State of New Mexico

Form C-101 Permit 132411

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

CIMAREX ENERG	Name and Address FY CO. OF COLORADO	OGRID Number 162683	
	Marienfeld St d, TX 79701	3. API Number 30-015-39091	
4. Property Code 38645	5. Property Name ALASKA 29 FFF	6. Wett No. 006	

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
0	29	188	26E	0	990	S	1650	E	EDDY

8. Pool Information

PENASCO DRAW;SA-YESO (ASSOC) 50270

Additional Well Information

9. Work Type New Well	10. Well Type OIL		11. Cable/Rotary	12. Lesse Type Private	13. Ground Level Elevation 3412	
14. Multiple 15. Proposec N 3000		1000	16. Formation Blinebry	17. Contractor	18. Spud Date	
Depth to Ground	water		Distance from nearest fi	esh water well	Distance to nearest surface water	
Liner: Synthetic Closed Loop Syste		nils thick Clay	Pit Volume:	bbls Drilling Method:	Diesel/Oil-based Gas/Air	

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14.75	9.625	36	950	1200	0
Prod	8.75	5.5	17	3000	640	0

Casing/Cement Program: Additional Comments

Complete details to be sent to OCD office via email.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	Cameran

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	OIL CONSERVATION DIVISION				
NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .	Approved By: Randy Dade				
Printed Name: Electronically filed by Zeno Farris	Title: District Supervisor				
Title: Manager Operations Administration	Approved Date: 5/31/2011 Expiration Date: 5/31/2013				
Email Address: zfarris@cimarex.com					
Date: 5/31/2011 Phone: 432-620-1936	Conditions of Approval Attached				

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 132411

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

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	and the second s	Pool Name
30-015-39091	50270		W;SA-YESO (ASSOC)
4. Property Code	5. Property Name		6. Well No.
38645	ALASKA 29 FEE		006
7. OGRID No. 162683	8. Operator Name CIMAREX ENERGY CO. OF COLORADO		9. Elevation 3412

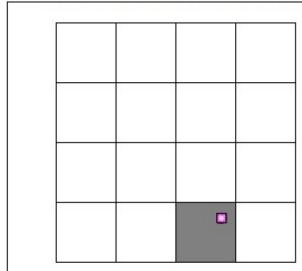
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
0	29	188	26E		990	S	1650	E	EDDY

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot	Idn	Feet From	N/S Lin	ne	Feet From	E/W Line	County
0.500 100 100	cated Acres	13.	Joint 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: Zeno Farris

Title: Manager Operations Administration

Date: 5/31/2011

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 L. Jones Date of Survey: 5/10/2011 Certificate Number: 7977

Permit Comments

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: ALASKA 29 FEE #006

API: 30-015-39091

Created By	Comment	Comment Date 5/31/2011		
NKRUEGER	C-144 to be emailed to OCD office.			
Artesia	IAND p/p	5/31/2011		

Permit Conditions of Approval Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: ALASKA 29 FEE #006

API: 30-015-39091

OCD Reviewer	Condition
Artesia	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string