## State of New Mexico

#### Form C-101 Permit 124937

## 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

	ator Name and Address ERGY CO. OF COLORADO	2. OGRID Number 162683		
10.75	N. Marienfeld St dland, TX 79701	3. API Number 30-015-38332		
4. Property Code 38430	5. Property Name EDDY IK STATE COM	6. Well No. 006		

### 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	2	20S	29E	1	330	N	660	E	EDDY

### 8. Pool Information

PARKWAY:BONE SPRING 4967
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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		State	3325	
14. Multiple	15. Proposed Depth	16. Formation	17. Contractor	18. Spud Date	
N	10707	Bone Spring		2/1/2011	
Depth to Ground water		Distance from nearest fre	esh water well	Distance to nearest surface water	
Pit: Liner: Synthetic Closed Loop Syste	mils thick	Clay Pit Volume:	bbls Drilling Method: Fresh Water X Brine	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	26	20	94	300	500	0
Int1	17.5	13.375	48	1300	1100	0
Int2	12.25	9.625	40	3100	1300	0
Prod	8.75	5.5	17	10707	1700	2900

## Casing/Cement Program: Additional Comments

Complete drilling plan to be sent to OCD via email.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
D 11 D	5000	5000	C
DoubleRam	2000	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: 12/27/2010 Expiration Date: 12/27/2012			
Email Address: zfarris@cimarex.com				
Date: 12/23/2010 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 124937

# 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 30-015-38332	171.7 (T) T) T) T)		3. Pool Name AY:BONE SPRING	
4. Property Code 38430	5. Property Name EDDY IK STATE COM		6. Wett No. 006	
7. OGRID No. 162683	8. Operator CIMAREX ENERGY CO	9. Elevation 3325		

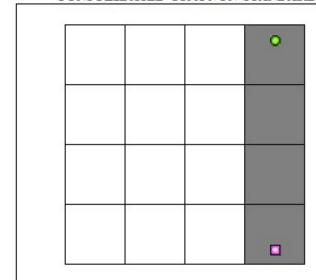
### 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	2	20S	29E		330	N	660	E	EDDY

### 11. Bottom Hole Location If Different From Surface

UL - Lot	Section 2	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P		20S	29E	P	330	S	660	E	EDDY
	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: Zeno Farris

Title: Manager Operations Administration

Date: 12/23/2010

## 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: 12/7/2010 Certificate Number: 7977

## **Permit Comments**

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: EDDY IK STATE COM #006

API: 30-015-38332

Created By	Comment	Comment Date
NKRUEGER	C-102, C-144, and preliminary directional survey to be emailed to OCD.	12/23/2010
Artesia	Land S/S	12/23/2010

# Permit Conditions of Approval

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: EDDY IK STATE COM #006

API: 30-015-38332

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