State of New Mexico

Form C-101 Permit 37178

Energy, Minerals and Natural Resources

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

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

terment to bittibb, the mitted, bearing	,				
1. Operator Name and Address	2. OGRID Number				
CIMAREX ENERGY CO.					
	3. API Number				
101311,011,74103	30-025-38158				
5. Property Name	6. Well No.				
36062 SUNSHINE					
	Operator Name and Address CIMAREX ENERGY CO. SEAST 5TH STREET TULSA, OK 74103 S. Property Name				

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	13	15S	37E	L	2260	S	380	W	LEA

8. Pool Information

DENTON; WOLFCAMP 17290

Additional Well Information

	No.			10.5	
9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3776	
14. Montriple N	15. Proposed Depth	16. Formation Wolfcamp	17. Contractor	18. Spud Date 12/1/2006	
Depth to Ground water 49		Distance from nearest fresh water	well	Distance to nearest surface water	
t: Liner: Synthetic Closed Loop System	mils thick	Clay Pit Volume: bbls		Diesel/Oil-based Gas/Air	

19. Proposed Casing and Cement Program

					_	
Туре	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	600	550	0
Int1	12.25	9.625	40	4500	1750	0
Prod	7.875	5.5	26	10100	825	8782
Liner1	6.125	2.875	11.6		0	

Casing/Cement Program: Additional Comments

PEAK Completions Systems iso-packer and iso-port liner will be used and will not require cementing. KOP for the lateral will be 9159'. Projected TD at BHL is 9350' TVD and 11198' MD. Preliminary directional survey will be emailed to Donna Mull.

Proposed Blowout Prevention Program

		T Toposca Dionoat T	resentation regrant	
	Туре	Working Pressure	Test Pressure	Manufacturer
3	DoubleRam	5000	5000	Cameran

of my knowledge and belief.	tion given above is true and complete to the best ing pit will be constructed according to	OIL CONSERV	ATION DIVISION
NMOCD guidelines a gen OCD-approved plan	eral permit , or an (attached) alternative	Approved By: Chris Williams	
Printed Name: Electronics	ally filed by Sharon LaValley	Title: District Supervisor	NO 0
Title: Manager		Approved Date: 10/6/2006	Expiration Date: 10/6/2007
Email Address: slavalley@	Ocimarex.com		
Date: 10/5/2006	Phone: 918-295-1673	Conditions of Approval Attac	hed

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(505) 393-6161 Fax:(505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210 Phone:(505) 748-1283 Fax:(505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico

Form C-102 Permit 37178

Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr.

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1.777		
1. API Number	2. Pool Code	3. Pool Name
30-025-38158	17290	DENTON;WOLFCAMP
4. Property Code	5. Property N	ame 6. Well No.
36062	SUNSHIN	E 001
7. OGRID No.	8. Operator N	ame 9. Elevation
215099	CIMAREX ENE	RGY CO. 3776

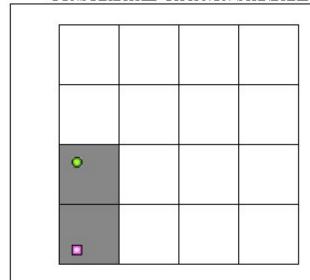
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	13	15S	37E		2260	S	380	w	LEA

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idm	Feet From	N/S Line	Feet From	E/W Line	County
K	13	15S	37E	K	330	S	380	W	LEA
225025	cated Acres	13. J	oint or Infill	14	. Consolidation	Code	•	15. Order No.	

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

I hereby certify that the information contained herein 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(s) 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.

E-Signed By: Sharon LaValley

Title: Manager Date: 10/5/2006

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.

Surveyed By: Gary Jones
Date of Survey: 8/29/2006
Certificate Number: 7977

Permit Comments

Operator: CIMAREX ENERGY CO. , 215099 Well: SUNSHINE #001

API: 30-025-38158

Created By	Comment	Comment Date
ZFARRIS1	C-144 will be emailed to Donna Mull.	9/5/2006
ZFARRIS1	Cimarex Energy Co. does not anticipate that there will be enough H2S from the surface to the Wolfcmp formation to meet the OCD's minimum requirements for the submission of a contingency plan for this test.	10/5/2006

Permit Conditions of Approval

Operator: CIMAREX ENERGY CO., 215099
Well: SUNSHINE #001

30-025-38158 API:

OCD Reviewer	Condition
DMULL	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
DMULL	Will require a directional survey with the C-104