<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(505) 393-6161 Fax:(505) 393-0720

### State of New Mexico

Form C-101 Permit 126189

## 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
600 N. Marienfeld St Midland, TX 79701		3. API Number 30-025-40030
4. Property Code	5. Property Name	6. Well No.
38206	JG STATE	022

#### 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	16	17S	32E	D	900	N	845	E	LEA

#### 8. Pool Information

MALJAMAR: YESO, WEST 44	44500
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#### Additional Well Information

9. Work Type	10. Well Type	11. Cable/Rotary	12. Lesse Type	13. Ground Level Elevation
New Well	OIL		State	4050
14. Multiple	15. Proposed Depth	16. Formation	17. Contractor	18. Spud Date
N	7000	Blinebry		2/21/2011
Depth to Ground	water	Distance from nearest f	resh 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
Type	riole Size	Casing Type	Casing Weight/It	Setting Depth	Sacks of Cement	Estimated TOC
Surf	16	11.75	42	850	650	
Int1	11	8.625	24	2150	500	
Prod	7.875	5.5	17	7000	1075	

#### Casing/Cement Program: Additional Comments

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer	]
DoubleRam	5000	5000	Cameran	7

of my knowledge and belief.	n given above is true and complete to the best g pit will be constructed according to	OIL CONSERV	ATION DIVISION
	al permit , or an (attached) alternative	Approved By: Paul Kautz	
Printed Name: Electronically	filed by Zeno Farris	Title: Geologist	
Title: Manager Operations A	Administration	Approved Date: 1/21/2011	Expiration Date: 1/21/2013
Email Address: zfarris@cim	arex.com		
Date: 1/21/2011	Phone: 432-620-1936	Conditions of Approval Atta	ched

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 126189

# 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 30-025-40030	5747 (C. 1777 C. 1777		ool Name AR;YESO, WEST
4. Property Code	5. Property Name		6. Wett No.
38206	JG STATE		022
7. OGRID No.	8. Operator		9. Elevation
162683	CIMAREX ENERGY CO		4050

#### 10. Surface Location

UL - Lo	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	16	17S	32E	6.000000	900	N	845	E	LEA

#### 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
V. 100 100 100 100 100 100 100 100 100 10	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: 1/21/2011

#### 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: 10/7/2010 Certificate Number: 7977

# **Permit Comments**

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683

Well: JG STATE #022 API: 30-025-40030

Created By	Comment	Comment Date
ZFARRIS	Cimarex Energy Co. of Colorado does not anticipate that there will be enough H2S from the surface to the Blinebry formation to meet the OCD's minimum requirements for the submission of a contingency plan for this test.	1/21/2011
ZFARRIS	C-144 will be emailed to Hobbs OCD.	1/21/2011
pkautz	Land S/S	1/21/2011

# Permit Conditions of Approval Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: JG STATE #022

API: 30-025-40030

OCD Reviewer	Condition
pkautz	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