Submit 3 Copies To Appropriate District Office	State of New	Mexico		Form C-103
District I	Energy, Minerals and N	latural Resources		May 27, 2004
1625 N. French Dr., Hobbs, NM 88240			WELL API NO.	
District II 1301 W. Grand Ave., Artesia, NM 88210 OIL CONSERVATION DIVISION		30-025-23147 5. Indicate Type of Lease		
District III 1220 South St. Francis Dr.		STATE S FEE		
1000 Rio Brazos Rd., Aztec, NM 87410 District IV Santa Fe, NM 87505		6. State Oil & Gas Lease N		
1220 S. St. Francis Dr., Santa Fe, NM				
87505 SUNDRY NO	TICES AND REPORTS ON WEI	21:	7. Lease Name or Unit Ag	reement Name
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A			7. Lease Name of Omit Ag.	recinent ivalue
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)			Mallon C State	
1. Type of Well: Oil Well Gas Well Other			8. Well Number	
			002	
2. Name of Operator			9. OGRID Number 162683	
Cimarex Energy Co. of Colorado 3. Address of Operator			10. Pool name or Wildcat	
PO Box 140907; Irving, TX 75014-0907			Lovington; Upper Penn, NE	
4. Well Location				
	660 feet from the South	line and 660	feet from the East	line
	Township 16S Range	37E NMPM	County Lea	
The second of the second secon	11. Elevation (Show whether			F 47545
温度 主动地位于2017年	3814' GR			
Pit or Below-grade Tank Application				
Pit type Depth to Groundwater	Distance from nearest fres	h water well D	Distance from nearest surface water	er
Pit Liner Thickness: Below-Grade Tank: Volume bbls; Construction Material				
12. Chec	k Appropriate Box to Indica	ite Nature of Notice	, Report or Other Data	
NOTICE OF IN	NTENTION TO:	L		ν Ε.
		l l	EQUENT REPORT O	
PERFORM REMEDIAL WORK TEMPORARILY ABANDON	☐ PLUG AND ABANDON ☐ CHANGE PLANS ☐] REMEDIAL WORK] COMMENCE DRILLI		NG CASING 🗌
PULL OR ALTER CASING	MULTIPLE COMPL	CASING/CEMENT JO	· 	. 🗀
	awn Perfs			
13. Describe proposed or complet			e pertinent dates, including e	stimated date of
starting any proposed work). SEE	RULE 1103. For Multiple Comp	letions: Attach wellbor	re diagram of proposed comp	oletion or
recompletion.				
	4 1 1 7 7		3.777 1 1:1 0	
The Mallon C State No. 2 is	-	0 , 11	· • •	at 11437'-11454'
(Strawn). Cimarex proposes	to re-enter, clean out to 115	50', and perform the	e following operations:	
D CC: 114672 1146	(0) 11 4712 11 4702 2	\ 1		
	58', 11471'-11478' 3 jspf, 30			
	37'-11454' with 1250 gal 15'			250 gallons.
	55'-11478' with 1000 gal 15'	% NeFe HCl, 60 bal	ll sealers.	
• Run 2-7/8" production tubing and install rod pump.				
• Turn well to production ((still in Lovington; Upper Pe	nn, NE field).	1 220	ू हें। इंड
			્ર હે ફુંફું જ	
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			/S	
			167	
I hereby certify that the information	n above is true and complete to th	e best of my knowledge	and belief. I further certify th	at any nit or helow-grade
tank has been/will be constructed or clos	ed according to NMOCD guidelines ,	a general permit or an (attached) alternative OCD-appro	ved plan □.
SIGNATURE Watal:	Lyung TITLE	Reg Analyst 1	DAME I	0.0007
SIGNATURE JOURGILL	Turge III.E	Reg Analyst 1	DATE Janu	1ary 9, 2007
Type or print name Natalie K	rueger email ac	ldress: nkrueger@cir	marex.com Telephone N	Vo. 469-420-2723
For State Use Only				
ADDROVED BY	11811			5
APPROVED BY:	Wellams of	STRICT SUPERVISOR/	GENERAL MANAGER ^{ATE} —	FEB 0 6 2007
Conditions of Approval (II ally).				

CIMAREX ENERGY CORPORATION State C #2

East Lovington (Strawn) Field RECOMPLETION PROCEDURE

December 15, 2006

OBJECTIVE:

Add lower Strawn pay and return shut in well to production.

WELL DATA:

Elevation: 3814 GL; RKB 3426' = GL +12'

TD: 11,649'

PBTD: Not Reported

Casing: 13 3/8, 48#, H40, ST&C @ 350'. Cement w/330 sx, Circulated

8 5/8" 24 & 32# J-55 8rd STC @ 4350'. Cement w/550 sx.

Top of Cement @ 2850'

5 1/2" 17 & 20# N-80 LTC @ 11,649' TOC @ 9540'

Strawn Perfs (Existing): 11,437 – 11,454' (Non-continuous)
Proposed Strawn Perfs: 11,465 – 11,478' (Non-continuous)

Tubing: 2 3/8", 4.7#, 8R, EUE

Correlation Log: Schlumberger Perforating Depth Control Log dated: 6/23/1969

RECOMPLETE TO STRAWN

- 1. MIRU WSU, NUBOP, TOH w/ tubing. Send tubing and rods in for inspection.
- 2. PU 4-3/4 B&S and TIH to PBD (Unknown). Clean well out to at least 11,550' to provide rat hole. Circulate hole clean with 2% KCL FW and spot 250 gals 15% DI NEFe acid from 11,478'. POH & LD B&S.

RU Wire Line Service Company and perf Strawn 3 JSPF phased 120 degrees using premium charges correlated to Schlumberger Perforating Depth Control Log dated:6/23/1969 as follows:

- 11,465-11,468' (3', 9 holes)
- 11,171-11,478' (7', 21 holes)
- 3. TIH with packer on 2-7/8" tubing and set @ ±11,350'.
- 4. Establish injection rate into existing perfs. Acidize with 1250 gals total of 15% NEFe acid pumped @ 5-7 BPM as follows: Drop 24 1.3 SpG RCN balls in lead 250 gals 15% and attempt to ball out old perfs. Break down Lower Strawn interval 11465-478' with 1000 gal 15% NEFE HCl. Use 60 ball sealers spaced evenly for diversion. Displace with 2% KCL FW.
- 5. Flow back and swab to recover load and test production.
- 6. Release packer and POH.
- 7. Run production tubing and BHA. ND BOP, NU wellhead assembly.
- 8. Run Rods and Pump. SOHO.
- 9. Release well to production.

J. Piwetz Page 1 of 1 1/9/2007