### State of New Mexico

#### Form C-101 Permit 119591

### **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 ENER	r Name and Address GY CO. OF COLORADO	<ol> <li>OGRID Number</li> <li>162683</li> </ol>	
15 E 5TH STREET		3. API Number	
TULSA , OK 74103		30-015-38125	
4. Property Code	5. Property Name	6. Wett No.	
38305	CRUISER 5 STATE	012	

### 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
J	5	17S	29E	J	1650	S	1805	E	EDDY

### 8. Pool Information

EMPIRE; GLORIETA-YESO 96210

### Additional Well Information

	No.	Mudicional Well Intel	шинош		
9. Work Type New Well	10. Well Type OIL			13. Ground Level Elevation 3616	
14. Multiple N	15. Proposed Depth 6000	16. Formation Paddock			
Depth to Ground	water	Distance from nearest fresh was	ter well	Distance to nearest surface water	
it: Liner: Synthetic Closed Loop Syste	mils thic	k Clay Pit Volume: bb	ols 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	16	11.75	42	450	530	0
Int1	11	8.625	24	1100	500	0
Prod	7.875	5.5	17	6000	1330	900

### Casing/Cement Program: Additional Comments

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	Cameran

of my knowledge and belief.	ion given above is true and complete to the best ing pit will be constructed according to	OIL CONSERVATION DIVISION				
	eral permit , or an (attached) alternative	Approved By: Randy Dade				
Printed Name: Electronica	lly filed by Zeno Farris	Title: District Supervisor				
Title: Manager Operation	s Administration	Approved Date: 9/2/2010	Expiration Date: 9/2/2012			
Email Address: zfarris@n	nagnumhunter.com					
Date: 8/31/2010	Phone: 972-443-6489	Conditions of Approval Attached				

District I

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

District I

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 119591

## 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 3.		Pool Name		
30-015-38125	5-38125 96210 EMPIRE; G		GLORIETA-YESO	
4. Property Code	5. Property Name		6. Well No.	
38305	CRUISER 5 STATE		012	
7. OGRID No.	8. Operator Name		9. Elevation	
162683	CIMAREX ENERGY CO. OF COLORADO 3616			

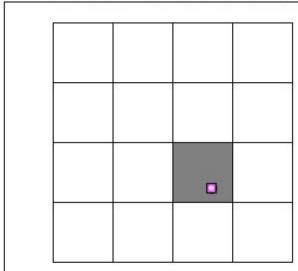
### 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
J	5	17S	29E	in the second	1650	S	1805	E	EDDY

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

UL - Lot	Section	Township	Range	Lot	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County
	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: 8/31/2010

### 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: 8/6/2010

Certificate Number: 7977

### **Permit Comments**

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: CRUISER 5 STATE #012

API: 30-015-38125

Created By	Comment	Comment Date	
NKRUEGER	C-102, C-144, and H2S statement to be emailed to Artesia OCD.	8/31/2010	

# Permit Conditions of Approval Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: CRUISER 5 STATE #012

API: 30-015-38125

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