,000
Offset Directional/Frac	248		348				391		0
TOTAL INTANGIBLES		2,283,200		3,652,300	238,000		30,300		6,203,900
TANGIBLE COSTS									
Surface Casing	401	46,000							46,000
Intermediate Casing	402	276,000							276,000
Production Casing/Liner	403	317,000							317,000
Tubing			504	48,600			530	5,000	53,600
Wellhead Equipment	404	75,000	505	23,900			531	3,000	98,900
Pumping Unit							506	96,000	96,000
Prime Mover				0			507	0	0
Rods							508	55,000	55,000
Pumps-Sub Surface (BH)			509	0			532	5,000	5,000
Tanks					510	34,000			34,000
Flowlines					511	78,000			78,000
Heater Treater/Separator					512	114,000			114,000
Electrical System					513	64,000	533	15,000	79,000
Packers/Anchors/Hangers	414		514	65,000			534	2,000	67,000
Couplings/Fittings/Valves	415				515	114,000			114,000
Dehydration					517				0
Injection Plant/CO2 Equipment				0	518				0
Pumps-Surface				0	521	11,000			11,000
Instrumentation/SCADA/POC					522		529	7,000	7,000
Miscellaneous	419		519		523		535	3,000	3,000
Contingency	420		520		524		536		0
Meters/LACT					525	31,000			31,000
Flares/Combustors/Emission					526	23,000			23,000
Gas Lift/Compression			527	15,000	516	35,000	528		50,000
TOTAL TANGIBLES		714,000		149,500	504,000		191,000		1,558,500
TOTAL WELL COSTS		2,997,200		3,801,800	742,000		221,300		7,762,400

COG Operating LLC

% of Total Well Cost

39%

49%

10%

3%

Date Prepared 1/4/2018

COG Operating LLC

We approve _____
% Working Interest

By PS-KL IV LE

Company Chevron U.S.A. 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.



Via Certified Mail
61 7199-6891 7038 1610 7112
Return Receipt Requested

June 11, 2018

Chevron U.S.A., Inc.
6301 Deauville
Midland, Texas 79706

Re: **Well Proposal – Little Bear Federal Com #6H**
Section 34: W $\frac{1}{2}$ W $\frac{1}{2}$
Township 20 South, Range 34 East, N.M.P.M.
SHL: 387' FSL & 660' FWL
BHL: 200' FNL & 330' FWL
Lea County, New Mexico

Gentlemen:

COG Operating LLC ("COG"), as Operator, hereby proposes the drilling and completion of the Little Bear Federal Com #6H 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 11,590' and a MD of approximately 16,870' to test the Wolfcamp formation ("Operation"). The total cost of the Operation is estimated to be \$7,762,400, 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. The Operating Agreement covers the W $\frac{1}{2}$ W $\frac{1}{2}$ of Section 34, T20S-R34E, 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

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

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

If you have any questions, please do not hesitate to contact the undersigned at 432-685-2535.

Respectfully,
COG OPERATING LLC



Danny Kidwell
Senior Staff Landman
Northern Delaware Basin - East

Encl.

_____ I/we hereby elect to participate in the Little Bear Federal Com #6H.

_____ I/we hereby elect not to participate in the Little Bear Federal Com #6H.

Company or
Individual Name: _____
By: _____
Name: _____
Title: _____
Date: _____

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME:	LITTLE BEAR FEDERAL COM #6H	PROSPECT NAME:	Zeus 2034 (717082)
SHL:	387' FSL & 660' FWL	STATE & COUNTY:	New Mexico, Lea
BHL:	200' FNL & 330' FWL	OBJECTIVE:	DRILL AND COMPLETE
FORMATION:	Wolfcamp	DEPTH:	16,870
LEGAL:	Sec 34, T20S-R34E	TVD:	11,590

		<u>Orig - Rig</u>		<u>Completion(C)</u>		<u>Tank Btty</u>		<u>Pmpq</u>		<u>TOTAL</u>
<u>INTANGIBLE COSTS</u>		<u>Release(D)</u>				<u>Constrctn(TB)</u>		<u>Equipment(PEQ)</u>		
Tide/Curative/Permit	201	11,000	302							11,000
Insurance	202	4,000								4,000
Damages/Right of Way	203	5,000	303		351					5,000
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Dnt Stem Test	215		315	0						0
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Swabbing Unit			334	0			382			0
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Seismic Analysis	241		341	0						0
Miscellaneous	242		342				389			0
Contingency	243	41,000	343	100,000	363		390			141,000
Closed Loop & Environmental	244	200,000	344	5,000	364		388			205,000
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Coil Tubing			346	175,000						175,000
Flowback Crews & Equip			347	48,000						48,000
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Intermediate Casing	402	278,000								278,000
Production Casing/Liner	403	317,000								317,000
Tubing			504	48,600			530	5,000		53,600
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Pumping Unit				0			506	96,000		96,000
Prime Mover				0			507	0		0
Rods							508	55,000		55,000
Pumps-Sub Surface (BH)			509	0			532	5,000		5,000
Tanks					510	34,000				34,000
Flowlines					511	78,000				78,000
Heater Treater/Separator					512	114,000				114,000
Electrical System					513	64,000	533	15,000		79,000
Packers/Anchors/Hangers	414		514	65,000			534	2,000		67,000
Couplings/Fittings/Valves	415				515	114,000				114,000
Dehydration					517					0
Injection Plant/CO2 Equipment				0	518					0
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Instrumentation/SCADA/POC					522		529	7,000		7,000
Miscellaneous	419	519			523		535	3,000		3,000
Contingency	420	520			524		536			0
Meters/LACT					525	31,000				31,000
Flares/Combustors/Emission					526	23,000				23,000
Gas Lift/Compression			527	15,000	516	35,000	528			50,000
TOTAL TANGIBLES		714,000		149,500		504,200		191,000		1,568,500
TOTAL WELL COSTS		2,997,300		3,801,800		742,200		221,300		7,762,400
% of Total Well Cost				39%	49%	10%		3%		

COG Operating LLC

Date Prepared 1/4/2018

COG Operating LLC

We approve:
_____% Working Interest

By PS-KL-TV-LE

Company: Chevron U.S.A. 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. 16327

AFFIDAVIT

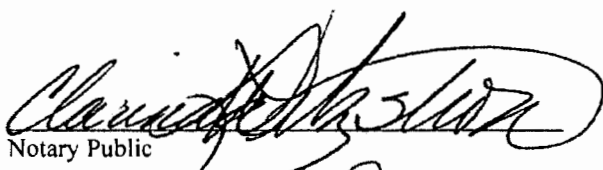
STATE OF NEW MEXICO)
) ss.
COUNTY OF SANTA FE)

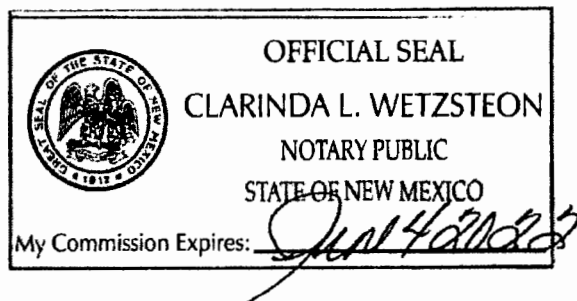
Jordan L. Kessler, attorney in fact and authorized representative of **COG OPERATING LLC**, the Applicant herein, being first duly sworn, upon oath, states that the above-referenced Applications have been provided under the notice letters and proof of receipts attached hereto.

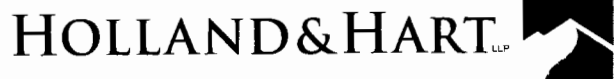


Jordan L. Kessler

SUBSCRIBED AND SWORN to before me this 24th day of July 2018 by Jordan L. Kessler.


Notary Public
My Commission Expires: Jun 4 2022





Michael H. Feldewert
Recognized Specialist in the Area of
Natural Resources - Oil and Gas Law - New
Mexico Board of Legal Specialization
mfeldewert@hollandhart.com

July 6, 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.
Little Bear Federal Com No. 1H**

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 July 26, 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 Danny Kidwell at (432) 685-2535 or dkidwell@concho.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael H. Feldewert".

Michael H. Feldewert

ATTORNEY FOR COG OPERATING LLC

Holland & Hart LLP

Phone [505] 988-4421 Fax [505] 983-6043 www.hollandhart.com

110 North Guadalupe Suite 1 Santa Fe, New Mexico 87501 Mailing Address P.O. Box 2208 Santa Fe, NM 87504-2208

Aspen Boulder Carson City Colorado Springs Denver Denver Tech Center Billings Boise Cheyenne Jackson Hole Las Vegas Reno Salt Lake City Santa Fe Washington, D.C. ☐

9414810898765014462131	Well	TransactionDate	ToName	DeliveryAddress	City	State	Zip
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9414810898765014462179	63724 - Little Bear COG Wells 1H - 5	07/06/2018	Conocophillips	600 N Dairy Ashford Rd	Houston	TX	77079-1100
9414810898765014462186	63724 - Little Bear COG Wells 2H - 1	07/06/2018	Chevron	6301 Deauville	Midland	TX	79706-2964
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Affidavit of Publication

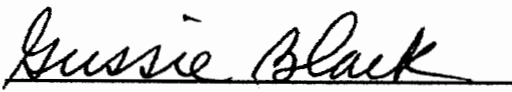
STATE OF NEW MEXICO
COUNTY OF LEA

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

Beginning with the issue dated
July 08, 2018
and ending with the issue dated
July 08, 2018.

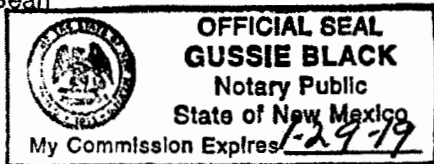

Publisher

Sworn and subscribed to before me this
8th day of July 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
July 8, 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 July 26, 2018, in the Oil Conservation Division Hearing Room at 1220 South St. Francis, Santa Fe, New Mexico, before an examiner duly appointed for the hearing. If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing, please contact: Florene Davidson at 505-478-3458 or through the New Mexico Relay Network, 1-800-659-1779 by July 16, 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 cases
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 and pooled parties, including: Apache Corporation; Fasken Oil & Ranch LTD; EOG Resources Inc.; ConocoPhillips; Chevron U. S. A., Inc.

Case No. 16327: Application of COG Operating LLC for a non-standard spacing and proration unit and compulsory pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order (1) creating a 160-acre, more or less, spacing and proration unit comprised of the W/2 W/2 of Section 34, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico; and (2) pooling all mineral interests in the Bone Spring formation underlying this acreage. Said non-standard unit is to be dedicated to applicant's proposed Little Bear Federal Com No. 1H, which will be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 34 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 34. The completed interval for this well will remain within the 330-foot standard offset required by the Division's rules. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of COG Operating LLC as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 24 miles northwest of Eunice, New Mexico.

#32991

67100754

00214738

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

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

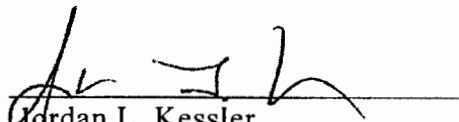
**APPLICATION OF COG OPERATING LLC
FOR A NON-STANDARD SPACING AND
PRORATION UNIT AND COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO.**

CASE NO. 16332

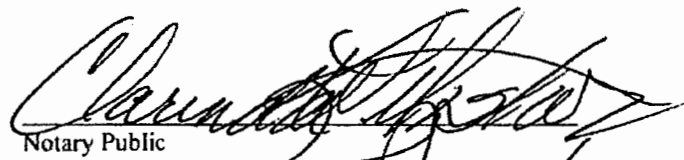
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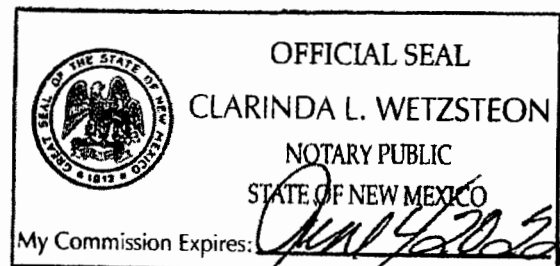
STATE OF NEW MEXICO)
) ss.
COUNTY OF SANTA FE)

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 24th day of July 2018 by Jordan L. Kessler.


Notary Public
My Commission Expires: Jul 4 2022





Michael H. Feldewert
Recognized Specialist in the Area of
Natural Resources - Oil and Gas Law - New
Mexico Board of Legal Specialization
mfeldewert@hollandhart.com

July 6, 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.
Little Bear Federal Com No. 6H**

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 July 26, 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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If you have any questions about this matter please contact Danny Kidwell at (432) 685-2535 or dkidwell@concho.com.

Sincerely,

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Michael H. Feldewert

ATTORNEY FOR COG OPERATING LLC

Holland & Hart LLP

Phone [505] 988-4421 Fax [505] 983-6043 www.hollandhart.com

110 North Guadalupe Suite 1 Santa Fe, New Mexico 87501 Mailing Address P.O. Box 2208 Santa Fe, NM 87504-2208

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9414810898765014462599	63724 - Little Bear COG Wells 7H - 6	07/06/2018	Eog Y Resources, Inc.	5509 Champions Dr	Midland	TX	79706-2843
9414810898765014462605	63724 - Little Bear COG Wells 7H - 7	07/06/2018	Marathon Oil Permian LLC	5555 San Felipe St	Houston	TX	77056-2701
9414810898765014462684	63724 - Little Bear COG Wells 7H - 8	07/06/2018	Zzp Delaware I, LLC	200 Post Oak Blvd, Suite 100	Houston	TX	77056
9414810898765014462691	63724 - Little Bear COG Wells 8H - 1	07/06/2018	Apache Corporat	303 Veterans Airpark Ln	Midland	TX	79705-4546

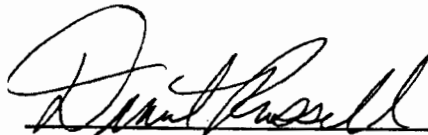
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9414810898765014456314	63724 - Little Bear COG Wells 8H - 3	07/06/2018	Eog Resources Inc.	5509 Champions Dr	Midland	TX	79706-2843
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9414810898765014456352	63724 - Little Bear COG Wells 9H - 1	07/06/2018	Apache Corporat	303 Veterans Airpark Ln	Midland	TX	79705-4546
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Affidavit of Publication

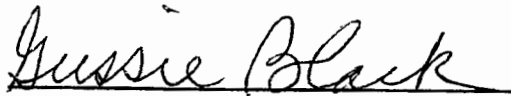
STATE OF NEW MEXICO
COUNTY OF LEA

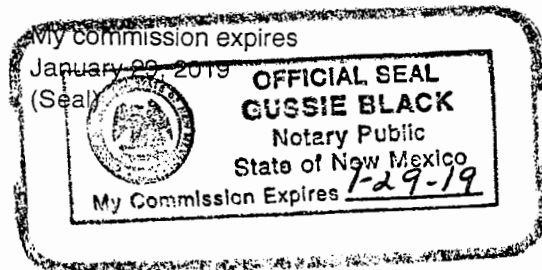
I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated
July 11, 2018
and ending with the issue dated
July 11, 2018.


Publisher

Sworn and subscribed to before me this
11th day of July 2018.


Business Manager



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

LEGAL	LEGAL	LEGAL
Legal Notice July 11, 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 July 26, 2018, in the Oil Conservation Division Hearing Room at 1220 South St. Francis, Santa Fe, New Mexico, before an examiner duly appointed for the hearing. If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing, please contact: Florene Davidson at 505-476-3458 or through the New Mexico Relay Network, 1-800-659-1779 by July 16, 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 and pooled parties, including: Apache Corporation; Fasken Oil & Ranch LTD; EOG Resources Inc.; ConocoPhillips; Chevron U. S. A., Inc.		
Case No. 16332: Application of COG Operating LLC for a non-standard spacing and proration unit and compulsory pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order: (1) creating a 160-acre, more or less, spacing and proration unit comprised of the W/2 W/2 of Section 34, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico; and (2) pooling all mineral interests in the Wolfcamp formation underlying this acreage. Said non-standard unit is to be dedicated to applicant's proposed Little Bear Federal Com No. 6H , which will be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 34 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 34. The completed interval for this well will remain within the 330-foot standard offset required by the Division's rules. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of COG Operating LLC as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 24 miles northwest of Eunice, New Mexico. #32999		

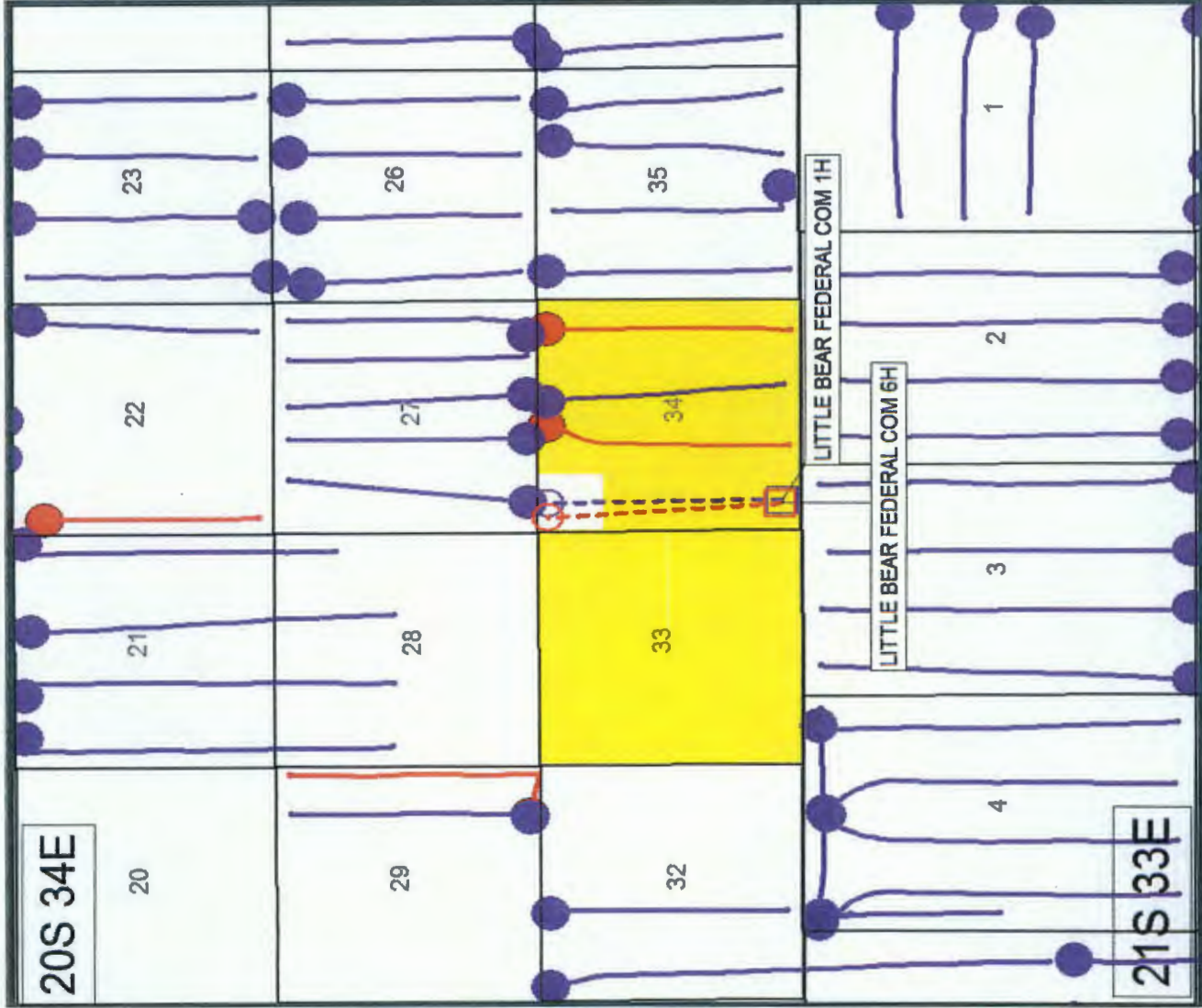
67100754

00214793

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

LITTLE BEAR Project

Little Bear Federal Com
Section 34 T20S-R34E



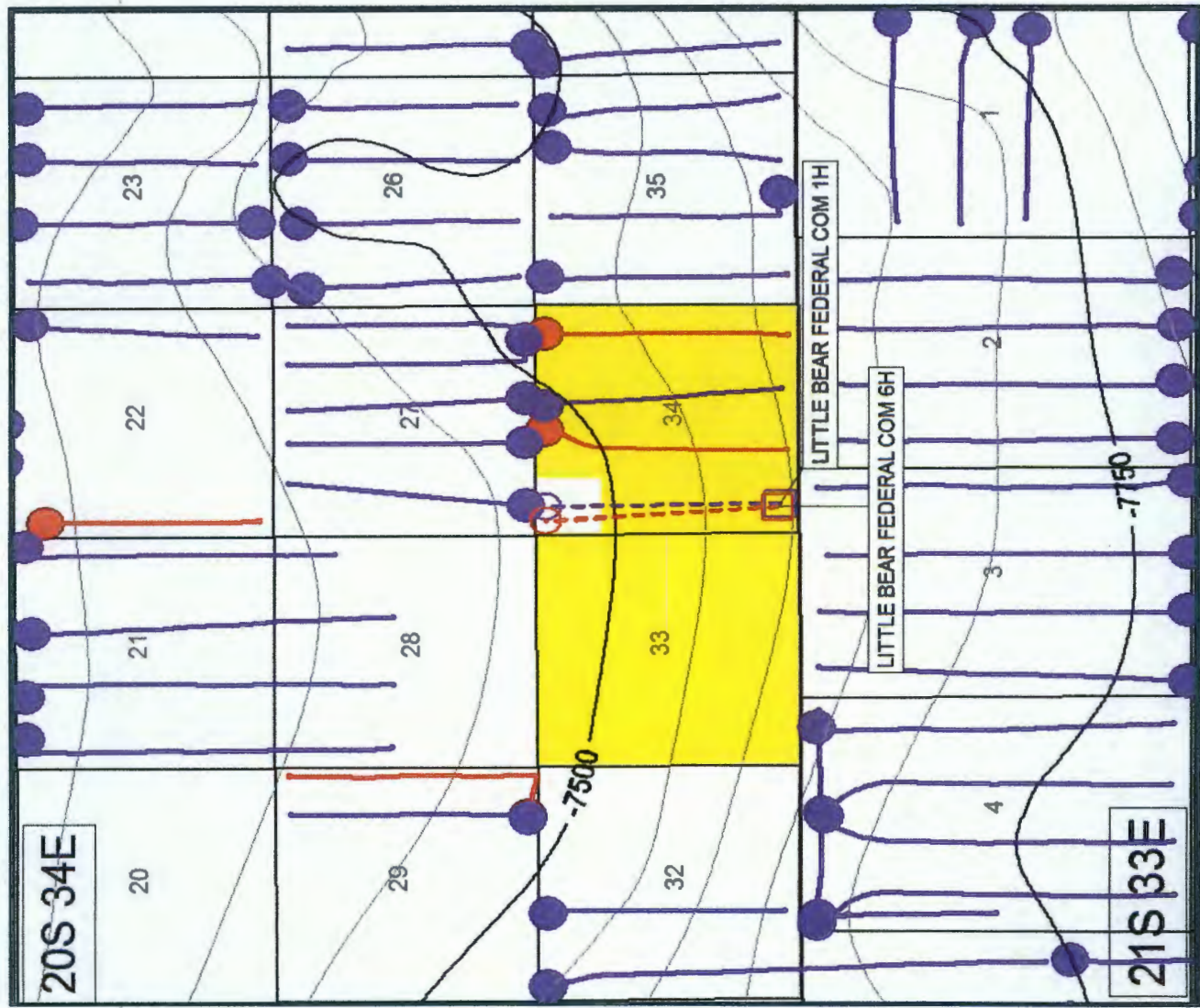
Map Legend

- SHL BHL COG - Wolfcamp A Horizontal Location
- Producing Wolfcamp A Wells
- SHL BHL COG - 3RD Bone Spring Horizontal Location
- Producing 3rd Bone Spring Wells
- COG Acreage



LITTLE BEAR Project

Little Bear Federal Com
Section 34 T20S-R34E



Map Legend

- SHL (red square) --- BHL (red circle) COG - Wolfcamp A Horizontal Location
- Producing Wolfcamp A Wells (red dot)
- SHL (purple square) --- BHL (purple circle) COG - 3RD Bone Spring Horizontal Location
- Producing 3rd Bone Spring Wells (purple dot)
- Wolfcamp Structure CI: 50' (wavy line)
- COG Acreage (yellow square)



BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Case Nos. 16327 & 16332 Exhibit No. 7
Submitted by:
COG OPERATING LLC
Hearing Date: July 25, 2018

The map displays a grid of sections with the following labels and features:

- Section Labels:** 20, 21, 22, 23, 26, 27, 28, 29, 32, 33, 34, 35.
- Grid Orientation:** 20S 34E (top-left) and 21S 33E (bottom-right).
- Highlighted Area:** A yellow rectangular area covering sections 32, 33, and 34.
- Red Dashed Line:** A line connecting point A34 (top) to point A32 (bottom) within the yellow area.
- Green Line:** A line connecting point A32 (bottom) to a point on the left side of the yellow area.
- Other Labels:** LITTLE BEAR FEDERAL COM 6H, LITTLE BEAR FEDERAL COM 1H, and a small 'A' label near section 27.

The diagram illustrates the geological structure of the Wolfcamp A and Bone Spring formations. It shows two main sections: the upper Wolfcamp A formation and the lower Bone Spring formation. The Wolfcamp A formation is depicted with a red color scheme, while the Bone Spring formation is shown in purple. A yellow area at the bottom represents the COG acreage. A green circle with a line through it indicates a cross-section line. The diagram also identifies producing wells: a red well in the Wolfcamp A formation and a purple well in the Bone Spring formation. The COG locations are marked with red and purple squares, and the well locations are marked with red and purple circles.

Legend:

- SHL (Surface Horizontal Location)
- BHL (Bottom Horizontal Location)
- Producing Wolfcamp A Wells
- SHL (Surface Horizontal Location)
- BHL (Bottom Horizontal Location)
- Producing 3rd Bone Spring Wells
- Cross Section Line
- COG Acreage



CONCHO

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Case Nos. 16327 & 16332 Exhibit No. 8
 Submitted by:
COG OPERATING LLC
 Hearing Date: July 25, 2018

Stratigraphic Cross Section A – A'

