District I 1625 N French I District II 811 S First St. / District III 1000 Rio Brazos District IV 1220 S. St. Franc	Artesia, NM 882 - Rd., Aztee, NM sis Dr., Santa Fe,	05	nergy, N Oil 122	State of New Ainerals & N Conservatio 20 South St. Santa Fe, NN OWABLE	Vatural Reso on Division Francis Dr. M 87505		Form C-104 Revised August 1, 2011 NN Submit one copy to appropriate District Office AMENDED REPORT DRIZATION TO TRANSPORT				OIL CONSERVATION ARTESIA DISTRICT SEP 01 2017	
3	ame and Addr ergy Co of Colo							² OGRID Nun 1626	ber 83			RECEIVED
202 S. Chey Tulsa OK 74	/nne Ave., Suite 1103	: 1000						³ Reason for F	iling 5-12-		ive Date	t an trans along trans the fit from fire.
⁴ API Number 30 - 015-33			Name ite City; Po	enn (Gas)						Pool Code 87280		
⁷ Property C 33619	`ode	* Prop	erty Nan Estill AD	ic Federal					\$1	Well Numbe #2	r .	
II. 10 Su	rface Locati	ion										
Ul or lot no.	Section Toy	vaship 4S	Range 26E	Lot Idn	Feet from the 2270'	North/South North	Line	Feet from the 380'		t/West line East	County Eddy	
H	ttom Hole I			[2210				1	casi	caby	
UL or lot no.			Range	Lot Idn	Fect from the	North/South	line	Feet from the	East	t/West line	County	
н		245	26E		1588	North		957'				
¹² Lse Code F	¹² Producing N Code			unnection ate 117	¹⁵ C-129 Perr	nit Number	14 (2-129 Effective I	19 Effective Date 17 C-129 Expiration Date			
III. Oil :	and Gas Tra	anspor						******				
18 Transpor					¹⁹ Transpor						²⁹ O/G/W	
OGRID 151618				Enternés	and Ad e Field Services						~	
131010				PO Box 4		, 220					G	
				Houston	тх							
21778				Sunoco I	NC (R&M)						0	
	26.3. 2											
IV. Wel	ll Completio	n Data	i									
21 Spad D	310 22	Doady	Data	T	23 TD	24 parn		25 Porfara	inne		26 DUC MC	

1

²¹ Spud Date 5/16/2004	²² Ready Date 5/12/2017	²³ TD 12121'	²⁴ PBTD 10365'	²⁵ Perforations 9947'- <u>102405</u> ' /08	²⁶ DIIC, MC DHC-4801 - A		
27 Hole Siz	e ²⁸ Casi	ng & Tubing Size	29 Depth Set		³⁰ Sacks Cement		
17.5		13.375*	355'		350 Sacks		
12.25		9,625"			580 Sacks		
8.75		7*	8017		975 Sacks		
6		4.5" -Liner	12300'		475 Sacks		
		2.375" Tubing	8368'				

V. Well Test Data

³¹ Date New Oil 5/19/2017	³² Gas Delivery Date 5/12/2017	³³ Test Date 5/25/2017	³⁴ Test Length 24 haurs	³⁵ Tbg. Pressure 1400	³⁶ Csg. Pressure 650				
³⁷ Choke Size 28	³⁸ Oil 22	³⁹ Water 213	⁴⁰ Gas ⁴¹ Test Method 349						
been complied with a	It the rules of the Oil Conse and that the information giv of my knowledge and belie	en above is true and	OIL CONSERVATION DIVISION						
Printed name: Amithy Crawford	- D-		Title: Staff	Mar					
Title: Regulatory Analyst		<u> </u>	Approval Date:	9-6-3	017				
E-mail Address: acrawford@cimarex	.com								
Date: 8/31/2017	Phone: 432-620-19	99							

Pending BLM approvals will subsequently be reviewed and scanned

District I 1625 N. French I District II 811 S. First St., A District III 1000 Rio Brazos District IV 1220 S. St. Franc	Artesia, NM Rd., Aztec	88210 . NM 87410 a Fe, NM 875	05	nergy, N Oi 12	l Conservatio 20 South St. Santa Fe, NM	Vatural Resources on Division Francis Dr.	Submit			AMENDED REPORT	I OIL CONSERVATION ARTESIA DISTRICT SEP 012017
¹ Operator n Cimarex End	ame and	Address	<u>.91 FU</u>								
202 S. Chey Tulsa OK 74		Suite 1000		RECEIVED							
⁴ API Numbe 30 - 015-333			Name ple Sage								
⁷ Property C 33619	odc	* Proj	erty Nan Estill AC	er							
II. 10 Sui	rface Lo	cation									
UI or lot no. H	Section 19	Township 24S	Range 26E	Lot ldn	Feet from the 2270'	North/South Lin North	e Feet from the 380'		t/West line East	County Eddy	
¹¹ Bo	ttom Ho	le Locatio	n	.		Angenetisten and a second s				A	
UL or lot no.	Section		Range	Lot Idn	Feet from the	North/South lin	e Feet from the	East	t/West line	County	
н	19	24S	26E		1588'	North	957'		East	Eddy	
¹² Lse Code F		ing Method ^{lode} P		onnection ste)17	¹⁵ C-129 Peri	nit Number ¹⁰	C-129 Effective	Date	¹⁷ C-1	29 Expiration Date	
III. Oila	ind Gas	Transpor			L	f					
18 Transpor OGRID	ter				¹⁹ Transpor and Ad			••••••		²⁸ O/G/W	
151618				Enterpris	e Field Services	, LLC				G	
				PO Box - Houston						424	
21778				Sunoco	INC (R&M)					0	

,

IV. Well Completion Data

21 Spud Date	22 Ready Date	²³ TD	²⁴ PBTD	²⁵ Perforations	²⁰ DHC, MC		
5/16/2004	5/12/2017	12121'	10365'	8418'-9915'	DHC-4801		
27 Hole Siz	e ²⁸ Casir	g & Tubing Size	29 Depth Set	i	³⁰ Sacks Cement		
17.5		13.375"	355'		350 Sacks		
12.25		9,625*			580 Sacks		
8.75		7*	8017		975 Sacks		
		4.5" -Liner	12300		475 Sacks		
		2.375" Tubing	8368				

V. Well Test Data

³¹ Date New Oil 5/19/2017	³² Gas Delivery Date 5/12/2017	³³ Test Date 5/25/2017	³⁴ Test Length 24 hours	³⁵ Tbg. Pressure 1400	³⁶ Csg. Pressure 650			
³⁷ Choke Size 28	³⁸ Oil 105	³⁹ Water 1038	⁴⁰ Gas 1706		41 Test Method			
been complicat with a complete to the best Signature:	at the rules of the Oil Conse and that the information giv of my knowledge and belief	en above is true and	Approved by:		ion C			
Printed name: Amithy Crawford	<i>ŋ</i>	<u> </u>	Title: Staff mar					
Title: Regulatory Analyst			Approval Date: 9-6-2017					
E-mail Address: acrawford@cimarex	.com							
Date: 8/31/2017	Phone: 432-620-190	9						

Pending BLM approvals will subsequently be reviewed and scanned

Form 3160-4 (August 2007)			DEPAR BUREAU	TME	IO TV		NTE		Ľ	WC 4	801	1-A		OM Expi	B No. 1 res: July	PROVED 004-0137 y 31, 2010
	WELL C	OMPL	ETION O	RR	ECO	MPLE	ΓΙΟ	N REPC	RT	AND LOO	G			ease Serial I IMLC0653		
la. Type of	Well	Oil Well	🔀 Gas V	Well		Dry [] Ot	her					6. If	Indian, All	ottee or	r Tribe Name
b. Type of	f Completion	Other		D We	ork Ov	er 🗖	Dee	epen 🛛	Plug	Back	Diff. I	Resvr.	7. U	nit or CA A	greem	ent Name and No.
2. Name of CIMAR	Operator EX ENERG	Y CO OF	COLORAD	0		Contact	: AM	ITHY EC	RAV	/FORD				ease Name : STILL AD		
	202 S. CH TULSA, O	EYENNE						3a. Pho Ph: 43). (include are)-1909	ea code)	h	PI Well No		30-015-33336
4. Location	of Well (Rej	port locatio	on clearly an	d in ac	corda	ice with l	Fede	ral requirer	nents)*	_					Exploratory ; WOLFCAMP
At surfa	ce 2270F	NL 380FE	EL													Block and Survey
At top p	rod interval r	eported be	low 2270	OFNL 3	380FE	iL.								County or P		24S R26E Mer 13. State
At total		0FNL 380			D	<u></u>			D	C			E	DDY		NM D. DT. CL)*
14. Date Sp 05/16/2	.004		<u> </u>	/28/20	04				D &	2/2017	ady to I			343	30 GL	B, RT, GL)*
18. Total D	epth:	MD TVD	12121 11936		19.	Plug Bac	k T.J	D.: M T	ID VD	10365	5	20. Dej	pth Bri	dge Plug Se		MD 10400 TVD
	lectric & Oth JCTION LO		ical Logs R	un (Sul	omit c	opy of ea	ch)			22	Was	well core DST run? ctional Su	• ·	🛛 No	🗖 Yes	s (Submit analysis) s (Submit analysis) s (Submit analysis)
23. Casing an	nd Liner Reco	ord <u>(Repo</u> r	rt all strings													T
Hole Size	Size/G	rade	Wt. (#/ft.)	To (M	-	Botto (MD		Stage Cem Depth		No. of SI Type of C		Slurry (BB		Cement'	Гор*	Amount Pulled
17.500		375 J <u>5</u> 5	54,5		0		355				35				0	
<u>12.250</u> 8.750		S-110H	<u>40.0</u> 23.0		0 0		558 017		1017 4809		<u>58</u> 97		<u> </u>		0	
6.000		CP-110	11.6		7247		300		+003		47			t	7247	<u></u>
							_					1				
24. Tubing	Record					L								L	_	l
	Depth Set (M	ID) Pa	cker Depth	(MD)	Si	ze I	Depth	Set (MD)	P	acker Depth	(MD)	Size	De	epth Set (M	D)	Packer Depth (MD)
2.375 25. Produci		8368		8368	<u> </u>	<u>_</u>	26	Perforation	Reco	ord		<u> </u>	1			
	ormation		Тор		Bo	ttom				Interval		Size		No. Holes		Perf. Status
A)	WOLFC			8418		9915				8418 TO 9			20		OPE	
<u>B)</u> C)	CISCO CAN			9947		10215				9947 TO 10	215	0.4	20	272	OPE	N
<u>D)</u>												_				
	racture, Treat		ent Squeeze	e, Etc.										IN		ARTESIA DISTRICT
	Depth Interva 84		15 2163848	B GAL I	FRAC		ND 2	781263 LBS		mount and Ty AL PROP	pe of r	viaterial				CED a d Com
	994	7 T <u>O</u> 102	15 542363	GAL FI	RAC F	LUID AN	D 59	8052 LBS T	OTAL	PROP						SEP 01 2017
<u> </u>							<u> </u>	······								8 e e -
28. Product	ion - Interval	A														RECEIVED
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		Gas MCF		⁷ ater BL	Oil G Corr.		Gas Gravi	ity	Product	tion Method		
05/19/2017	05/25/2017	24		105	i.0	1706.0		1038.0	Gas:C		Wall	Status		<u> </u>	GASL	
Choke Size	Tbg. Press. Flwg. 1400		24 Hr. Rate	Oil BBL	_	Gas MCF		Ater BL	Ratio	41						
28 28a. Produc	SI tion - Interva	650.0 I B		10	9	1706		1038	L	<u> </u>		PGW				
Date First Produced	Test	Hours Tested	Test Production	Oil BBL	-7	Gas MCF		/ater BL	Oil G Corr.		Gas Gravi		Product	tion Method		
05/19/2017	05/25/2017	24		22	.0	349.0		213.0							GAS I	
Choke Size 28	Tbg. Press. Flwg. 1400 SI	Csg. Press. 650.0	24 Hr. Rate	Oil BBL 2:	2	Gas MCF 349		/ater BL 213	Gas:C Ratio	NI		Status PGW				
			1						J		_					

(See Instructions and spaces for additional data on reverse side) ELECTRONIC SUBMISSION #387139 VERIFIED BY THE BLM WELL INFORMATION SYSTEM ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERA' Pending BLM approvals will

۰,

.~ 1

Pending BLM approvals will subsequently be reviewed and scanned

28b. Proc	luction - Inter	val C				· · · · ·			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
28c. Proc	luction - Inter	val D		•					
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

31. Formation (Log) Markers

29. Disposition of Gas(Sold, used for fuel, vented, etc.) SOLD

30. Summary of Porous Zones (Include Aquifers):

, ~ k

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

•

,

Formation	Тор	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
					1

32. Additional remarks (include plugging procedure):

2. Geologic Report	DST Report	Directional Survey
6. Core Analysis	7 Other:	
is complete and correct as determin	ed from all available records (se	ee attached instructions):
Title	REGULATORY ANALYST	······································
Date (08/31/2017	
1	6. Core Analysis is complete and correct as determin a #387139 Verified by the BLM V ENERGY CO OF COLORADO, Title E	

	•	NM	OIL CONSER ARTESIA DISTRI	VATION:	
	UNITED STATES PARTMENT OF THE IN JREAU OF LAND MANA	NTERIOR	SEP 01 201	OMB N	APPROVED O. 1004-0137 anuary 31, 2018
SUNDRY I	NOTICES AND REPO	RTS ON WELLS	RECEIVED	 Lease Serial No. NMLC065347 	
Do not use thi abandoned wel	s form for proposals to I. Use form 3160-3 (API	drill or to re-enter ar)) for such proposal) S.	6. If Indian, Allottee	or Tribe Name
SUBMIT IN 1	RIPLICATE - Other inst	ructions on page 2		7. If Unit or CA/Agre	ement, Name and/or No.
 Type of Well ☐ Oil Well	er			8. Well Name and No. ESTILL AD FEDE	
2. Name of Operator CIMAREX ENERGY CO OF C	Contact: COLORA B @Mail: acrawford@	AMITHY E CRAWFO	RD	9. API Well No. 30-015-33336	
3a. Address 202 S. CHEYENNE AVE STE TULSA, OK 74103	1000	3b. Phone No. (include a Ph: 432-620-1909	rea code)	10. Field and Pool or CISCO CANYC	Exploratory Area DN; WOLFCAMP
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description,	· · · · · · · · · · · · · · · · · · ·		11. County or Parish,	State
Sec 19 T24S R26E 2270FNL	380FEL			EDDY COUNT	Y, NM
12. CHECK THE AP	PROPRIATE BOX(ES)	TO INDICATE NAT	URE OF NOTICE	E, REPORT, OR OT	HER DATA
TYPE OF SUBMISSION	· · · · · · · · · · · · · · · · · · ·	1	YPE OF ACTION		
□ Notice of Intent	☐ Acidize	Deepen	🗆 Produ	ction (Start/Resume)	□ Water Shut-Off
_	□ Alter Casing	🗖 Hydraulic Fra	cturing 🔲 Reclai	mation	Well Integrity
Subsequent Report	Casing Repair	□ New Construc	—	•	□ Other
☐ Final Abandonment Notice	 Change Plans Convert to Injection 	Plug and Aba Plug Back		orarily Abandon Disposal	
If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab determined that the site is ready for fi Estill AD Federal #2 - Cisco Ci Plugback/Recompletion Ops DHC # 4801 3/30/2017- RIH with RBP and 5/1/2017-Perforate Cisco Can and 598052 lbs total prop. 5/2/2017 to 5/5/2017- Perforat frac fluid and 2781263 lbs tota 5/11/2017- RIH 2 3/8" tubing p 5/12/2017- Turn well over to p	k will be performed or provide operations. If the operation re- andonment Notices must be file inal inspection. anyon/Wolfcamp Recomp set at 9926'. Pressure tes yon from 10215'-9947'. 17 te Wolfcamp from 9756'-8 il prop. backer and GLVs set at 83	the Bond No. on file with 1 ults in a multiple completied only after all requirement eletion st casing to 8500. Goo 72 holes42. Frac with 418'. 272 holes42. I	3LM/BIA. Required s on or recompletion in a tts, including reclamat od Test. Release F h 542363 gal frac	subsequent reports must be a new interval, a Form 310 ion, have been completed RBP. fluid	e filed within 30 days 50-4 must be filed once
14. I hereby certify that the foregoing is	Electronic Submission #	386964 verified by the I RGY CO OF COLORAD	BLM Well Information O, sent to the Carl	on System sbad	
Name (Printed/Typed) AMITHY	E CRAWFORD	Title	REGULATORY A	NALYST	
Signature (Electronic S	Submission)	Date	08/30/2017		
	THIS SPACE FO	R FEDERAL OR S		USE	
					l
_Approved By Conditions of approval, if any, are attached certify that the applicant holds legal or equ which would entitle the applicant to condu	itable title to those rights in the		-	A approvals will y be reviewed	I

Santa Fe, New Mexico 87504-2088 DISTRICT IV □ AMENDED REPORT P.O. BOX 2088, SANTA FE, N.M. 87504-2088 WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Pool Code Pool Name 30-015-33336 87280 White City; Penn (Gas) **Property** Code Property Name Well Number ESTILL AD FEDERAL 2 OGRID No. Operator Name Elevation 162683 **CIMAREX ENERGY CO. OF COLORADO** 3430 Surface Location Feet from the North/South line East/West line UL or lot No. Township Feet from the Section Range Lot Idn County 24 S 26 E EDDY Н 19 2270 NORTH 380 EAST 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 Bast/West line County EDDY 957 19 24 S 26 E 1588 NORTH EAST H **Dedicated** Acres Joint or Infill Consolidation Code Order No. 640 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** NAD 27 NME 3440 6' 3427.1 GEODETIC COORDINATES I hereby certify the the information 600' missined herein is true and complete to the Y-437862.0-N beet of my knowledge and bellef. ଞ୍ଚି Θ X-502567.6-E LAT.= 32'12'13.68" N 2270 LONG.= 104"19'29.07" W 3437.6 3421.4 Signature Amithy Crawford Printed Name Regulatory Analyst THE 11/30/2016 Date Estill AD Fed #2 SHE SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by ms or under my supervison and that the same is true and correct to the best of my belief. 1650' JANUARY 26, 2004 1682' BHLO SHL Date Surveyed LMP 1939 تثتير .a. 140 \mathbf{C} 1650' Dry 1470' 12/04 Estill AD Fed #1 Estill AD Fed #3 1550' 04,11.0008 Cortificate No. GARY EDSON 12641 huninghan 3.00 3510 M

P.O. Rox 1980, Hobbs, NM 88241-1980

DISTRICT II P.O. Brawer DD. Artenia, NK 88211-0719

DISTRICT I

DISTRICT III 1000 Rio Brazos Rd., Astec, NM 67410

NM OIL CONSERVATION

ARTESIA DISTRICT State of New Mexico

Revised February 10, 1994 Energy, Minerals and Natural Resources Department SEP 01 Submit to Appropriate District Office State Less - 4 Copies State Loase - 4 Copies Fee Lease - 3 Copies

· FORD U-IVG

OIL CONSERVATION DIVISTORY P.O. Box 2088

NM OIL CONSERVATION

ARTESIA DISTRICT

SEP 01 2017

District.1 1623 N. French Dr., Hoble, NM \$\$240 Picere (373) 303-6161 Pac (373) 393-6740 District.1 \$11 S. Finel St., Antonia, RGI \$\$210 Picere (373) 745-1738 Pac (375) 718-9729 District.11 1000 Rio Buzzoz Road, Antoc, NM \$7410 Picere (303) 314-6178 Pac (305) 314-6170 District.12 1220 S. St. Francis Dr., Santa Fo, NM \$7503 Phone: (303) 476-3460 Pac (503) 476-3462

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-102 RECENT June 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1	API Numbe 015-33		9	98220 Purple Sage – Wolfcamp Gas							
⁴ Property (Code				Property Estill AD Fe			• 5	* Well Nomber 2		
OGRID I	No.		******	**********		* Elevation					
162683	3			Cima	1	3430'					
					" Surface]	Location					
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County		
н	19	245	26E		2270′	North	380'	East	Eddy		
h-,			"Bo	ttom Ho	le Location If	Different Fron	n Surface				
UL or lot no.	Section	Township	Range	Lot Idn		North/South line	Feel from the	Kast/Weat line	County		
Н	19	245	26E		1588'	North	957'	East	Eddy		
Dedicated Acres	Dedicated Acres H Joint or Infill H Consolidation Code B Order No.										
320											

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16	,		1588′	2270'		¹¹ OPERATOR CERTIFICATION I hereby carify that the information constitued hereby is two card complete 10 the best of say insulative and belief, and that this organization effort oran a working interest or endessed scienced interest in the hash including the proposed battors hale location or has a right to diff thruell of this become pursual to a constant with an average of such a scienced or working bits of a constant stage constant with an average of such a scienced or working bits of a constant stage constant of a constant of a complete order because the science by dashington
		ł	BHLÒ	5HL 38	.7′ ⊳ 0′	Amithy Crawford Printed Narce acrawford@cimarex.com Benail 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.
						Date of Survey Signature and Seal of Professional Surveyor: Certificate Number