

# COG OPERATING LLC TIN FOIL 605H & 705H Section 23-T25S-35E Lea County, New Mexico

### BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico Case No. 20832 Exhibit No. 1

Submitted by: COG OPERATING LLC Hearing Date: November 14, 2019

DISTRICT I DISTRICT II 811 S. FIRST ST., ARTESIA, NM 88210 Phone: (575) 746-1283 Fax: (575) 746-9720

State of New Mexico 1626 N. FRENCE DR., BOBBS, MM 68240 Energy, Minerals & Natural Resources Department of the Control State (676) Sta OIL CONSERVATION DIVISION

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

Revised August 1, 2011 Submit one copy to appropriate District Office

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

DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FR. NM 87505 Phone: (505) 478-3460 Fax: (505) 476-3462

☐ AMENDED REPORT

	WELL LOCATION AND ACREAGE DEDICATION PLAT	
API Number	Pool Code Pool Name	
Property Code	Property Name	Well Number
	TIN FOIL FEDERAL COM	604H
OGRID No.	Operator Name	Elevation
	COG OPERATING, LLC	3153.8'

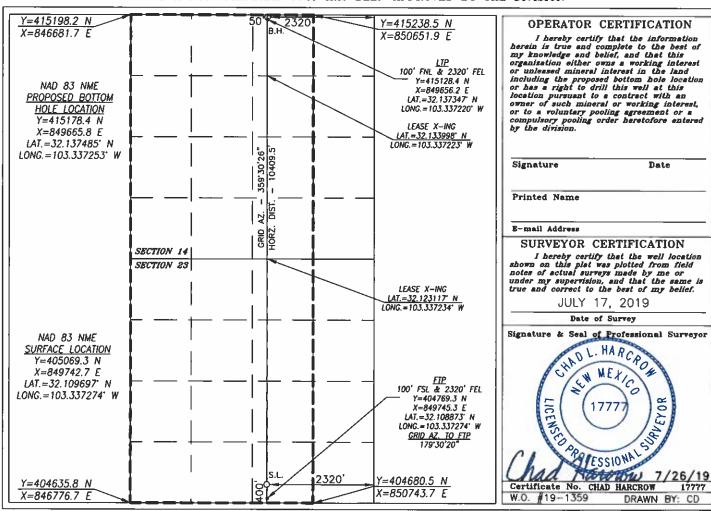
### Surface Location

Γ	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	0	23	25-S	35-E		400	SOUTH	2320	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
В	14	25-S	35-E		50	NORTH	2320	EAST	LEA
Dedicated Acres   Joint or Infill   Consolidation Code		Code Or	ier No.						

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



DISTRICT I

State of New Mexico 1625 N. FRENCE DR., HOBBS, NM 88240 Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

DISTRICT II 511 S. FIRST ST., ARTESIA, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 DISTRICT III 1000 RIO BRAZOS RD., AZTEC, NM 87410 Phone: (505) 334-6176 Fax: (505) 334-6170

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

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

DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FR. NM 67505 Phone: (505) 476-3460 Pax: (505) 476-3462

□ AMENDED REPORT

	WELL LOCATION AND ACREAGE DEDICATION PLAT	
API Number	Pool Code Pool Name	
Property Code	Property Name	Well Number
	TIN FOIL FEDERAL COM	705H
OGRID No.	Operator Name	Elevation
	COG OPERATING, LLC	3178.9

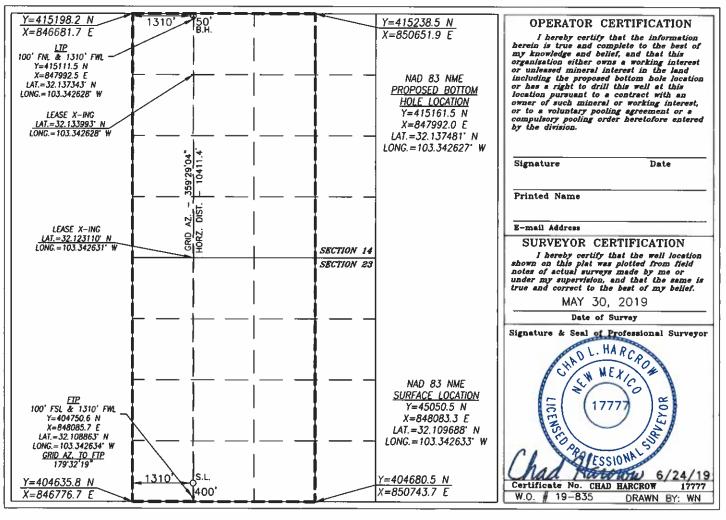
### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
М	23	25-\$	35-E		400	SOUTH	1310	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	14	25-S	35-E		50	NORTH	1310	WEST	LEA
Dedicated Acres   Joint or Infili   Consolidation Code			Code Ore	der No.			<u> </u>		

### 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

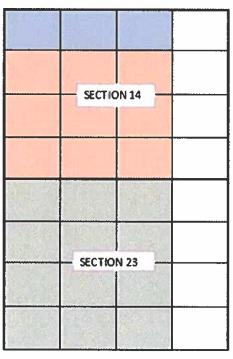


### COG Operating, LLC—Tinfoil Federal Com Wells

Township 25 South-Range 35 East, N.M.P.M.

Section 14: W/2, W/2E/2 Section 23: W/2, W/2E/2 Lea County, New Mexico

Limited in Depth to the Wolfcamp Formation



TRACT 1	
TRACT 2	R*macile*
TRACT 3	

COG Operating LLC	73.595478%
Advance Energy Partners LLC	17.952141%
MRC Permian Company	3.660715%
Joe D. Abbott	3.601190%
Estate of Lawrence Edward Boulter	0.476190%
Stephanie Holcomb	0.357143%
Michael D. Burn	0.357143%

**Participating Parties**Parties We Seek to Pool

Tract 2: Section 14: SW/4, W	/2SF/4 S/2NW/4 9	SW/ANE/A (360 00 Acres)

COG Operating LLC		100.000000%	
	Total	100.000000%	

100.000000%

Tract 3: Section 23: W/2, W/2E/2 (480.00 Acres)

Chevron USA Inc.	100.000000%
Total	100.000000%

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico
Case No. 20832 Exhibit No. 2
Submitted by:
COG OPERATING LLC
Hearing Date: November 14, 2019

Total:



July 9, 2019

Advance Energy Partners, LLC 11490 Westheimer Road, Suite 950 Houston, TX 77077

Re: Well Proposal - Tin Foil Fed Com #604H

Sec 23 and 14: W/2E/2, T25S-R35E

Approximate SHL: 2010' FEL and 230' FSL, or another location in Section 23 Approximate BHL: 2310' FEL and 50' FNL, or another location in Section 14

### Dear Sir/Madam:

COG Operating LLC (COG), as Operator, hereby proposes to drill the Tin Foil Fed Com #604H well as a horizontal well at the above-captioned location, or at a legal location as approved by the governing regulatory agency, to a TVD of approximately 12,050' and a MD of 22610' to test the Bone Spring Formation ("Operation"). The FTP of this well is estimated at 2,310 FEL and 100' FSL of Section 23 and the LTP of this well is estimated at 2,310 FEL and 100' FNL of Section 14. The total cost of the Operation is estimated to be \$14,513,855 and a detailed description of the cost is set out in the enclosed Authority for Expenditure ("AFE").

COG is proposing that you join this well under the terms of a new modified 1989 AAPL form of Operating Agreement which is enclosed for your review and approval. The Operating Agreement covers the W/2 and W/2E/2 of Sections 14 and 23, T25S-R35E, Lea County, NM and has the following general provisions:

- Depths Limited to the Bone Spring Formation
- 100/300 Non-Consenting Penalty
- \$8,000/\$800 Drilling and Producing Rate
- COG Operating LLC named as Operator

Please indicate your participation election in the space provided below, sign and return this letter, the OA, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements if you would like to participate. A self-addressed, postage paid envelope is enclosed for your convenience.

If you do not wish to participate in the Operation, COG would like to term assign your working interest under the following basic provisions:

- \$5000/acre bonus
- 2 Year Primary Term
- Overriding Royalty Interest reserved unto assignor of the positive difference (if any) between existing burdens of record and 25%.

Please indicate your intent to Term Assign your Working Interest to COG by contacting me at the email below. If you have any questions, please do not hesitate to contact the undersigned by email below or at 432-685-2515.

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico
Case No. 20832 Exhibit No. 3
Submitted by:
COG OPERATING LLC

Hearing Date: November 14, 2019



Sincerely,

In the interest of time, if we do not reach an agreement within 30 days of receipt 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 (s).

f// ///	
Adam Reker, MBA, F Landman areker@concho.com	RPL
	I/We hereby elect to participate in the Tin Foil Fed Com #604H
	I/We hereby elect <u>not</u> to participate in the Tin Foil Fed Com #604H
Company or Individual Name:	



August 30, 2019

US Certified Mail	-

Working Interest Owners

Re: Correction to AFE and Proposal Letter - Tinfoil Fed Com #604H

Sections 14 and 23:

Township 25 South, Range 35 East, N.M.P.M.

SHL: 230' FSL & 2010' FEL, or another location in Sec. 23 BHL: 50' FNL & 2310' FWL, or another location in Sec. 14

Lea County, New Mexico

To Whom it May Concern,

COG Operating LLC ("COG"), as Operator, here by updates the Authority for Expenditure ("AFE") and proposal letter covering the proposed Tinfoil Fed Com #604H well to reflect a typo in permitting/ the initial proposal. The well was mistakenly permitted and proposed as a 3<sup>rd</sup> Bone Spring well when COG actually intends to drill it as a Wolfcamp well. I have enclosed an updated AFE with the correct TVD, MD, Target Formation and COG has corrected the permitting issue with the governing authority. This letter and replacement AFE are for notification purposes only and are not intended to rescind the previous well proposal dated July 9, 2019.

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

Respectfully, COG OPERATING LLC

Adam Reker, MBA, RPL Landman COG Operating LLC



July 9, 2019

Advance Energy Partners, LLC 11490 Westheimer Road, Suite 950 Houston, TX 77077

Re: Well Proposal - Tin Foil Fed Com #705H

Sec 23 and 14: W/2W/2, T25S-R35E

Approximate SHL: 1310' FWL and 230' FSL, or another location in Section 23 Approximate BHL: 1310' FWL and 50' FNL, or another location in Section 14

### Dear Sir/Madam:

COG Operating LLC (COG), as Operator, hereby proposes to drill the Tin Foil Fed Com #705H well as a horizontal well at the above-captioned location, or at a legal location as approved by the governing regulatory agency, to a TVD of approximately 12,200' and a MD of 22,760' to test the Wolfcamp Formation ("Operation"). The FTP of this well is estimated at 1310' FWL and 100' FSL of Section 23 and the LTP of this well is estimated at 1310' FWL and 100' FNL of Section 14. The total cost of the Operation is estimated to be \$14,589,255 and a detailed description of the cost is set out in the enclosed Authority for Expenditure ("AFE").

COG is proposing that you join this well under the terms of a new modified 1989 AAPL form of Operating Agreement which is enclosed for your review and approval. The Operating Agreement covers the W/2 and W/2E/2 of Sections 14 and 23, T25S-R35E, Lea County, NM and has the following general provisions:

- Depths Limited to the Bone Spring Formation
- 100/300 Non-Consenting Penalty
- \$8,000/\$800 Drilling and Producing Rate
- COG Operating LLC named as Operator

Please indicate your participation election in the space provided below, sign and return this letter, the OA, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements if you would like to participate. A self-addressed, postage paid envelope is enclosed for your convenience.

If you do not wish to participate in the Operation, COG would like to term assign your working interest under the following basic provisions:

- \$5000/acre bonus
- 2 Year Primary Term
- Overriding Royalty Interest reserved unto assignor of the positive difference (if any) between existing burdens of record and 25%.

Please indicate your intent to Term Assign your Working Interest to COG by contacting me at the email below. If you have any questions, please do not hesitate to contact the undersigned by email below or at 432-685-2515.



Sincerely,

In the interest of time, if we do not reach an agreement within 30 days of receipt 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 (s).

AL 1	
Adam Reker, MBA, .andman .reker@concho.cor	
	I/We hereby elect to participate in the Tin Foil Fed Com #705H
	I/We hereby elect <u>not</u> to participate in the Ten Foil Fed Com #705H
Company or ndividual Name:	
lame:	
litle: Date:	

# COG OPERATING LLC AUTHORITY FOR EXPENDITURE Drill & Complete

Well Name TIN FOIL FED COM#604H SHL Sec 23: 400 FSL & 2320 FEL BHL Sec 14: 50 FNL & 2320 FEL Formation Wolfcamp Legal Sec 23: T25S R35E Prospect BULLDOG 2535
State & County Lea County, NM
Oblective Drill & Complete
Depth 22,400
TVD 12,266

			<u> </u>						
Cost Description Intangible Costs	Code	PreSpud (PS)	Pre-Set Casing(PC)	Drilling (DR)	Completions (C)	Tank Btty Constrctn(TB)	Pmpq Equip (PEQ)	Revision	Tota
PS-Title/Permits	201	\$20,000.00						\$0.00	\$20,000.00
PS- Insurance PS-Damages/ROW	202	\$2,500.00 \$20,000.00						\$0.00 \$0.00	\$2,500.00 \$20,000.00
PS-Survey/Stake Lctn	204	\$7,000.00						\$0.00	\$7,000.00
D-Lctn/Pits/Roads D-Drilling Overhead	205 206			\$135,000.00 \$11,100.00				\$0.00 \$0.00	\$135,000.00 \$11,100.00
D-Daywork Contract	209			\$964,000.00				\$0.00	\$964,000.00
D-Directional Drig Services	210 211			\$480,000.00				\$0.00	\$480,000.0
D-Fuel & Power D-Water	212			\$211,000.00 \$80,000.00				\$0.00 \$0.00	\$211,000.00 \$80,000.00
D-Bits	213			\$119,000.00				\$0.00	\$119,000.00
D-Mud & Chemicals D-Cement Surface	214 217			\$275,000.00 \$38,000.00				\$0.00 \$0.00	\$275,000.00 \$38,000.00
D-Cement Intermed	218			\$75,000.00				\$0.00	\$75,000.0
D-Prod-2nd Int Cmt D-Float Equipment & Centralizers	219			\$115,000.00 \$65,000.00				\$0.00 \$0.00	\$115,000.00 \$65,000.00
D-Csg Crews & Equip	222			\$70,000.00				\$0.00	\$70,000.00
D-Geologic/Engnrg	224			\$11,800.00				\$0.00	\$11,800.0
D-Contract Labor D-Company Sprvsn	225 226			\$6,500.00 \$66,600.00				\$0.00 \$0.00	\$6,500.0 \$66,600.0
D-Contract Sprvsn	227			\$157,000.00				\$0.00	\$157,000.0
D-Tstg Csg/Tbg D-Mud Logging Unit	228 229			\$30,000.00 \$70,000.00				\$0.00	\$30,000.00 \$70,000.00
D-Perf/Wireline Svc	231			\$4,000.00				\$0.00	\$4,000.0
D-Rentals-Surface D-Rentals-Subsrfc	235			\$190,000.00 \$150,000.00				\$0.00	\$190,000.0
D-Trucking/Forklift/Rig Mob	236 237			\$200,000.00				\$0.00 \$0.00	\$150,000.00 \$200,000.00
D-Welding Services	238			\$3,000.00				\$0.00	\$3,000.0
D-Contingency D-Envmmtl/Clsd Loop	243			\$72,000.00 \$330,000.00				\$0.00 \$0.00	\$72,000.00 \$330,000.00
C-Lctn/Pits/Roads	305				\$10,000.00		· · · · · ·	\$0.00	\$10,000.0
C-Completion OH C-Frac Equipment	306 307				\$15,000.00 \$1,418,000.00			\$0.00 \$0.00	\$15,000.00 \$1,418,000.00
C-Frac Chemicals	308				\$473,000.00			\$0.00	\$473,000.0
C-Frac Proppant	309				\$814,000.00			\$0.00	\$814,000.0
C-Frac Proppant Transportation C-Fuel Delivery & Services	310 311				\$399,000.00 \$68,000.00		<del>-</del>	\$0.00 \$0.00	\$399,000.00 \$68,000.00
C-Water	312				\$966,000.00			\$0.00	\$966,000.00
C-Bits C-Mud & Chemicals	313 314				\$4,500.00 \$25,000.00	<u>.</u>		\$0.00 \$0.00	\$4,500.00 \$25,000.00
C-Contract Labor	325			-	\$20,000.00			\$0.00	\$20,000.00
C-Company Sprvsn	326				\$15,000.00			\$0.00	\$15,000.00
C-Contract Sprvsn C-Tstg Csg/Tbg	327 328				\$255,000.00 \$5,000.00			\$0.00 \$0.00	\$255,000.00 \$5,000.00
C-Perf/Wireline Svc	331				\$538,000.00			\$0.00	\$538,000.00
C-Stimulation/Treating C-Completion Unit	332 333				\$397,000.00 \$138,000.00			\$0.00 \$0.00	\$397,000.00 \$138,000.00
C-Rentals-Surface	335				\$403,000.00			\$0.00	\$403,000.00
C-Rentals-Subsric	336 337				\$30,000.00 \$20,000.00			\$0.00 \$0.00	\$30,000.00 \$20,000.00
C-Trucking/Forklift/Rig Mob C-Welding Services	338				\$5,000.00			\$0.00	\$5,000.00
C-Water Disposal	339				\$60,000.00			\$0.00	\$60,000.00
C-Contingency C-Envmmtl/Clsd Loop	343 344				\$250,000.00 \$5,000.00			\$0.00 \$0.00	\$250,000.00 \$5,000.00
C-Dyed Diesel	345				\$484,000.00			\$0.00	\$484,000.00
C-Drillout C-Flowback Crews & Equip	346 347				\$750,000.00 \$48,000.00			\$0.00 \$0.00	\$750,000.00 \$48,000.00
TB-Location/Pits/Roads	353				\$40,000.00	\$45,000.00		\$0.00	\$45,000.00
TB-Contract Labor	356					\$122,935.00 \$135,000.00		\$0.00	\$122,935.00
TB-Water Disposal PEQ-Contract Labor	362					\$135,000.00	\$6,500.00	\$0.00 \$0.00	\$135,000.00 \$6,500.00
PEQ-Contract Supervision	376						\$5,000.00	\$0.00	\$5,000.00
PEQ-Completion Unit PEQ-Rentals-Surface	381						\$8,800.00 \$7,000.00	\$0.00 \$0.00	\$8,800.00 \$7,000.00
PEQ-Trkg/Forklift/Rig Mobilization	385						\$3,000.00	\$0.00	\$3,000.00
PEQ-Water Disposal	387	242 542 44	20.00	00 000 000 00	03.046.600.00	2000.000.00	\$250,000.00	\$0.00	\$250,000.00
Fotal Intangible Costs		\$49,500.00	\$0.00	\$3,929,000.00	\$7,615,500.00	\$302,935.00	\$280,300.00	\$0.00	\$12,177,235.00
Tangible Costs	W X		AL		(E) 14 (E) 14				4 808/
D-Surface Casing D-Intermed Csg	401			\$48,000.00 \$555,000.00				\$0.00 \$0.00	\$48,000.00 \$555,000.00
D-Intermed Csg D-Production Casing/Liner	403			\$796,000.00				\$0.00	\$796,000.00
D-Wellhead Equip	405			\$75,000.00	\$63.000.00			\$0.00	\$75,000.00
C-Tubing C-Welthead Equip	504 505				\$52,030.00 \$22,000.00			\$0.00 \$0.00	\$52,030.0 \$22,000.0
PEQ-Pumping Unit	_506				, , , , , , , , , , , , , , , , , , , ,		\$96,000.00	\$0.00	\$96,000.00
PEQ-Rods FB-Tanks	508 510					\$63,645.00	\$55,000.00	\$0.00 \$0.00	\$55,000.00 \$63,645.00
TB-Flowlines/Pipelines	511					\$26,593.00		\$0.00	\$26,593.00
TB-Htr Trtr/Seprtr	512					\$140,007.00		\$0.00	\$140,007.00
TB-Electrical System/Equipment C-Pckrs/Anchors/Hgrs	513 514				\$66,000.00	\$130,000.00		\$0.00 \$0.00	\$130,000.00 \$66,000.00
TB-Couplings/Fittings/Valves	515			74	,	\$102,282.00		\$0.00	\$102,282.00
FB-Gas Lift/Compression FB-Pumps-Surface	516 521					\$60,000.00   \$5,000.00		\$0.00 \$0.00	\$60,000.00 \$5,000.00
						\$10,482.00		\$0.00	\$10,482.00
B-Instrumentation/SCADA/POC						\$5,241.00 \$25,156.00		\$0.00 \$0.00	\$5,241.0 \$25,156.0
FB-Instrumentation/SCADA/POC FB-Miscellaneous	523					\$23,584.00		\$0.00	\$23,584.0
FB-Instrumentation/SCADA/POC FB-Miscellaneous FB-Meters/Lacts FB-Flares/Combusters/Emission	523 525 526							\$0.00	\$15,000.0
[B-Instrumentation/SCADA/POC IB-Miscellaneous IB-Meters/Lacts IB-Flares/Combusters/Emission C-Gas Lift/Compression	523 525 526 527				\$15,000.00		27 000 00		
FB-Instrumentation/SCADA/POC FB-Miscellaneous FB-Meters/Lacts FB-Flares/Combusters/Emission C-Gas Lift/Compression PEQ-Instrumentation/SCADA/PO	523 525 526 527 529				\$15,000.00		\$7,000.00 \$5,000.00	\$0.00 \$0.00	\$7,000.0
FB-Instrumentation/SCADA/POC IB-Miscellaneous IB-Meters/Lacts IB-Flares/Combusters/Emission C-Gas Lift/Compression PEQ-Instrumentation/SCADA/PO PEQ-Tubing PEQ-Wellhead Equipment	523 525 526 526 527 529 530 531				\$15,000.00		\$5,000.00 \$3,000.00	\$0.00 \$0.00 \$0.00	\$7,000.00 \$5,000.00 \$3,000.00
IB-Instrumentation/SCADA/POC IB-Miscellaneous IB-Meters/Lacts IB-Flares/Combusters/Emission C-Gas Lift/Compression EQ-Instrumentation/SCADA/PO EQ-Tubing EQ-Weilhead Equipment EQ-Pumps	523 525 526 527 529 530 531 532				\$15,000.00		\$5,000.00 \$3,000.00 \$5,000.00	\$0.00 \$0.00 \$0.00 \$0.00	\$7,000.0 \$5,000.0 \$3,000.0 \$5,000.0
IB-Instrumentation/SCADA/POC IB-Miscellaneous IB-Misces/Lacts IB-Flares/Combusters/Emission C-Gas Lift/Compression EQ-Instrumentation/SCADA/PO PEQ-Tubing PEQ-Wellhead Equipment PEQ-Pumps PEQ-Electrical System	523 525 526 527 529 530 531 532 533 534				\$15,000.00		\$5,000.00 \$3,000.00 \$5,000.00 \$15,000.00 \$2,000.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$7,000.00 \$5,000.00 \$3,000.00 \$5,000.00 \$15,000.00 \$2,000.00
RE-Instrumentation/SCADA/POC B-Miscellaneous B-Meters/Lacts B-Flares/Combusters/Emission C-Gas Lift/Compression EC-Instrumentation/SCADA/PO EC-Tubing EC-Weithead Equipment EC-Electrical System EC-Packers/Anchors/Hangers EC-Miscellaneous	523 525 526 527 529 530 531 532 533						\$5,000.00 \$3,000.00 \$5,000.00 \$15,000.00 \$2,000.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$7,000.00 \$5,000.00 \$3,000.00 \$5,000.00 \$15,000.00 \$2,000.00 \$3,000.00
RE-Instrumentation/SCADA/POC B-Miscellaneous B-Meters/Lacts B-Flares/Combusters/Emission C-Gas Lift/Compression EC-Instrumentation/SCADA/PO EC-Tubing EC-Weithead Equipment EC-Electrical System EC-Packers/Anchors/Hangers EC-Miscellaneous	523 525 526 527 529 530 531 532 533 534	\$0.00	\$0.00	\$1,474,000.00	\$15,000.00 \$165,030.00	\$591,990.00	\$5,000.00 \$3,000.00 \$5,000.00 \$15,000.00 \$2,000.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$7,000.00 \$5,000.00 \$3,000.00 \$5,000.00 \$15,000.00 \$2,000.00 \$3,000.00
B-Instrumentation/SCADA/POC B-Miscellaneous B-Miscellaneous B-Flares/Combusters/Emission -Gas Lift/Compression EQ-Instrumentation/SCADA/PO EQ-Tubing EQ-Wellhead Equipment -EQ-Permps -EQ-Electrical System -EQ-Packers/Anchors/Hangers -EQ-Miscellaneous 	523 525 526 527 529 530 531 532 533 534	\$0.00	\$0.00	\$1,474,000.00		\$591,990.00 \$884,925.00	\$5,000.00 \$3,000.00 \$5,000.00 \$15,000.00 \$2,000.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$7,000.00 \$5,000.00 \$3,000.00 \$5,000.00 \$15,000.00 \$2,000.00 \$3,000.00 \$2,412,020.00
Re-Instrumentation/SCADA/POC Re-Miscellaneous Re-Meters/Lacts Re-Flares/Combusters/Emission Casa Lift/Compression PEQ-Instrumentation/SCADA/PO PEQ-Tubing PEQ-Wellhead Equipment PEQ-Pumps PEQ-Pectrical System PEQ-Packers/Anchors/Hangers PEQ-Miscellaneous Total Tangible Costs	523 525 526 527 529 530 531 532 533 534 535	\$49,500.00	\$0.00		\$165,030.00		\$5,000.00 \$3,000.00 \$5,000.00 \$15,000.00 \$2,000.00 \$3,000.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$7,000.00 \$5,000.00 \$3,000.00 \$5,000.00 \$15,000.00 \$2,000.00 \$3,000.00 \$2,412,020.00
B-Instrumentation/SCADA/POC B-Miscellaneous B-Miscellaneous B-Miscellaneous B-Miscellaneous B-Flares/Combusters/Emission -Gas Lift/Compression EQ-Instrumentation/SCADA/PO PEQ-Tubing PEQ-Wellnead Equipment PEQ-Pumps PEQ-Plectrical System PEQ-Peckers/Anchors/Hangers PEQ-Miscellaneous Total Tangible Costs Total Gross Cost Interest Costs are estimated.	523 525 526 527 529 530 531 532 533 534 535	\$49,500.00	\$0.00		\$165,030.00		\$5,000.00 \$3,000.00 \$5,000.00 \$15,000.00 \$2,000.00 \$3,000.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$7,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$15,000.00 \$2,000.00 \$3,000.00 \$2,412,020.00
TB-Instrumentation/SCADA/POC TB-Miscellaneous TB-Meters/Lacts TB-Flares/Combusters/Emission C-Gas Lift/Compression EQ-Instrumentation/SCADA/PO PEQ-Tubing PEQ-Wellhead Equipment	523 525 526 527 529 530 531 532 533 534 535	\$49,500.00	\$0.00		\$165,030.00	\$894,925.00	\$5,000.00 \$3,000.00 \$5,000.00 \$15,000.00 \$2,000.00 \$3,000.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$7,000.00 \$5,000.00 \$3,000.00 \$5,000.00 \$15,000.00 \$2,000.00 \$2,412,020.00

Total Gross Cost	\$49,500.00	\$0.00   \$5,403,000.00	97,770,530.00	\$684,925.00	\$4/1,300.00	\$0.00
Note: The above costs are estimates only. A	ctual costs will be billed as incu	rred.				mark Technology
COG Operating LLC						
Ву:				Date Prepared:	6/4/2019	
				COG Operating LLC		
We approve:						
% V	Vorking Interest			Ву:	AL	<u> </u>
Company:						
Ву:						
Printed Name:						
Title:					ate. By signing you agree to pay	,
Date:				your share of the actual co	osts incurred	
	<del>-</del>					

## COG OPERATING LLC AUTHORITY FOR EXPENDITURE Drill & Complete

Well Name TIN FOIL FED COM #705H
SHL Sec 23: 400 FSL & 1310 FWL
BHL Sec 14: 50 FNL & 1310 FWL
Formation Wolfcamp
Legal Sec 23: T25S R35E

Prospect BÜLLDOG 2535
State & County Lea County. NM
Objective Drill & Complete
Depth
TVD

I= =									
Cost Description Intangible Costs	Code	PreSpud (PS)	Pre-Set Casing(PC)	Drilling (DR)	Completions (C)	Tank Bitty Constrctn(TB)	Pmpq Equip (PEQ)	Revision	Total
PS-Title/Permits	201							\$0.00	\$20,000.00
PS- Insurance PS-Damages/ROW	202		•					\$0.00 \$0.00	\$2,500.00 \$20,000.00
PS-Survey/Stake Lctn	204	\$7,000.00						\$0.00	\$7,000.00
D-Lctn/Pits/Roads D-Drilling Overhead	205			\$135,000.00 \$11,100.00				\$0.00 \$0.00	\$135,000.00 \$11,100.00
D-Daywork Contract	209			\$964,000.00				\$0.00	\$964,000.00
D-Directional Drig Services D-Fuel & Power	210			\$480,000.00 \$211,000.00				\$0.00 \$0.00	\$480,000.00 \$211,000.00
D-Water	212			\$80,000.00				\$0.00	\$80,000.00
D-Bits D-Mud & Chemicals	213 214			\$119,000.00 \$275,000.00				\$0.00 \$0.00	\$119,000.00 \$275,000.00
D-Cement Surface	217			\$38,000.00				\$0.00	\$38,000.00
D-Cement Intermed D-Prod-2nd Int Cmt	218 219			\$75,000.00 \$115,000.00				\$0.00	\$75,000.00 \$115,000.00
D-Float Equipment & Centralizers	221			\$65,000.00				\$0.00	\$65,000.00
D-Csg Crews & Equip D-Geologic/Engnrg	222			\$70,000.00 \$11,800.00				\$0.00 \$0.00	\$70,000.00 \$11,800.00
D-Contract Labor	225			\$6,500.00			<u> </u>	\$0.00	\$6,500.00
D-Company Sprvsn D-Contract Sprvsn	226			\$66,600.00 \$157,000.00				\$0.00 \$0.00	\$66,600.00 \$157,000.00
D-Tstg Csg/Tbg	228			\$30,000.00				\$0.00	\$30,000.00
D-Mud Logging Unit D-Perf/Wireline Svc	229			\$70,000.00 \$4,000.00				\$0.00 \$0.00	\$70,000.00 \$4,000.00
D-Rentals-Surface	235			\$190,000.00			· · ·	\$0.00	\$190,000.00
D-Rentals-Subsrfc D-Trucking/Forklift/Rig Mob	236 237			\$150,000.00 \$200,000.00				\$0.00 \$0.00	\$150,000.00 \$200,000.00
D-Welding Services	238			\$3,000.00				\$0.00	\$3,000.00
D-Contingency D-Envrnmtl/Clsd Loop	243 244			\$72,000.00 \$330,000.00				\$0.00	\$72,000.00
C-Lctn/Pits/Roads	305			4000,000.00	\$10,000.00			\$0.00 \$0.00	\$330,000.00 \$10,000.00
C-Completion OH C-Frac Equipment	306 307				\$15,000.00 \$1,418,000.00			\$0.00 \$0.00	\$15,000.00 \$1,418,000.00
C-Frac Chemicals	308				\$473,000.00			\$0.00	\$473,000.00
C-Frac Proppant C-Frac Proppant Transportation	309 310				\$814,000.00 \$399,000.00			\$0.00 \$0.00	\$814,000.00 \$399,000.00
C-Fuel Delivery & Services	311				\$68,000.00			\$0.00	\$68,000.00
C-Water C-Bits	312 313				\$966,000.00 \$4,500.00			\$0.00 \$0.00	\$966,000.00 \$4,500.00
C-Mud & Chemicals	314				\$25,000.00			\$0.00	\$25,000.00
C-Contract Labor C-Company Sprvsn	325 326				\$20,000.00 \$15,000.00		-	\$0.00 \$0.00	\$20,000.00 \$15,000.00
C-Contract Sprvsn	327				\$255,000.00			\$0.00	\$255,000.00
C-Tstg Csg/Tbg C-Perf/Wireline Svc	328 331	1-			\$5,000.00 \$538,000.00			\$0.00 \$0.00	\$5,000.00 \$538,000.00
C-Stimulation/Treating	332				\$397,000.00			\$0.00	\$397,000.00
C-Completion Unit C-Rentals-Surface	333 335				\$138,000.00 \$403,000.00			\$0.00 \$0.00	\$138,000.00 \$403,000.00
C-Rentals-Subsric	336				\$30,000.00			\$0.00	\$30,000.00
C-Trucking/Forklift/Rig Mob C-Welding Services	337 338				\$20,000.00 \$5,000.00			\$0.00   \$0.00	\$20,000.00 \$5,000.00
C-Water Disposal	339				\$60,000.00			\$0.00	\$60,000.00
C-Contingency C-Envmmtl/Clsd Loop	343 344				\$250,000.00 \$5,000.00			\$0.00 \$0.00	\$250,000.00 \$5,000.00
C-Dyed Diesel	345				\$484,000.00			\$0.00	\$484,000.00
C-Drillout C-Flowback Crews & Equip	346 347				\$750,000.00 \$48,000.00			\$0.00 \$0.00	\$750,000.00 \$48,000.00
TB-Location/Pits/Roads	353				945,000.00	\$45,000.00		\$0.00	\$45,000.00
TB-Contract Labor TB-Water Disposal	356 362				-	\$122,935.00 \$135,000.00		\$0.00 \$0.00	\$122,935.00 \$135,000.00
PEQ-Contract Labor	374					0.00100.00	\$6,500.00	\$0.00	\$6,500.00
PEQ-Contract Supervision PEQ-Completion Unit	376 381						\$5,000.00 \$8,800.00	\$0.00 \$0.00	\$5,000.00 \$8,800.00
PEQ-Rentals-Surface	383						\$7,000.00	\$0.00	\$7,000.00
PEQ-Trkg/Forklift/Rlg Mobilization PEQ-Water Disposal	385 387						\$3,000.00 \$250,000.00	\$0.00 \$0.00	\$3,000.00 \$250,000.00
Total Intangible Costs	#100 miles	\$49,500.00	\$0.00	\$3,929,000.00	\$7,615,500.00	\$302,935.00	\$280,300.00	\$0.00	\$12,177,235.00
Tangible Costs									
D-Surface Casing	401			\$48,000.00				\$0.00	\$48,000.00
D-Intermed Csg D-Production Casing/Liner	402 403			\$555,000.00 \$796,000.00			<u> </u>	\$0.00 \$0.00	\$555,000.00 \$796,000.00
D-Wellhead Equip	405			\$75,000.00	4			\$0.00	\$75,000.00
C-Tubing C-Wellhead Equip	504 505	-			\$52,030.00 \$22,000.00			\$0.00	\$52,030.00 \$22,000.00
PEQ-Pumping Unit	506				32-,300		\$96,000.00	\$0.00	\$96,000.00
PEQ-Rods TB-Tanks	508 510					\$63,645.00	\$55,000.00	\$0.00 \$0.00	\$55,000.00 \$83,645.00
TB-Flowlines/Pipelines	511					\$26,593.00		\$0.00	\$26,593.00
TB-Htr Trtr/Seprtr TB-Electrical System/Equipment	512 513					\$140,007.00 \$130,000.00		\$0.00 \$0.00	\$140,007.00 \$130,000.00
C-Pckrs/Anchors/Hgrs	514				\$66,000.00			\$0.00	\$66,000.00
TB-Couplings/Fittings/Valves TB-Gas Lift/Compression	515 516	-				\$102,282.00 \$60,000.00		\$0.00 \$0.00	\$102,282.00 \$60,000.00
TB-Pumps-Surface	521					\$5,000.00		\$0.00	\$5,000.00
TB-Instrumentation/SCADA/POC TB-Miscellaneous	522 523					\$10,482.00 \$5,241.00		\$0.00 \$0.00	\$10,482.00 \$5,241.00
TB-Meters/Lacts	525					\$25,156.00		\$0.00	\$25,156.00
TB-Flares/Combusters/Emission C-Gas Lift/Compression	526 527				\$15,000.00	\$23,584.00		\$0.00 \$0.00	\$23,584.00 \$15,000.00
PEQ-Instrumentation/SCADA/PO	529						\$7,000.00	\$0.00	\$7,000.00
PEQ-Tubing PEQ-Wellhead Equipment	530 531						\$5,000.00 \$3,000.00	\$0.00 \$0.00	\$5,000.00 \$3,000.00
PEQ-Pumps PEQ-Electrical System	532 533						\$5,000.00	\$0.00	\$5,000.00
PEQ-Packers/Anchors/Hangers	534						\$15,000.00 \$2,000.00	\$0.00 \$0.00	\$15,000.00 \$2,000.00
PEQ-Miscellaneous Total Taxolible Costs	535	60.00	40.00	\$4 474 880 00	2455 000 00	2504 000 00	\$3,000.00	\$0.00	\$3,000.00
Total Tangible Costs	THE PERSON NAMED IN	\$0.00	\$0.00	\$1,474,000.00	\$155,030.00	\$591,990.00	\$191,000.00	\$0.00	\$2,412,020.00
Total Gross Cost	0.13	\$49,500.00	\$0.00	\$5,403,000.00	\$7,770,530.00	\$894,925.00	\$471,300.00	\$0.00	\$14,589,255.00
Note: The above costs are estima	ies only.	Actual costs will be	oilled as incurred.						
COG Operating LLC									
Ву:					_	Date Prepared: 6	6/4/2019		
						COG Operating LLC			
We approve:									
% Working Interest					-	By:	AL .		

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

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

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

**CASE NO. 20832** 

### **AFFIDAVIT**

STATE OF NEW MEXICO	)	
	) s	S
COUNTY OF SANTA FE	)	

Michael Rodriguez, attorney and authorized representative of COG Operating LLC, the Applicant herein, being first duly sworn, upon oath, states that the above-referenced Application was provided under the notice letter and proof of receipt attached hereto.

Michael Rodriguez

SUBSCRIBED AND SWORN to before me this 13th day of November 2019 by Michael

Rodriguez.



BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Case No. 20832 Exhibit No. 4

Submitted by:
COG OPERATING LLC
Hearing Date: November 14, 2019



October 25, 2019

### VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

### TO ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Case No. 20832: Application of COG Operating, LLC for compulsory pooling, Lea County, New Mexico.

To Whom It May Concern:

This letter is to advise you that COG Operating LLC has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on November 14, 2019, and the status of the hearing can be monitored through the Division's website at http://www.emnrd.state.nm.us/ocd/. Division hearings will commence at 8:15 a.m. in Porter Hall at the Oil Conservation Division's Santa Fe offices located at 1200 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.

Pursuant to Division Rule 19.135.4.13.B, parties appearing in a case are required to file a Prehearing Statement at least four business days in advance of a scheduled hearing, but in no event later than 5:00 p.m. mountain time, on the Thursday preceding the scheduled hearing date. The statement must be filed at the Division's Santa Fe office at the above-specified address and should include: the names of the parties and their attorneys, a concise statement of the case, the names of all witnesses the party will call to testify at the hearing, the approximate time the party will need to present its case, and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this matter, please contact Adam Reker at (432) 685-2515 or AReker@concho.com.

Sincerely,

Ocean Mundo K Ocean Munds-Dry

U.S. Postal Service

CERTIFIED MAIL® RECEIPT

Domestic Mail Only

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

Certified Mail Fee

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

Return Receipt (electronic)

Return Receipt (electronic)

Certified Mail Restricted Delivery

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

Return Receipt (electronic)

Return

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6301 Deauville Blvd. Midland, TX 79706	Chevron USA Inc.	Return Receipt (sercirons) \$     Certified Mail Restricted Delheny \$     Adult Signature Restricted Delivery \$     Adult Signature Restricted Delivery \$	Certified Mail Fee \$ Extra Services & Fees (check box, and fee as appropriate)	Damestic Mail Only For delivery information, visit our website at www.usps.com	U.S. Postal Service" CERTIFIED MAII® RECEIPT	ASSERBING THE LIBERT HINDS TO ONE WHO I'M
	MAIN POST OF	Here C	1031	ebsite at www.usps.com*	ECEIDT	our Reverse for Instructions

Domestic Return Receipt	PS Form 3811, July 2015 PSN 7530-02-000-9053	
Collect on Delivery Restricted Delivery	HOZH ZHZH TOOO OBOE 9TOZ	
	9590 9402 4582 8278 5895 36	FICE
D. Is delivery address different from item 17	MRC Permian Company 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240	1021833
B. Received by (Printed Name)  C. Date of Delivery	<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mallpiece, or on the front if space permits.</li> </ul>	om °
ANJANTED NO N PLACE STORY OF THE RETU	SENDER: COWHIFF IF THIS SECTION OF THE RETURN ADDRESS, FOLD OF THE SECURING TO THE SECURING TO THE SECURING TO THE SECURING TO THE SECURING THE SECU	

9590 9402 4582 8278 5895 43  2. Article Number (Transfer from service lehan) 7018 3090 0001 4742 4242	Chevron USA Inc. 6301 Deauville Blvd. Midland, TX 79706	<ul> <li>Complete Items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	SENDER: COMPLETE THIS SECTION
3. Service Type    Adult Signature   Replacered Mail*	D. Is delivery address different from item 1?	A. Signature  X  D Agent D Addressee B. Received by Printed Name) C. Date of Delivery	PAGES STORM ADDRESS FOLDS OF THE ACTION ADDRESS FOLDS OF THE METHON ADDRESS FOLDS

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

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Return Receipt (serdoopy)

Return Receipt (electronic)

Cartified Mail Restricted Delivery \$

Adult Signature Restricted Delivery \$ Postage Advance Energy Partners, TLC 11490 Westheimer Road, Suite 950 Certifled Mail Fee Houston, TX 77077 PS Form 3800, April 2015 PSN 7530-02-000-9047 For delivery information, visit our website at www U.S. Postal Service Dallas, TX 75254 14041 Preston Road, Unit Profit Post Joe D. Abbott Certified Mail Fee Domestic Mall Only CERTIFIED MAIL® RECEIP PS Form 3800, April 2015 PSN 7530-02-000-9047 For delivery information, visit our website at www.usps.com Domestic Mail Only CERTIFIED MAIL® RECEIPT U.S. Postal Service П See Reverse for instructions Postmark Here

2 4235 Delivery Restricted Delivery La Sylucture Confirmation □ Insured Mail Restricted Delivery Restricted Delivery   Character State   Character State	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Service Type duit Signature duit Signature Restricted Delivery ertified Mali® ertified Mali Restricted Delivery ertified Mali Restricted Delivery	9590 9402 4582 8278 5895 50
	Advance Energy Partners, LLC 11490 Westheimer Road, Suite 950 Houston, TX 77077
D. Is delivery address different from item 1? \( \square\) Yes/ If YES, enter delivery address below: \( \square\) No	4 Autiala Asistenanasi tar
B. Received by (Printed Name) C. Datin	<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>
TOP	SENDES: COWHER I FILMIN SECTION SHOKEN TOP OF GWELOPETO HERIOME PRIMER ADDRESS FOLD AFOUND SHOWING THE LIBRARY SHOWING THE LIB

7018 3090 0001 4742 7018 30**9**0 0001 4211 4742 4259 Extra Services & Fees (check box, add fee as appropriate)
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| Adult Signature Required \$
| Adult Signature Restricted Delivery \$ Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (factoopy)

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Certified Mall Restricted Delivery

Adult Signature Restricted Delivery \$

Postage PS Form 3800, April 2015 PSN 7530-02-000-9047 7016 Vicksburg Ave. Michael D. Burns Lubbock, TX 79424 Stockton, CA 95204 250 E Ingram St Stephanie Holcomb Certified Mail Fee PS Form 3800, April 2015 PSN 7530-02-000-9047 Certified Mail Fee For delivery information, visit our website at www.usps.com\* OFFICE TO TALL FOLIS Domestic Mail Only CERTIFIED MAIL® RECEIPT U.S. Postal Service\*\* Domestic Mail Only CERTIFIED MAIL® RECEIPT U.S. Postal Service" VN POST OFFI See Reverse for Instructions MAIN POS See Heverse for instructions Postmark ()

Domestic Return Receipt		PS Form 3811, July 2015 PSN 7530-02-000-9053
☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery	□ Collect on Delivery Restricted Delivery  5	652h 2h2h T000 060E 9T02
Priority Mali Express®     Registered Malina     Registered Mali Restricted     Delivery     Rectum Receipt for Merchandise	3. Service Type  Adult Signature  Adult Signature Restricted Delivery  Certified Mail®  Certified Mail®  Collect on Delivery  Collect on Delivery	9590 9402 4582 8278 5895 29
		Stockton, CA 95204
m item 1? ☐ Yes below: ☐ No	D. is delivery address different from item 17 if YES, enter delivery address below:	Stephanie Holcomb 250 E Ingram St
C. Date of Delivery	B. Received by Printed Name)	<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>
DELIVERY	COMPLETE THIS SECTION ON DETINENA PLACE STICKER AT TOP CO	NOLLDES SHILL ELEMENT OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS, FOLD AT DOTTED UNK

### 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 November 01, 2019 and ending with the issue dated November 01, 2019.

Publisher

Sworn and subscribed to before me this 1st day of November 2019.

Business Manager

My commission expires.

January 29, 2023

(Seål)

OFFICIAL SEAL Gussie Black Notary Public State of New Mexico ry Commission Expires /-29-2

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 NOVEMBER 1, 2019**

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

The State of New Mexico through its Oil Conservation Division hereby gives notice pursuant to law and the Rules and Regulations of the Division of the following public hearing to be held at 8:15 A.M. on November 14, 2019, in the Oil Conservation Division Hearing Room at 1220 South St. Francis, Santa Fe. Oil Conservation Division Hearing Hoom 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 or 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 November 5, 2019. 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
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 Overriding Royalty interest Owners, Non-Participating Royalty Interest Owners, Pooled Parties, Working Interest Owners; Estate of Lawrence Edward Boulter, deceased, its successors or assigns; MRC Permian Company; Chevron USA inc.; Advance Partners, LLC; Joe D. Abbot, his successors or assigns; Michael D. Burns, his successors or assigns; Stephanie Holcomb, her successors or assigns;

Case No. 20832: Application of COG Operating LLC for compulsory pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order from the division pooling all uncommitted interest owners in the Wolfcamp formation underlying a standard 960-acre, more or less, horizontal spacing unit comprised of the W/2E/2 and W/2 of Sections 14 and 23, Township 25 South, Rangé 35 East, NMPM, Lea County, New Mexico. COG Operating LLC seeks to dedicate the above-referenced horizontal spacing unit to the following proposed wells:

The Tin Foil Fed Com #604H we il to be horizontally drilled from a surface hole location in the SW/4SE/4 (Unit O) of Section 23 to a bottom hole location in the NW/4NE/4 (Unit B) of Section 14,

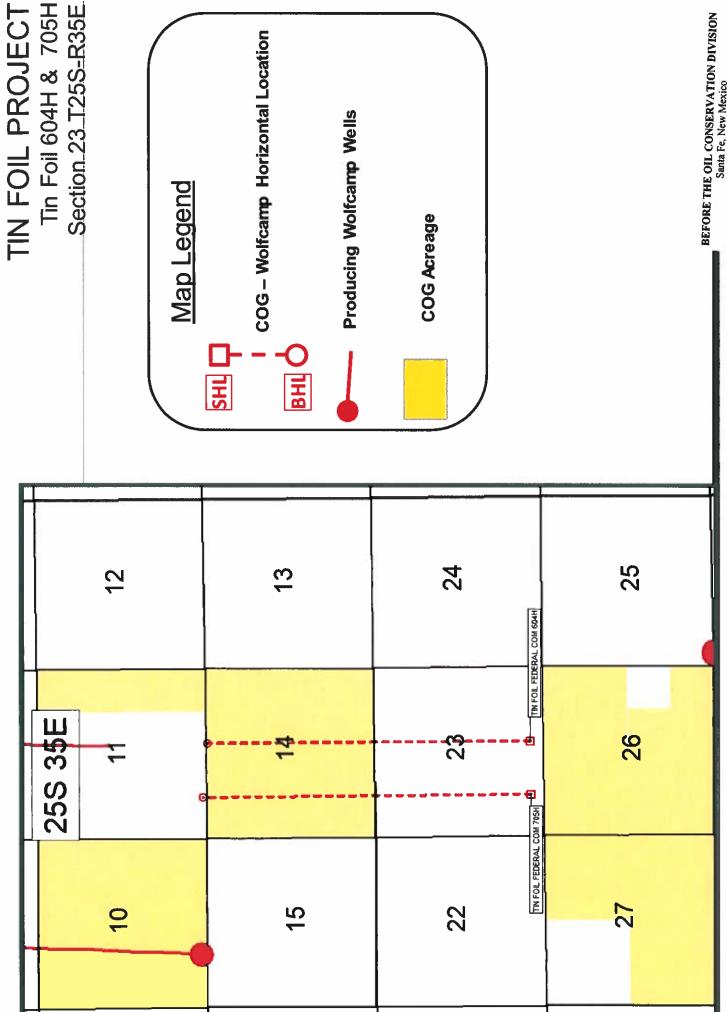
The Tin Foil Fed Com #705H well to be horizontally drilled from a surface hole location in the SW/4SW/4 (Unit M) of Section 23 to a bottom hole location in the NW/4NW/4 (Unit D) of Section 14.

Also, to be considered will be the timing of the drilling and completing of said wells, the allocation of the cost thereof, the actual operating costs and charges for supervision, the designation of COG Operating LLC as operator of the wells, and the imposition of 200% charge for risk involved in drilling and completing said wells. Said area is located approximately 10 miles west of Jal, New #34830

67115004

00235527

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



BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Case No. 20832 Exhibit No. 5
Submitted by:
COG OPERATING LLC
Hearing Date: November 14, 2019

CONCHO

Wolfcamp Subsea Structure Map Tin Foil 604H & 705H Section 23 T25S-R35E

.8500

25S

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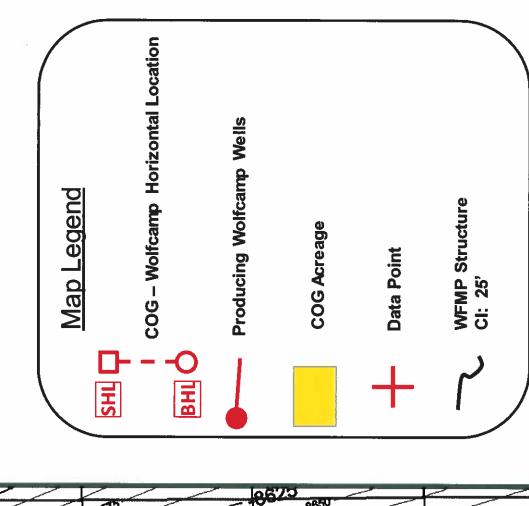
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-805€<u>-</u>



.872<del>6</del>

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.8750

56

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COMPOSE

IN FOIL FEDERAL COM 705H

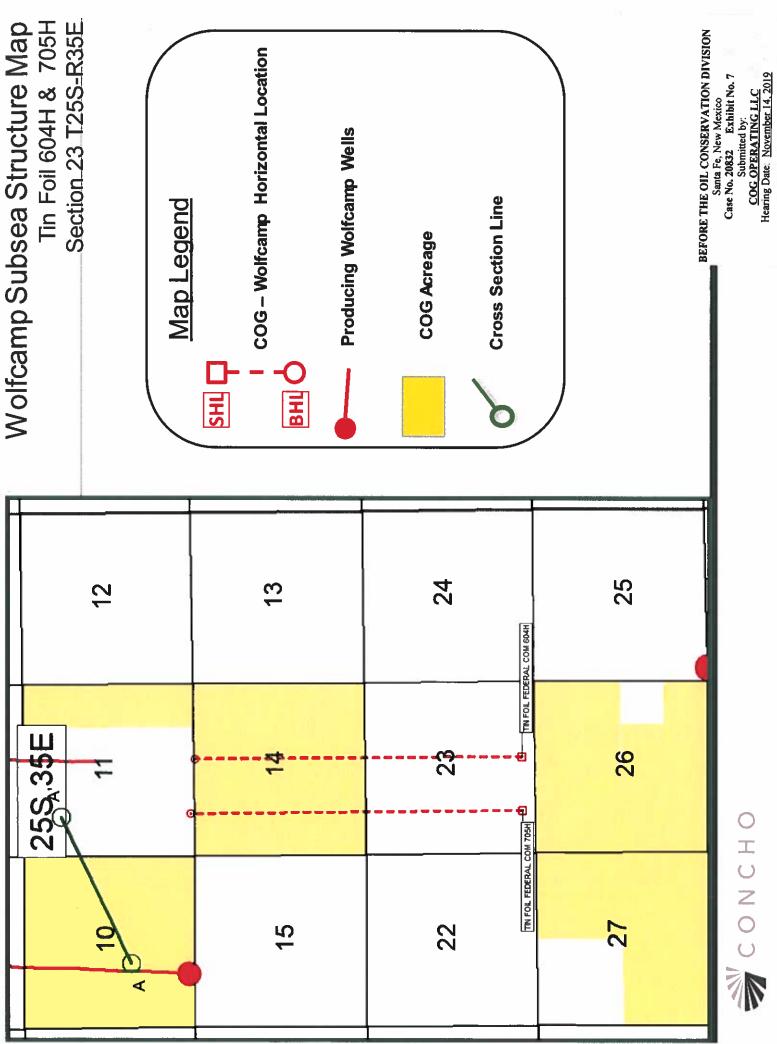
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22

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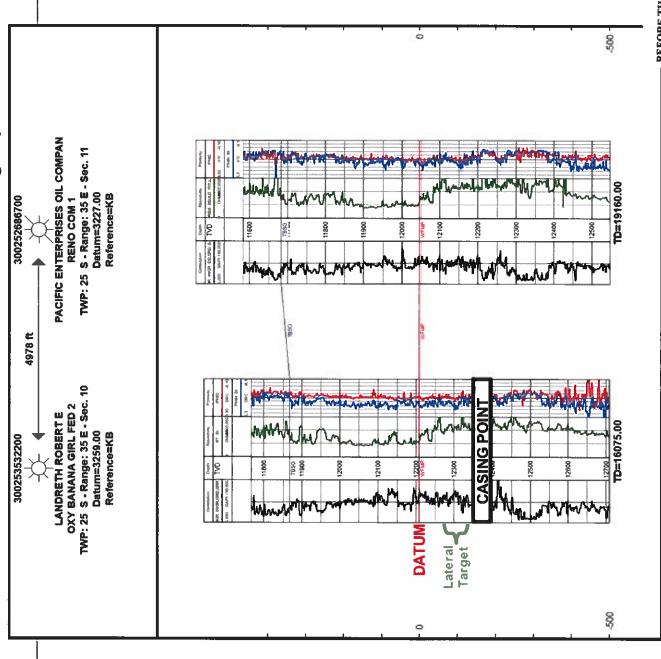
25.15 15.





CONCHO

# Stratigraphic Cross Section A - A'





BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Case No. 20832 Exhibit No. 8
Submitted by:
COG OPERATING LLC
Hearing Date: November 14, 2019