

COG OPERATING LLC Bonaid Fed Com 14H Section 17-T24S-35E & Section 20-T24S-R35E Lea County, New Mexico



BEFORE THE OIL CONSERVATION DIVISION EXAMINER HEARING JULY 26, 2018

Case No. 16326



DISTRICT I

1625 N. FRENCH DR., BURRS, NR 682400 EFROM (575) 575-1601 Fac. (676) 562-5778

DISTRICT II

DISTRICT ST. ARTESIA, NM 68210

Phone (476) 748-1826 Fac. (678) 748-5720

Energy, OIL Minerals

DISTRICT III 1000 NIO BRAZOS RD., AZTZC, NM 87410 Phone: (606) 334-6178 Fax: (856) 234-8170

DISTRICT IV 140 S. Et. 744/CUS DR. BANTA FL. Mr. 67500 Harris: (Bos) 476—3460 Fai: (Bos) 476—3461

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

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

AMENDED REPORT

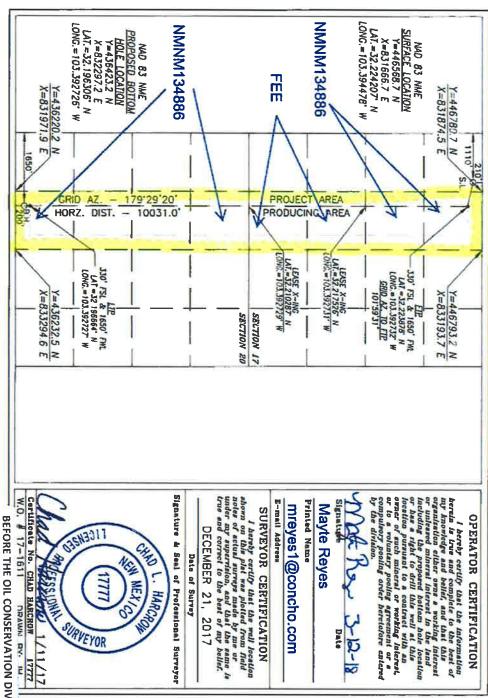
WELL LOCATION AND ACREAGE DEDICATION PLAT

	229137	Property Code	30-025-
Surfa	COG OPE	BONAID F	Pool Code
Surface Location	COG OPERATING, LLC	BONAID FEDERAL COM	Wildcat; Bone Spring
200	81evatlon 3376.7'	Tell Number	_

				der No.	Code Or	prolidation (r Infill Co.	s Joint o	Dedicated Acres Joint or Infill Consolidation Code Order No.
LEA	WEST	1650	SOUTH	200		35-E	20 24-S 35-E	20	z
County	East/West line	Feet from the	Lot Jdn Feet from the North/South line Feet from the East/Wes	Feet from the	Lot Idn	Range	Township	Section	UL or lot No. Section Township
		face	Bottom Hole Location If Different From Surface	cation If Diffe	Hole Lo	Bottom			
LEA	WEST	1110	NORTH	210		35-E	24-S 35-E	17	0
County	East/West line	Feet from the	Feet from the North/South line Feet from the East/West		Lot 1dn	Range	Township	Section	UL or lot No. Section Township

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

320



BEFORE THE OIL CONSERVATION DIVISION

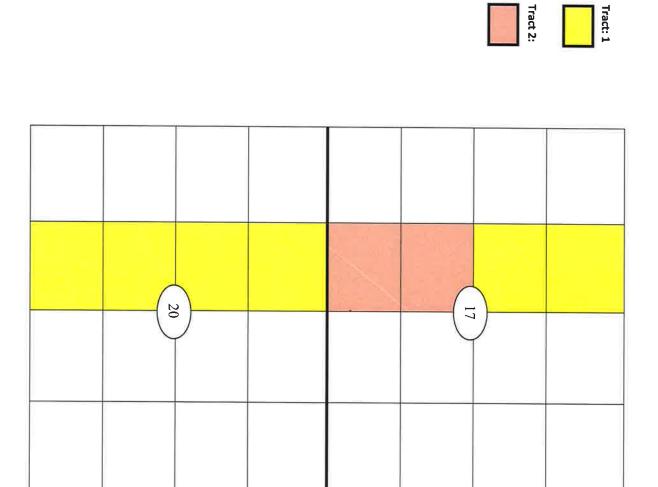
Santa Fe, New Mexico

Exhibit No. 1

Submitted by: COG OPERATING LLC Hearing Date: July 26, 2018

Case Nos. 16326

Bonaid Federal Com 14H (Case No. 16326) E2W2 of Section 17 & E2W2 of Section 20, T24S-R35E, NMPM, Lea County, New Mexico



Unit Working Interest

Uncommitted or Nonconsenting Working Interest or Mineral Owner

Tract 1 -W2NW of Section 17 & W2W2 of Section 20

COG Operating LLC 100.000000%

Tap Rock Resources, LLC
Ozark Royally Co. LLC
Crown Oil Partners VI, LLC
Crump Energy Partners III, LLC
Total Tract 2 – W2 SW of Section 17
COG Operating LLC
Chevron U.S.A. Inc.

12.500000% 8.750000% 4.375000% 3.289063% 3.289063% 100.00000% 67.796874%

Pooling Notification List

Working Interest Owners

Chevron USA, Inc. P.O. Box 2100 Houston, TX 77252

Tap Rock Resources, LLC 602 Park Point Drive Golden CO 80401

Manhattan, MT 59741 Katherine Ross Madera Sharbutt* P.O. Box 443

^{*}On 7/9/18 Ozark Royalty Co. LLC notifies COG that it has leased the Katherine Ross Madera Sharbutt minerals.

Non-Participating Royalty Owners

Dorothy Ann Jenkins, Trustee of Paul Doran Revocable Trust P.O. Box 151 Vandalia, IL 62471

Patricia F. Turner 5375 Esher Drive Walkertown, NC 27051

Walkertown, NC 2705
Barbara A. Barnes

Barbara A. Barnes 4109 Walker Avenue Greensboro, NC 27407 Thomas P. Doran

Thomas P. Doran 1209 Prince Street Georgetown, SC 29440

Walter Cornell Roye 6500 Cuesta Trail Austin, TX 78730

Michael Wayne Roye P.O. Box 3714 Midland, TX 79702

Margaret Dianne Schwarz 11285 Pleasant Valley School Rd Trenton, IL 62293



April 25, 2018

Golden, CO 80401 602 Park Point Drive Tap Rock Resources, LLC

Re: Well Proposal – Bonaid Federal Com #14H Sec. 17: E/2W/2 - T24S-R35E Sec. 20: E/2W/2 - T24S-R35E

SHL: 210' FNL/1110' FWL, or a legal location in Sec 17 (Unit C)

BHL: 200' FSL/ 1650' FWL, or a legal location in Sec 20 (Unit N)

Lea County, New Mexico

Dear Sir/Madam:

to be \$12,238,800, and a detailed description of the cost is set out in the enclosed Authority for as a horizontal well at the above-captioned location, or at a legal location as approved by the governing regulatory agency, to a TVD of approximately 9,430' and a MD of approximately 19,000' to test the Expenditure ("AFE"). COG Operating LLC ("COG"), as Operator, hereby proposes to drill the Bonaid Federal Com #14H well Upper Avalon shale of the Bone Spring Pool ("Operation"). The total cost of the Operation is estimated

COG is proposing to drill this well under the terms of the modified 1989 AAPL form of Operating Agreement which is enclosed for your review and approval. The Operating Agreement covers Sec 17: E/2W/2 and Sec 20: E/2W/2, T24S-R35E. It has the following general provisions: It has the following general provisions:

- 100/300 Non-Consenting Penalty
- \$7,000/\$700 Drilling and Producing Rate
- COG Operating LLC named as Operator

to acquire your interest via term assignment. It has the following general provisions: postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG proposes with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, Please indicate your participation election in the space provided below, sign and return this letter, along

- 3 year primary term
- Delivering a 75% NRI, proportionately reduced
- \$2,000 per net acre bonus consideration

of COG's management and verification of title. The Term Assignment offer terminates 30 days from the date of this letter and is subject to the approval

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

Respectfully,	If you have any questions, please contact the undersigned at (432) 685-4352 or M
	Msolomon@concho.com

Matt Solomon Staff Landman

Date:	Title:	Name:	Ву:	Company:	I/We h	I/We h
					I/We hereby elect not to participate in the Bonaid Federal Com #14H.	I/We hereby elect to participate in the Bonaid Federal Com #14H.
					leral Com #14H.	Com #14H.



April 24, 2018

Chevron U.S.A. Inc. Houston, TX 77252 P. O. Box 2100

Re: Well Proposal – Bonaid Federal Com #14H

Sec 17: E/2 W/2 - T24S-R35E

Sec 20: E/2 W/2 - T24S-R35E

SHL: 210' FNL/ 1110' FWL, or a legal location in Sec 17 (Unit C) BHL: 200' FSL/ 1650' FWL, or a legal location in Sec 20 (Unit N)

Lea County, New Mexico

Dear Sir/Madam

regulatory agency, to a TVD of approximately 9,430' and a MD of approximately 19,000' to test the as a horizontal well at the above-captioned location, or at a legal location as approved by the governing COG Operating LLC ("COG"), as Operator, hereby proposes to drill the Bonaid Federal Com #14H well Expenditure ("AFE"). to be \$12,238,800, and a detailed description of the cost is set out in the enclosed Authority for Upper Avalon shale of the Bone Spring Pool ("Operation"). The total cost of the Operation is estimated

COG is proposing to drill this well under the terms of the modified 1989 AAPL form of Operating Agreement which is enclosed for your review and approval. The Operating Agreement covers Sec 17: E/2 W/2 and Sec 20: E/2 W/2 - T24S-R35E. It has the following general provisions:

- 100/300 Non-Consenting Penalty
- \$7,000/\$700 Drilling and Producing Rate
- COG Operating LLC named as Operator

postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG would Please indicate your participation election in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, like to lease your minerals under the following general terms:

- Bonus of \$2,000 /Net Mineral Acre
- 3 Year Primary Term
- 25% Royalty Interest

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

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

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	(432) 685-4352 or
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	5-4:
	352
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Respectfully,

Cly

Matt Solomon Staff Landman

	We hereby elect to participate in the Bonaid Federal Com #14H.
	I/We hereby elect not to participate in the Bonaid Federal Com #14H.
Company:	
Ву:	
Name:	
Title:	
Date:	

COG OPERATING LLC AUTHORITY FOR EXPENDITURE Drill & Complete

C.Mud & Chemicals
C.Contract Labor
Company Spryss
Company Spryss
Contract Spryss
Tisty Csg/Tbq
Perf/Wireline Svc
Simulation/Treating
Synthesis Subsett
entals-Subsett
entals-Subsett
ucking/Forkit/Pfig Mob
Mdring Services
Mer Disposal
Her Disposal Julia & Chemicals

Sement Surface

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Sement Surface

Seg Crews & Equip

Contract Labor

Contract Sprvsn

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Contract Sprvsn

Tigl Csg/Tog

And Logging Unit

PerffWireline Svc

Rentals-Surface

Rentals-Surface

Trucking Forkitring Mob

Weding Services

Contingency

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Frac Chemicals

Frac Proppant Transportation

Frac Proppant Transportation Cost Description
Tangible Costs
D-Surface Casing
D-Intermed Csg
D-Production Casing/Liner
D-Weithead Equip Flowlines/Pipelines
Flowlines/Pipelines
Electrical System/Equipment
Ckst/Anohors/Hgrs
Couplings/Filtings/Valves
Couplings/Filtings/Filtings/Valves
Couplings/Filtings/Valves
Couplings/Filtings/Valves
Couplings/Filti Tangible Costs ares/Combusters/Emission
s Lift/Compression
s Lift/Compression Ilhead Equip Pumping Unit Rods Ilhead Equipment SHL BHL Formation Legal AFE Numbers ne BONAID FEDERAL COM 14H IL. Sec 17: 210 FNL & 1,110 FWL IL. Sec 20: 200 FSL yn AVALON SHALE UPPER al 17-245-35E DRAFT-002059, DRAFT-002060, DRAFT-002061, DRAFT-002062, DRAFT-002063, NDO17144 Code PreSpud (PS) Drilling (DR) Completions (C) Tank Bity Constrctn(TB) Pmpq Equip (PEQ) \$27,500.00 \$9,000.00 \$2,500.00 \$15,000.00 \$1,000.00 \$0.00 \$2,837,400.00 \$34,000.00 \$174,000.00 \$379,000.00 \$28,000.00 \$615,000.00 \$1,461,000,000
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State & County NEW MEXICO, LEA
Objective Drill & Complete
Depth
10 185 Revision \$0.00 \$14,000.00
\$174,000.00
\$279,000.00
\$28,000.00
\$47,300.00
\$48,700.00
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BEFORE THE OIL CONSERVATION DIVISION

Page 1 of 2

Santa Fe, New Mexico
Exhibit No. 5
Submitted by: COG OPERATING LLC
Hearing Date: July 26, 2018
Case Nos. 16326

Total Gross Cost	\$27,500.00 \$3,452,400.00 \$7,156,000.00	\$7,156,000.00	\$1,356,000.00	\$246,900.00	\$0.00	\$12,238,800.00
Note: The above costs are estimates only. Actual costs will be billed as incurred	y. Actual costs will be billed as incurred.	-				
COG Operating LLC						
By:			Da	Date Prepared: 4/17/2018	2018	
Mo approximation			cc	COG Operating LLC		
% Working Interest			By	TS-K	TS-KL-CH-AB	
Company:						
By:						
Printed Name:						
Title:			Thi	This AFE is only an estimate. By signing you agree to pay	. By signing you ago	ree to pay
Date			YOU	your share of the actual costs incurred.	s incurred.	

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

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

CASE NO. 16326

STATE OF NEW MEXICO

COUNTY OF SANTA FE

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

Julia Broggi

SUBSCRIBED AND SWORN to before me this 25th day of July, 2018 by Julia Broggi



Michael H. Feldewert
Recognized Specialist in the
Area of Natural Resources –
Oil and Gas Law – New Mexico Board
of Legal Specification

July 6, 2018

VIA CERTIFIED MAIL CERTIFIED RECEIPT REQUESTED

ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: proration unit and compulsory pooling, Lea County, New Mexico Application of COG Operating LLC Bonaid Federal Com No. 14H Well for a non-standard spacing

Ladies & Gentlemen:

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 Fe, New Mexico 87505. Oil Conservation Division's Santa Fe Offices, located at 1220 South Saint Francis Drive, Santa a Division Examiner at 8:15 a.m. on July 26, 2018. The hearing will be held in Porter Hall in the with the New Mexico Oil Conservation Division. This application will be set for hearing before This letter is to advise you that COG Operating LLC has filed the enclosed application You are not required to attend this hearing, but as an owner of an

names of the parties and their attorneys; a concise statement of the case; the names of all present its case; and identification of any procedural matters that are to be resolved prior to the witnesses the party will call to testify at the hearing; the approximate time the party will need to filed at the Division's Santa Fe office at the above specified address and should include: the hearing Statement four business days in advance of a scheduled hearing. This statement must be Parties appearing in cases are required by Division Rule 19.15.4.13.B to file a Pre-

4352 or MSolomon@concho.com If you have any questions about this matter please contact Matt Solomon at (432) 685-

Michael H. Feldewert

ATTORNEY FOR COG OPERATING LLC

COG - BonaidSheet1

	Α	В	С	Е	F	Н		
İ			Transactio					
1	TrackingNo		n Date	ToName	DeliveryAddress	City	State	Zip
	9414810898765014456437	63735 - Bonaid 14H - 1	07/06/2018	Chevron USA, Inc.	PO Box 2100	Houston	TX	77252-2100
				Margaret Dianne Schwarz	11285 Pleasant Valley School		IL	62293-1909
				Tap Rock Resources, LLC	602 Park Point Dr Ste 200	Golden	со	80401-9359
5	9414810898765014456451	63735 - Bonaid 14H - 3	07/06/2018	Katherine Ross Madera Sharbu	PO Box 443	Manhattan	МТ	59741-0443
	9414810898765014456468				PO Box 151	Vandalia	IL	62471-0151
	9414810898765014456475				5375 Esher Dr	Walkertown	NC	27051-9482
	9414810898765014456482				4109 Walker Ave	Greensboro	NC	27407-1315
9	9414810898765014456499	63735 - Bonaid 14H - 7	07/06/2018	Thomas P. Doran	1209 Prince St	Georgetown	SC	29440-3232
	9414810898765014456505				6500 Cuesta Trl	Austin	TX	78730-2843
11	9414810898765014456512	63735 - Bonaid 14H - 9	07/06/2018	Michael Wayne Roye	PO Box 3714	Midland	TX	79702-3714

COG - BonaidSheet1

	Q	T	AF
1	ERR_SigDate	USPS_Status	
2	07/11/2018	Your item has been delivered to an agent at 4:29 am on July 10, 2018 in HOUSTON, TX 77210.	
	07/12/2018	Your item was delivered at 3:45 pm on July 10, 2018 in TRENTON, IL 62293.	
	07/11/2018	Your item was delivered to an individual at the address at 1:56 pm on July 9, 2018 in GOLDEN, CO 80401.	
_	07/18/2018	Your item was delivered at 11:04 am on July 17, 2018 in MANHATTAN, MT 59741.	
6	07/11/2018	Your item was delivered at 10:01 am on July 9, 2018 in VANDALIA, IL 62471.	
7	07/12/2018	Your item was delivered to an individual at the address at 11:21 am on July 11, 2018 in WALKERTOWN, NC 27051.	
8		This is a reminder to arrange for redelivery of your item or your item will be returned to sender.	
9		This is a reminder to arrange for redelivery of your item or your item will be returned to sender.	
	07/10/2018	Your item was delivered to an individual at the address at 3:08 pm on July 9, 2018 in AUSTIN, TX 78730.	
11	07/17/2018	Your item was delivered at 3:38 pm on July 16, 2018 in MIDLAND, TX 79701.	

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 06, 2018 and ending with the issue dated July 06, 2018.

All Publisher

Sworn and subscribed to before me this 6th day of July 2018.

Gussia Block

Business Manager

(Seal)

OFFICIAL SEAL
GUSSIE BLACK
Notary Public
State of New Mexico
My Commission Expires 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

July 6, 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 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, 1-800-859-1779 by July 16, 2018. Public documents, including the agenda and minutes, can be provided in various 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: Chevron USA, Inc.; Tap Rock Resources, LLC; Katherine Ross Madera Sharbutt, her heirs and devisees; Dorothy Ann Jenkins, Trustee of Paul Doran Revocable Trust; Patricia F. Turner, her heirs and devisees; Barbarta A. Barnes, her heirs and devisees; Thomas P. Doran, his heirs and devisees; Walter Cornell Roye, his heirs and devisees; Michael Wayne Roye, his heirs and devisees; Margaret Dianne Schwarz, her heirs and devisees.

Case No. 16326: 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 320-acre, more or less, spacing and proration unit comprised of the E/2 W/2 of Section 17 and E/2 W/2 of Section 20. Township 24 South, Range 35 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 Bonaid Federal Com No. 14H Well, which will be horizontally drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 17 to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 20. 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 14 miles northwest of Jal, New Mexico.

67100754

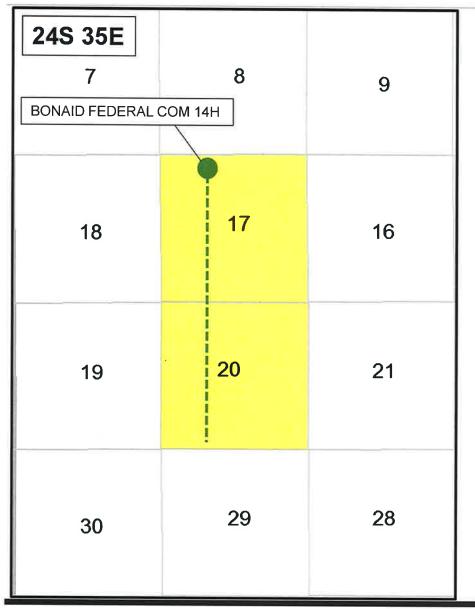
00214635

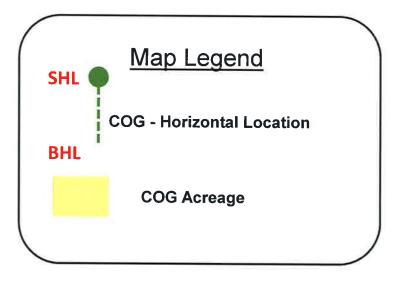
HOLLAND & HART LLC PO BOX 2208 SANTA FE., NM 87504-2208

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico

Exhibit No. 7
Submitted by: COG OPERATING LLC

Bone Spring Pool Bonaid Fed Com 14H Location





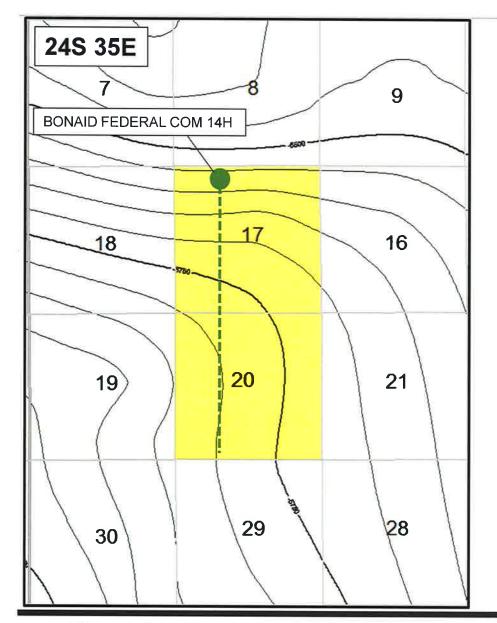
BEFORE THE OIL CONSERVATION DIVISION

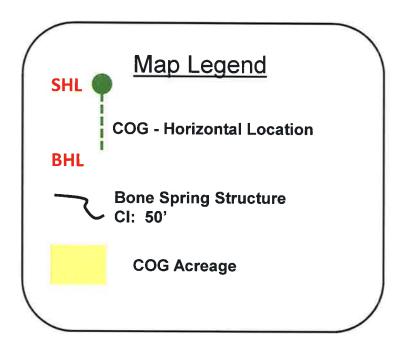
Santa Fe, New Mexico **Exhibit No. 8**

Submitted by: COG OPERATING LLC



Bone Spring Pool Bone Spring Structure Map





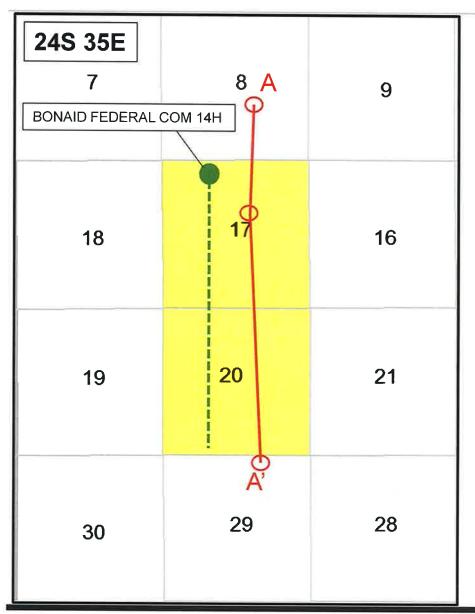


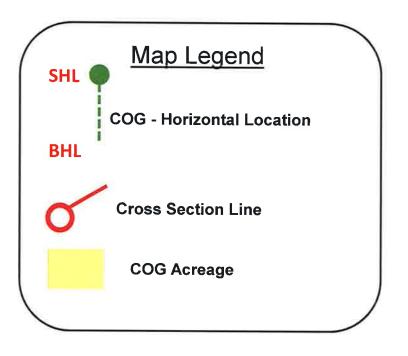
BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico **Exhibit No. 9**

Submitted by: COG OPERATING LLC

Bone Spring Pool Cross Section Map





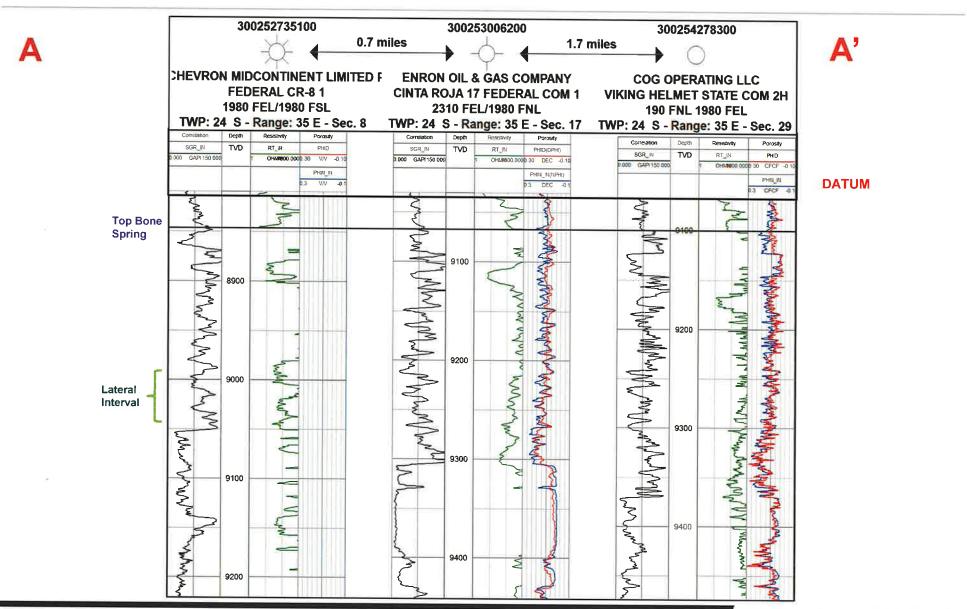


Santa Fe, New Mexico

Exhibit No. 10
Submitted by: COG OPERATING LLC



Stratigraphic Cross Section A – A'





BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico Exhibit No. 11

Submitted by: COG OPERATING LLC