### State of New Mexico

#### Form C-101 Permit 121322

## 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

1. Operator	Name and Address	2. OGRID Number	
CIMAREX ENERG	162683		
600 N. MARIENFELD ST MIDLAND . TX 79701		3. API Number	
WIDEA	, 111/5/01	30-025-39934	
4. Property Code	5. Property Name	6. Well No.	
38206	JG STATE	006	

#### 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	16	17S	32E	F	1650	N	1650	W	LEA

#### 8. Pool Information

MALJAMAR: YESO, WEST 44	MALJAMAR:YESO, WEST	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	4058
14. Multiple	15. Proposed Depth 16. Fo		17. Contractor	18. Spud Date
N	7000 Blin			11/5/2010
Depth to Ground	water	sh water well	Distance to nearest surface water	
Pit: Liner: Synthetic Closed Loop Syste	mils thic	k Clay Pit Volume:	bbls Dritting 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	800	550	0
Int1	11	8.625	24	2150	600	0
Prod	7.875	5.5	17	7000	900	0

Casing/Cement Program: Additional Comments

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	Cameran

I hereby certify that the information given of my knowledge and belief. I further certify that the drilling pit wi	55/65 25 258A 85 75	OIL CONSERVATION DIVISION  Approved By: Paul Kautz				
NMOCD guidelines , a general perm OCD-approved plan .	it , or an (attached) alternative					
Printed Name: Electronically filed	by Zeno Farris	Title: Geologist				
Title: Manager Operations Admini	istration	Approved Date: 10/12/2010	Expiration Date: 10/12/2012			
Email Address: zfarris@magnumh	unter.com					
Date: 10/7/2010 F	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 II

District IV

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

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

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. I	Pool Name
30-025-39934	44500	MALJAM	AR;YESO, WEST
4. Property Code	5. Property	Name	6. Well No.
38206	JG STA	JG STATE	
7. OGRID No.	8. Operator	Name	9. Elevation
162683	CIMAREX ENERGY CO	O. OF COLORADO	4058

#### 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	16	17S	32E	(A)	1650	N	1650	W	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
2.000	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

32		
W.		
8		

#### OPERATOR CERTIFICATION

Form C-102

Permit 121322

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: 10/7/2010

#### 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: 10/4/2010 Certificate Number: 7977

# **Permit Comments**

Operator: CIMAREX ENERGY CO. OF COLORADO, 162683

Well: JG STATE #006 API: 30-025-39934

Created By	Comment	Comment Date
NKRUEGER	C-144 to be emailed to Hobbs OCD.	10/7/2010
DMULL	OCD Hobbs has received form C-144CLEZ. OCD Permit Number P1-02546.	10/12/2010

# Permit Conditions of Approval Operator: CIMAREX ENERGY CO. OF COLORADO, 162683

JG STATE #006 Well: API: 30-025-39934

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