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

Form C-104 Revised June 10, 2003

Submit to Appropriate District Office 5 Copies

		I. REC	UEST :	FOR AI	LLO	WABLI	E AND A	UTHO	RIZA	ATION'	TO TRAI	NSPORT
¹ Operator name and Address							² OGRID Number					
Cimarex Energy Co. of Colorado							162683 ~					
600 N. Marienfeld., Ste. 600							³ Reason for Filing Code/ Effective Date NW / 12-15-10					
Midland, T					14 00 /	12-13-1						
⁴ API Number ⁵ Pool Name 30-015-38140 Empire; Glorieta-Yeso							6 Pool Code 96210					
⁷ Property Code 8 Property Name 38307 Thorntail 31 Federal ✓									-		9 Well Nui	mber
38307							001					
II. 10 Sur	rface Lo	Cation Township	Range	Lot.Idn	Foot	from the	North/Sout	h I ino	East fr	som the	East/West li	ne County
UI or lot no.		Township									East/ west ii	
Р	31	165	29E	29E 525		525	South		330		East Eddy	
		le Location			e 41	ne North/South line Fee			et from the East/West line			
UL or lot no.	Section	Township Range Lot Idn Feet f		irom the	om the North/South line		Feet from the Eas		East/ west ii	st/West line County		
12 Lse Code	13 Producing	roducing Method Code 14 Gas Connection Date 15 C-		C-129 Pern	29 Permit Number 16		C-129 Effective Date		ite 17	¹⁷ C-129 Expiration Date		
F		P 01-14-11										
III. Oil a	nd Gas	Transporte	ers									
¹⁸ Transpor OGRID	ansporter Transporter Name			²⁰ P	POD ²¹ O/G			22 POD ULSTR Location and Description				
21778		Sunc	co Inc R	&M	l	•		0				
21//6			PO Box 2039									
	Tulsa, OK					14 A 34 A 54	en hararana. Managan					
180055	,	Duke Energy Field Services						G				FOEIVED
100 SEC	6120 S. Yale Ave. Ste 1100 Tulsa, OK				6.03					ECEIVED		
	Tuisa, OK					msasala (Ki Yali)		<u> </u>		1	FEB 07 2011	
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IV. Prod ²³ POD	ucea wa		IILSTR I	ocation a	nd Des	scription						
²³ POD ULSTR Location and Description Same as above												
		Same			na Des	ser ipeion						
V Well (Complet					·						
V. Well C	Complet		as abov	e	²⁷ TD		28 PBT	T D		²⁹ Perforati	ons	³⁰ DHC, MC
²⁵ Spud Da	te	ion Data 26 Ready	as abov Date	e	²⁷ TD					²⁹ Perforati		³⁰ DHC, MC
²⁵ Spud Da 09-25-10	te O	ion Data	as abov Date 10	e	²⁷ TD 5300		516	2		²⁹ Perforati	74	
²⁵ Spud Da 09-25-10	te	ion Data 26 Ready	as abov Date 10	e g & Tubin	²⁷ TD 5300		516				74	³⁰ DHC, MC Sacks Cement
²⁵ Spud Da 09-25-10	te O	ion Data 26 Ready	as abov Date 10	e	²⁷ TD 5300		516	2			74	
²⁵ Spud Da 09-25-10 ³¹ Ho	O Die Size	ion Data 26 Ready	as abov Date 10	e g & Tubin	²⁷ TD 5300		516	2 Depth Se			74	Sacks Cement
²⁵ Spud Da 09-25-10 ³¹ Ho	Dole Size	ion Data 26 Ready	as abov Date 10	e g & Tubin 11¾	²⁷ TD 5300		516.	2 Depth Se 305			74	Sacks Cement 850
²⁵ Spud Da 09-25-10 ³¹ Ho	ole Size	ion Data 26 Ready	as abov Date 10	e 3 & Tubin 1134 85% 51/2	²⁷ TD 5300		5163 33 I	2 Depth Se 305 922 5300			74	Sacks Cement 850 825
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Operator: Cumarex Energy Well Name: Thorntail 31 7-ederal #9
OGRID: 162683 API: 30-0 15 - 38140 Lease Type FS P
Date C104 rec'd 2/1/2011 Date of file review 2/5/2011 Inactive Well List 4 out of 1/47 Additional Bonding: NO
APD Approval Date 9 / 3 / 2010 Pit Permit Approval 2/ 1 / 2011 Permit # 21142 Pit Closure://_
Spud notice
Directional Survey/_/ MDTVD "As Drilled" or Amended C-102
Completion Sundry: $\frac{2}{19/11}$ Completion Report: $\frac{2}{19/201}$ Logs DSA DL $\frac{2-1-2011}{2-1-2011}$ REC
COMPLIANCE: NSLNSP DHCART
OTHER REQUIREMENTS:
Inactive Well List//_ Date to RD for approval 3 / 14 / Additional Bonding
Reviewed by: DENIED