District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

Phone: (575) 748-1283 Fax: (575) 748-9720 <u>District III</u> 1000 Pin Berroe Pd | Arter NM 87410

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

Energy, Minerals and Natural Resources

Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505 Form C-101 August 1, 2011

Permit 137062

APPLICATION FOR PERMIT TO	DRILL, RE-ENTER,	DEEPEN, PLUGBACK,	OR ADD A ZONE
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CIMAREX ENE	Operator Name and Address CIMAREX ENERGY CO. OF COLORADO 600 N. Marienfeld St					
	N. Marienfeld St land, TX 79701	3. API Number 30-015-39409				
4. Property Code	5. Property Name	6. Well No.				
38805	NORTH DAKOTA 31 FEE	001				

7. Surface Location

UL	- Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
	P	31	188	26E	P	330	S	330	E	EDDY

8. Pool Information

PENASCO DRAW;SA-YESO (ASSOC)	50270
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Additional Well Information

9. Work Type	10. Well Type	11. Cable/Rotary	12. Lease Type	13. Ground Level Elevation	
New Well	OIL	NAME AND DESCRIPTION	Private	3391	
14. Multiple 1	5. Proposed Depth	16. Formation	17. Contractor	18. Spud Date	
N	3000	Blinebry		9/30/2011	

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

Proposed Blowaut Prevention Program

Troposed Blowout Trevention Trogram								
Type	Working Pressure	Test Pressure	Manufacturer					
DoubleRam	3000	3000	Cameran					

of my knowledge and belief.	n given above is true and complete to the best pit will be constructed according to	OIL CONSERVATION DIVISION			
NMOCD guidelines , a genera OCD-approved plan .	al permit, or an (attached) alternative	Approved By: Randy Dade			
Printed Name: Electronically	filed by Zeno Farris	Title: District Supervisor			
Title: Manager Operations A	Administration	Approved Date: 9/16/2011	Expiration Date: 9/16/2013		
Email Address: zfarris@cim	arex.com				
Date: 9/8/2011	Phone: 432-620-1936	Conditions of Approval Attached			

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240

Phone:(575) 393-6161 Fax:(575) 393-0720 <u>District II</u>

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<u>District IV</u> 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505 Form C-102 August 1, 2011

Permit 137062

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	Pool Name
30-015-39409	50270	W;SA-YESO (ASSOC)
4. Property Code	5. Propert	6. Well No.
38805	NORTH DAK	001
7. OGRID No.	8. Operate	9. Elevation
162683	CIMAREX ENERGY (3391

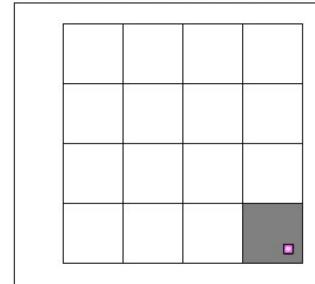
10. Surface Location

	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
1	P	31	188	26E		330	S	330	E	EDDY

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Ide	Feet From	N/S Line	Feet From	E/W Line	County
	cated Acres	13. 1	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: Zeno Farris

Title: Manager Operations Administration

Date: 9/8/2011

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 Jones Date of Survey: 9/7/2011 Certificate Number: 7977

Permit Comments

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: NORTH DAKOTA 31 FEE #001

API: 30-015-39409

Created By	Comment	Comment Date	
Artesia	Land p/P	9/16/2011	

Permit Conditions of Approval

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: NORTH DAKOTA 31 FEE #001

API: 30-015-39409

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