March December 1, 1969bs, NM 88240 District 1, 1969bs 1, 1969b	Submit 1 Copy To Appropriate District Office	State of New M Energy, Minerals and Na		Form C-103 Revised July 18, 2013	
Section Sect	1625 N. French Dr., Hobbs, NM 88240			WELL API NO.	1
Disease Life - G893 334-6178 G806 Res Branes RA Actes, NM 87410 Santa Fe, NM 87505 STATE 12 See G806 Res Branes RA Actes, NM 87410 Santa Fe, NM 87505 G. State Oil & Gas Lees No.	District II - (575) 748-1283	OIL CONSERVATIO	N DIVISION		-
Santa Fe, NM 87505 6. State Oil & Gas Lesse No.	District III - (505) 334-6178	1220 South St. Fr	ancis Dr.		
1239 S. I. Fancis Dr., Salas F., NM 1739 1730		Santa Fe, NM	37505		1
DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEBPEN OR PLUIG BACK TO A DIFFERENT RESPONDED. SEEP PROPOSALS.)		•			
DIFFERENT RESERVOIR. USE "APPLICATION FOR FERMIT" (FORM C-101) FOR SUCH PROPOSALS. 1. Type of Well: ○ Gl Well ○ Gas Well □ Other 2. Name of Operator COG Operating LLC 2. Name of Operator 2. On Pool name or Wildcat WC-025 G-09 \$243532M; Wollbone 4. Well Location Unit Letter B : 190				7. Lease Name or Unit Agreement Name	1
Reversion Section Se					
2. Name of Operator COG Operating LLC 3. Address of Operator 2.208 W. Main Street, Artesia, NM 88210 4. Well Location Unit Letter B: 190	PROPOSALS.)				
COG Operating LLC 208 W. Main Street, Artesia, NM 88210 4. Well Location Unit Letter B : 190 feet from the North line and 1980 feet from the East line Section 29 Township 245 Range 35E NMPM, Eddy County 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3320.4 'GR 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: REMEDIAL WORK PLUG AND ABANDON CHANGE PLANS COMMENCE DRILLING OPNS PAND A CASING/CEMENT JOB DOWNHOLE COMMINGLE COMMENCE DRILLING OPNS PAND A CASING/CEMENT JOB DOWNHOLE COMMINGLE COMMENCE DRILLING OPNS PAND A CASING/CEMENT JOB DOWNHOLE COMMINGLE COMMENCE DRILLING OPNS PAND A CASING/CEMENT JOB DOWNHOLE COMMINGLE COMMENCE DRILLING OPNS PAND A CASING/CEMENT JOB DOWNHOLE COMMINGLE COMMENCE DRILLING OPNS PAND A CASING/CEMENT JOB DOWNHOLE COMMINGLE COMMENCE DRILLING OPNS PAND A CASING/CEMENT JOB DOWNHOLE COMMINGLE COMMENCE DRILLING OPNS PAND A CASING/CEMENT JOB DOWNHOLE COMMINGLE COMMENCE DRILLING OPNS PAND A CASING/CEMENT JOB DOWNHOLE COMMINGLE COMMENCE DRILLING OPNS PAND A CASING/CEMENT JOB DOWNHOLE COMMINGLE COMMENCE DRILLING OPNS PAND A CASING/CEMENT JOB DOWNHOLE COMMENCE DRILLING OPNS PAND A CASING/CEMENT JOB PAND A		Gas Well Uther			-
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Section 29 Township 248 Range 35E NMPM, Eddy County	4. Well Location				1
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DOWNHOLE COMMINGLE CLOSED-LOOP SYSTEM OTHER: Surface Commingle Production 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. 'OG Operating LLC, respectfully requests to surface commingle oil and gas production for the following wells: 'iking Helmet State Com 1H - 30-025-42782 'iking Helmet State Com 2H - 30-025-42787 'iking Helmet State Com 2H - 30-025-43779 Ians are to store, measure and sell oil production from the 1H and 2H wells at the existing Viking Helmet State Com 2H battery. Oil from the 24H well will be stored reasured and sold at the new Viking Helmet CTB. Gas from the 1H, 2H and 24H wells will be measured and sold at the new Viking Helmet CTB. Gas from the 1H, 2H and 24H wells will be measured and sold at existing Tanga gas sales meter located at the Viking lelmet State Com 2H battery. OG Operating LLC certifies that the leasehold ownership and percentages of those ownerships is identical in all three wells. The ownership in the spacing units attributed to these wells is also identical. 'Itease see attached: Is drilled C-102s for Viking Helmet State Com 1H, 2H and 24H wells App showing lease and communitization agreement boundaries managery map showing location of wells and facilities ite facility diagram of the existing Viking Helmet State Com 2H battery Topy of letter from Certified Landman regarding like ownership in the three wells Proposed Communitization above is true and complete to the best of my knowledge and belief. SIGNATURE	TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRI	LLING OPNS. P AND A	
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hereby certify that the information above is true and complete to the best of my knowledge and belief. GIGNATURE Select Select TITLE: Regulatory Analyst DATE: 7/27/19 Type or print name: Debora L. Wilbourn E-mail address: dwilbourn@concho.com PHONE: (575) 748-6958 For State Use Only APPROVED BY: TITLE DATE	lite facility diagram of the existing Viking I	Heimet State Com 2H battery			
GIGNATURE Selocia d'Alelbaure TITLE: Regulatory Analyst DATE: 7/27/17 Type or print name: Debora L. Wilbourn E-mail address: dwilbourn@concho.com PHONE: (575) 748-6958 For State Use Only APPROVED BY: DATE	.opy or retter from Certified Landman regar	ung nike ownersmy in the three wens			
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Type or print name: Debora L. Wilbourn E-mail address: dwilbourn@concho.com PHONE: (575) 748-6958 For State Use Only APPROVED BY: DATE	hereby certify that the information	above is true and complete to the	best of my knowledg	e and belief.	
For State Use Only APPROVED BY: DATE	GIGNATURE Deligia d.	"Helboure TITLE: _	Regulatory Analyst	DATE: _7/27/19	
APPROVED BY: DATE	Type or print name: <u>Debora L</u>	. Wilbourn E-mail addre	ss: <u>dwilbourn@con</u>	ncho.com PHONE: (575) 748-6958	
	For State Use Only				
	APPROVED BY: Conditions of Approval (if any):	TITLE		DATE	-

Muchael Mallon Engineering Burlow

State of New Mexico DISTRICT I

1025 N. FIRENCH DB., HOBBS, NM BB240 Energy, Minerals & Natural Resources Department

Frame (1875) 887-01011 Pas: (675) 253-0720 OIL CONSERVATION DIVISION Revised August 1, 2011 DISTRICT II 811 S. FIRST ST., ARTESIA, NM 88210 Phone: (875) 748-1283 Par: (875) 748-8720 Submit one copy to appropriate 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505 District Office DISTRICT III 1000 RIO BRAZOS RD., AZTEC, NH 87410 Phone: (606) 334-6176 Fax: (805) 334-8170 DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FR., NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462 □ AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Name API Number Pool Code 98098 30-025-42782 WC-025 G-09 S243532M; Wolfbone Property Name Well Number Property Code VIKING HELMET STATE COM 1H 315251 Elevation Operator Name OGRID No. COG OPERATING, LLC 3309.1 229137 Surface Location Lot Idn Feet from the North/South line Feet from the East/West line UL or lot No. Section Township Range **EAST** 190 NORTH 380 Α 29 24-S 35-E Bottom Hole Location If Different From Surface UL or lot No. Section Township Range Feet from the North/South line Feet from the East/West line 35-E 2290 NORTH 419 **EAST** 32 24-S Joint or Infill Consolidation Code Order No. Dedicated Acres 240 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

SEE PAGE 2

PAGE 1 OF 2 W.O. # 17-717 DRAWN BY: CD

Form C-102

County

LEA

County

LEA

Property Code 315251	. VIK	Property CING HELMET	Name T STATE COM		Well Number
OGRID No. 229137		COG OPERA	Name		Elevation 3309.1
		Y=436243.0 N X=834614.5 E	PROJECT AREA PRODUCING AREA	Y=436254.8 N X=835936.3 E NAD 83 NME <u>SURFACE LOCATIO</u> Y=436061.3 N X=835558.7 E LAT.=32.195233' LONG.=104.382196	N
		· 	DRILL PATH	DIRECTIONAL SURVEY COG OPERATING, LLL STATE COU JIH SUI SURVEYING, LLC ON	0 120
SECTION 2				I hereby cer herein is true and my knowledge and organisation either or unleased mines including the proj or has a right to location nutwork	C CERTIFICATION tify that the information of complete to the best of the best of the left, and that this rewards a working interest at interest in the land worde bottom hole location drill this well at this to a contract with an
			- No. 200	ar to a voluntary compulsory pooling by the division. Signature Debora L. Will	peoling systems faterest, peoling systems or a garder heretofore entered Date 7/27/
		<u>Y=428321.3 N</u> X=834683.8 E∖	B.H. 1419	Printed Name dwilbourn@c E-meil Address SURVEYOR	
	NAD 83 NME PROPOSED BOTTOM HOLE LOCATION Y=428678.0 N X=835582.4 E LAT.=32.174939 N ONG.=104.382329 W	Y=428332.6 N X=836004.4 E		Date of Survey/I Signature & Seel	L 4, 2017 Date of Geographic Survey of Professional Surveyor L. HARCRO
		 			17777 ESS 10MA 6/14/17

*

DISTRICT I

DISTRICT II 811 S. FIRST ST., ARTESIA, NM 88210 Phone: (878) 748-1263 Fax: (576) 748-8720

State of New Mexico M. THENCH DR. HOBBS. NM 86240 Energy, Minerals & Natural Resources Department 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

DISTRICT III 1000 RIO BRAZOS RD., AZTEC, NM 67410 Phone: (508) 234-8178 FAX: (508) 234-8170 DISTRICT IV
1820 8 ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3462 Fax: (505) 476-3462

AMENDED REPORT

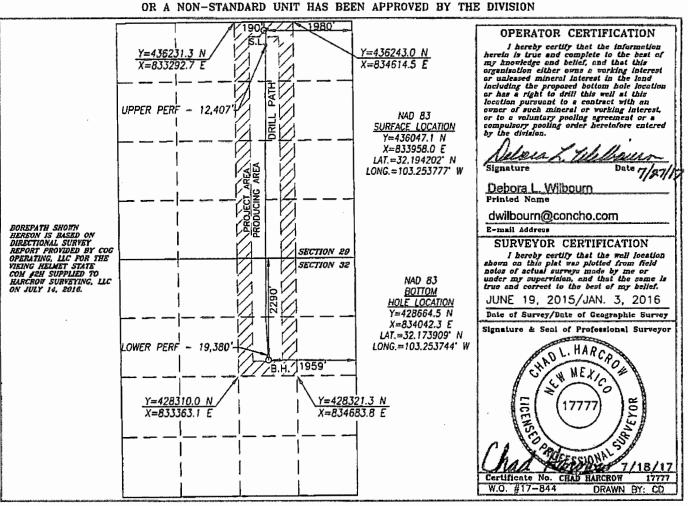
PRODE: (800) 410-5400 FED (800) 410-540	WELL LOCATION AND	ACREAGE DEDICATION PLAT	
API Number	Pool Code	Pool Name	The second secon
30-025-42783	98098	WC-025 G-09 S243532M;	Wolfbone
Property Code	Prop	erty Name	Well Number
315251	VIKING HELM	2H	
OGRID No.		ator Name	Elevation
229137	COG OPE	RATING, LLC	3320.4'

North/South line East/West line UL or lot No. Section Township Range Lot Idn Feet from the Feet from the County В 29 35-E 190 NORTH 1980 EAST 24-S LĒA Bottom Hole Location If Different From Surface

Surface Location

UL or lot No.	Section 32	Township 24-S	Renge 35-E	Lot Idn	Feet from the 2290	North/South line	Feet from the	East/West line EAST	County
Dedicated Acre	s Joint o	r Infili Co	nsolidation (Code Ore	ler No.				
240									

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



State of New Mexico DISTRICT I
1025 N, FEENCH DE., HOBES, NM 88240
Phoner [875] 503-0151 Page [975] 303-0722

DISTRICT II
1025 N, FEENCH DE., HOBES, NM 88240
Phoner [875] 503-0151 Page [975] 303-0722

OIL CONSERVATION DIVISION
11 S. FIRST ST., ARTESIA, NM 88210
Phoner (676) 748-1283 Fage (676) 748-9720

1220 SOUTH ST. FRANCIS DR.

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 III 1000 RIO BRAZOS RD., AZTEC, NM 87410 Phone: (805) 334-8178 Fax: (805) 334-8170

☐ AMENDED REPORT

DISTRICT IV 1220 S. ST. FRANCIS DR. SANTA FZ. NH 87505 Phope: (505) 476-3460 Pax: (505) 476-3462

12020, (000), 110 0000 122, (000), 110 0102	WELL LOCATION AND ACREAGE DEDICATION PLAT	
API Number	Pool Code Pool Name	
30-025-43779	98098 WC-025 G-09 S243532M;	Wolfbone
Property Code	Property Name	Well Number
315251	VIKING HELMET STATE COM	24H
OGRID No.	Operator Name	Elevation
229137	COG OPERATING, LLC	3318.7

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
, O	20	24-\$	35-E		210	SOUTH	2230	EAST	LEA

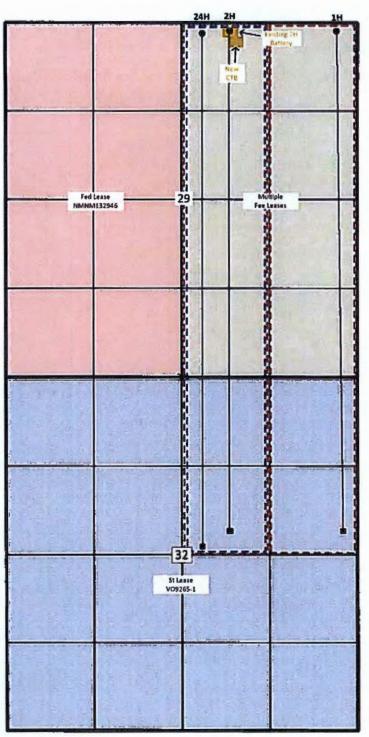
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn .	Feet from the	North/South line	Feet from the	East/West line	County
G	32	24-5	35-E		2425	NORTH	2328	EAST	LEA
Dedicated Acres	Joint o	r Infill C	onsolidation	Code Or	der No.				
240									

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

SEE PAGE	2	

Property Code 315251	VIKING HELMET STATE COM	Well Number 24H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3318.7'
SEC	2230' LONG = 103.388176' W ST	REPATH SHOWN HERSON IS BASED ON RECTIONAL SURVEY REPORT PROVIDED BY G OPERATING, LLC POR THE VIXING HELMET ATE COM SIGH SUPPLIED TO HARCROV RIVEYING, LLC ON JULY 11, 2017. DO 0 1800 SCALE: 1"=1800' OPERATOR CERTIFICATION I hereby certify that the information ereth is true and complete to the best of ay knowledge and belief, and that this remainstion either owns a working interest rules and mineral interest in the land nelviding the proposed bottom hole location pursuant to a contract with an warer of with mineral or working interest, r to a valuatery pooling order heretofore entered by the division. Debora L. Wilbourn Printed Name divilibourn@concho.com E-mail Address SURVEYOR CERTIFICATION I hareby certify that the well location hown an this plat was plotted from field onless of actual survey made by me or near my supervision, and that the same is made and correct to the best of my belief. APRIL 5, 2017/MAY 29, 2017 Detended Survey/Date of Geographic Survey ignature & Seal of Professional Surveyor I HARCROW I HARCROW I HARCROW I TTTT SET OF THE STORY SURVEYOR THAT I TTTT THE STORY SURVEYOR THAT I THE SURVEYOR THAT I TTTT THE STORY SURVEYOR THAT I THAT I THAT I TTTT THE STORY SURVEYOR THAT I THAT I THAT I T



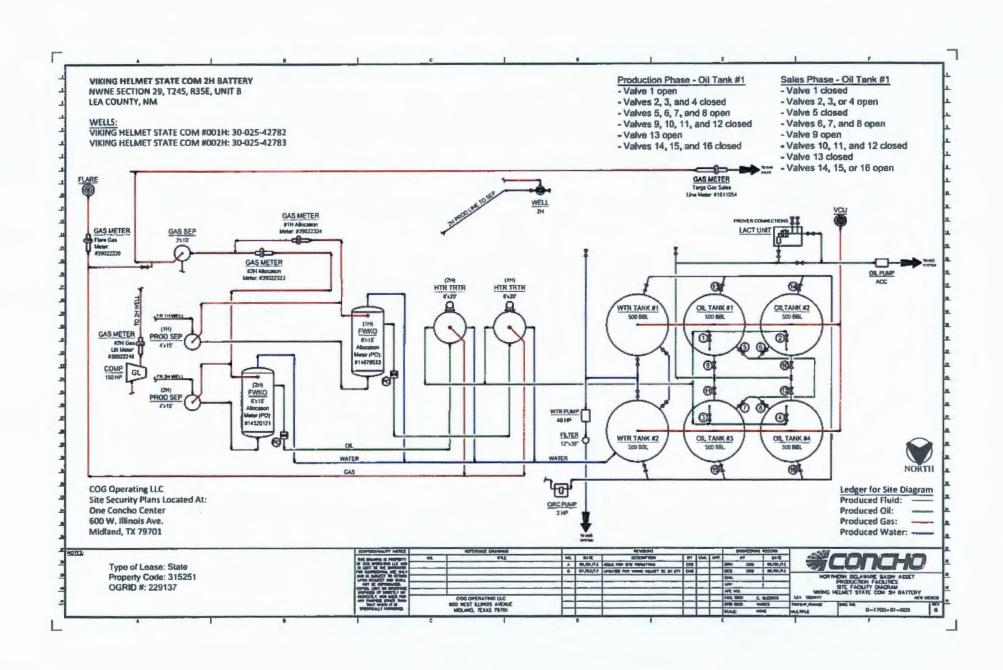
■ Existing SML
■ Existing BHL
● Proposed SML
■ Proposed BML
■ Proposed BML
■ Molfcamp SM CA
■ Wolfbone CA

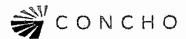
Viking Helmet State Com Wells Secs. 29, 32-T24S-R35E Lea County, NM

Viking Helmet State Com 1H, 2H & 24H



Sec. 29-T24S-R35E, Lea County, NM





July 20, 2017

New Mexico Oil Conservation Division 1220 S. Saint Francis Dr. Santa Fe, NM 87505

RE: Viking Helmet State Com 1H

SHL: 190 FNL 380 FEL, Sec. 29-T24S-R35E BHL: 2310 FSL 380 FEL, Sec. 32-T24S-R35E Spacing Ut/CA: E/2E/2 Sec. 29, E/2NE/4 Sec. 32

Lea County, NM

Viking Helmet State Com 2H

SHL: 190 FNL 1980 FEL, Sec. 29-T245-R35E BHL: 2290 FNL 1959 FEL, Sec. 32-T245-R35E Spacing Ut/CA: W/2E/2 Sec. 29, W/2NE/4

Sec. 32

Lea County, NM

Viking Helmet State Com 24H

SHL: 210 FNL 2370 FEL, Sec. 29-T24S-R35E BHL: 2240 FNL 2310 FEL, Sec. 32-T245-R35E Spacing Ut/CA: W/2E/2 Sec. 29, W/2NE/4, Sec. 32

Lea County, NM

To Whom it May Concern:

COG Operating LLC (COG) has drilled our Viking Helmet State Com 1H, 2H, and 24H wells. COG's plan is to commingle production as follows:

Oil – Viking Helmet State Com 1H and 2H; measured, stored and sold at 2H battery
Gas – Viking Helmet State Com 1H, 2H & 24H; sold through Targa gas sales meter at 2H battery

Please be advised that the leasehold ownership and percentage in all three wells is identical. The ownership in the spacing units attributed to these wells is also identical.

If you have any questions in regard to the information above, please feel free to contact the undersigned at 432-221-0465.

Respectfully,

COG Operating LLC

Mike Wallace Senior Landman