District I, 1625 N. Ffynch Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Form C-101 May 27, 2004

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

.1111 16 2008

☐ AMENDED REPORT

Submit to appropriate District Office

7505 OCD-ARTESIA

Cimare's Energy Co. of Colorado 660 N. Marienteld Street, Ste. 600 Nidland, TX 79701 Proposed Food 1 Proposed Food 1 Well No. 2 Proposed Food 1 Mosley Canyon; Strawn Surface Location Additional Well Information Went Type Code Went Type Code Surface Location If Different From Surface Additional Well Information Went Type Code Went Type Code Surface Location If Different From Surface Additional Well Information Went Type Code Surface Location If Different From Surface Additional Well Information Went Type Code Surface Location If Different From Surface Additional Well Information Surface Location If Different From Surface Additional Well Information Surface Location If Different From Surface From the Foot fro	Al	PPLICA	ATION F	OR PERM	IT TO	DRILL, K	E-EN	TER, DEEP	EN, PLUGI	OGRID Num	ADD A ZONE	
Property Code	Operator Name and Address Cimarex Energy Co. of Colorado 600 N. Marienfeld Street, Ste. 600 Midland, TX 79701										ioci	
Property Code 217 3.5 Proposed Poel										API Number		
Property Code 3 Proposed Poel 1 1 Proposed Poel 1 1 Modely Canyon; Strawn 7 Surface Location UL or for no Section Township Bange Let len Peel from the EW line County 1 2 4S 24F 24S 22Z North 1670' East Eddy 8 Proposed Botton Hole Location If Different From Surface UL or for no Section Township Bange Let len Peel from the EW line County 8 Proposed Botton Hole Location If Different From Surface UL or for no Section Township Range Let len Peel from the North 1670' East Eddy 8 Proposed Botton Hole Location If Different From Surface UL or for no Section Township Range Let len Peel from the North-Stable likes Feet from the East West has County Additional Well Information "West Spec Cade "Well Type Code "Caption Township Section Township Peel from the North-Stable likes Feet from the Section Township Additional Peel from the North-Stable likes Feet from the Section Township Additional Peel from the North-Stable likes Feet from the Section Peel from the North-Stable likes Feet from the Section Peel from the North-Stable likes Peel from the North-Stable likes Feet from the Section Peel from the North-Stable likes Peel from the North-St	·						-				97 .	
Proposed Pool						Property	Name				Well No.	
Mosley Carryon; Strawn Surface Location Southon Section Township Range Let lab Feet from the Nest Interpret From Surface East Eddy	217	35				Jurnegan St	ate Com	L			2	
Surface Location Surface Surfa	_								10 Prop	osed Pool 2		
Clast of all Section Township Range Lot life Sea from the NS line Feet from the EW line Courty			Mosley	Canyon; Stra	.wn							
Section Towaship** Range** Lot Ida** Perposed Bottom Hole Location If Different From Surface** Control Cont						⁷ Surf	ace Lo	cation				
Proposed Bottom Hole Location If Different From Surface Country	UL or lot no	Section	Township	Range	Lot 1	La contraction de la contracti		N/S line Feet from the		E/W line	•	
Additional Well Information Work Type Code	G	12	24S	24E		220	02'	North	1670'	East	Eddy	
Additional Well Information				⁸ Pro	posed F	Bottom Hole L	ocation	If Different Fro	om Surface			
"Worlt Type Code "Well Type Code "Cable/Rotary "Lasse Type Code 4/032" Modifiple 19 Peoposed Depth 19 Formanon 10 Contractor 29 Spod Date	UL or lot no	Section	Township							East/West line	County	
"Work Type Code	<u> </u>									L		
P G S 4032' Bytultiple 17 Proposed Depth 18 Formanon 18 Contractor 18 Spud Date Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water						Additional	Well I					
Proposed Depth Proposed Depth Proposed Depth Proposed Depth Proposed Depth to Groundwater Distance from nearest firesh water well Distance from nearest surface water	11 Work				e	· 13 Cabl	e/Rotary	· · · · · · · · · · · · · · · · · · ·		15 G		
Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water	16.5	_				18 77			-			
Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water				" Proposed Depti	1	For	rmation]	Contractor		Spud Date	
Pit Liner Syntheticmils thick Clay _ Pit Volume:bbls					Distance	e from nearest fre	sh water w	<u>l</u>	Distance from	nearest surface	water	
Proposed Casing and Cement Program												
Proposed Casing and Cement Program		•		s thick Clay L	Pit Vol	ume:bbls		_		_	_	
Hole Size Casing Size Casing weight/foot Setting Depth Sacks of Cement Estimated TOC 13 3/8" 48# 484' 580 Surface 9 5/8" 36# 2660' 1725 Surface 4 ½" 11.6# 10933' 1780 8200' (TS) Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary The Jurnegan State Com #2 is currently producing from Morrow perfs 10410'-10432' Cimarex proposes to plug off the Morrow by setting a plug in the Halliburton Versaset pkr @ 10351' then perf & acdz the Strawn formation 9387'-9612' Please of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines, a general permit, or an attached) alternative OCD-approved plan Approved by Approved by Approved by Expiration Date	Close	ed-Loop Sys	stem 🔲							Oil-based C	Gas/Air 🔲	
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13 3/8" 48# 484' 580 Surface 9 5/8" 36# 2660' 1725 Surface 4 ½" 11.6# 10933' 1780 8200' (TS) Describe the proposed program If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary The Jurnegan State Com #2 is currently producing from Morrow perfs 10410'-10432' Cimarex proposes to plug off the Morrow by setting a plug in the Halliburton Versaset pkr @ 10351' then perf & acdz the Strawn formation 9387'-9612' Pi hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines [], a general permit [], or an attached) alternative OCD-approved plan []. Signatur OCD-approved plan []. Signatur OCD-approved plan []. Printed name: Laci Luig Title Laci Luig Expiration Date: 7/22/08 Expiration Date. 7/22/08 Expiration Date. 7/22/08	Hole S	Size	Casıı	ng Size						ment	Estimated TOC	
2 Describe the proposed program If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary The Jurnegan State Com #2 is currently producing from Morrow perfs 10410'-10432' Cimarex proposes to plug off the Morrow by setting a plug in the Halliburton Versaset pkr @ 10351' then perf & acdz the Strawn formation 9387'-9612' Place of the Morrow by setting a plug in the Halliburton Versaset pkr @ 10351' then perf & acdz the Strawn formation 9387'-9612' OIL CONSERVATION DIVISION Constructed according to NMOCD guidelines , a general permit , or an attached) alternative OCD-approyed plan Signatur		•			48#			484'	580		Surface	
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Describe the blowout prevention program, if any. Use additional sheets if necessary The Jurnegan State Com #2 is currently producing from Morrow perfs 10410'-10432' Cimarex proposes to plug off the Morrow by setting a plug in the Halliburton Versaset pkr @ 10351' then perf & acdz the Strawn formation 9387'-9612' Thereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines , a general permit , or an attached) alternative OCD-approved plan . Signature: OIL CONSERVATION DIVISION Approved by Appro				4 1/2"		11.6#		10933'	1780		8200' (TS)	
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OIL CONSERVATION DIVISION Approved by Orinted name Laci Luig Oritle. Engineer Tech. E-mail Address: Iluig@cimarex com	Describe the The Jurnegan	blowout pro	#2 is currently	am, if any. Use a producing from	dditional : Morrow j	sheets if necessar perfs 10410'-104.	у					
E-mail Address: Iluig@cimarex com	23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan . Signature: Printed name: Laci Luig Title. Engineer Tech.						Approved by Jem W. Same Tield Mohief Ity Segrencies					
							дррюч	ar Date. 1/6		Apiration Date.	1160110	
						Condition	ons of Annroval At	tached				

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

☐ AMENDED REPORT

		W]	ELL LC	OCATION (CATION)	N AND ACR	<u>EAGE DEDIC</u>	ATION PLA	<u>T</u>			
^T API Number				² Pool Code	!	³ Pool Name					
30-015-23897			811	470		Mosley Canyon; Strawn					
⁴ Property Code					⁵ Property I	Name	6 V	⁶ Well Number			
	Jurnegan State Com								2		
OGRID No.						⁹ Elevation					
162683			Cir	4	4032' Gr						
					¹⁰ Surface	Location			-		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
G	12	24S	24E		2202'	North	1670'	East	Eddy		
		'	11 Bo	ottom Ho	le Location I	f Different Fron	n Surface				
UL or lot no.	Section	Township	Range	. Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
12 Dedicated Acres	13 Joint of	r Infill 14 Co	nsolidation	Code 15 Or	der No.						
320											
		l									

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				17 OPERATOR CERTIFICATION
				I hereby certify that the information contained herem is true and complete
				to the best of my knowledge and belief, and that this organization either
				owns a working interest or unleased mineral interest in the land including
	•			the proposed bottom hole location or has a right to drill this well at this
				location pursuant to a contract with an owner of such a mineral or working
	,			interest, or to a voluntary pooling agreement or a compulsory pooling order
		-		heretofore entered by the division
				Signature College Printed Name Signature College Coll
	l l	<u> </u>		
		•	~	
		Jurnegan State	Com #2	
				18 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