<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 124903

## 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. Opera CIMAREX ENE	<ol> <li>OGRID Number</li> <li>162683</li> </ol>		
600 N. Marienfeld St Midland, TX 79701		3. API Number 30-025-39991	
4. Property Code 38429	5. Property Name YOUNG 16 STATE COM	6. Wett No. 002	

#### 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	16	188	32E	N	330	S	2080	W	LEA

#### 8. Pool Information

YOUNG:BONE SPRING	65330
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#### Additional Well Information

9. Work Type New Well	10. Wett OIL				12. Lease Type State	13. Ground Level Elevation 3772		
14. Multiple N	15. Propos 131	ed Depth	(-	16. Formation Bone Spring		17. Contractor	18. Spud Date 2/1/2011	
Depth to Ground	water		D	istance from nearest :	fesh water well		Distance to nearest surface water	
Pit: Liner: Synthetic Closed Loop Syste		mils thick	Clay	Pit Volume:		lling Method: sh 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	17.5	13.375	48	1100	1300	0
Int1	12.25	9.625	40	3100	880	0
Prod	8.75	5.5	17	13199	2250	2900

Casing/Cement Program: Additional Comments

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	Cameran

I hereby certify that the information given of my knowledge and belief. I further certify that the drilling pit wi	55/65 25 5580 BA 15	OIL CONSERVATION DIVISION				
NMOCD guidelines , a general perm OCD-approved plan .		Approved By: Paul Kautz				
Printed Name: Electronically filed	by Zeno Farris	Title: Geologist				
Title: Manager Operations Admin	istration	Approved Date: 12/23/2010	Expiration Date: 12/23/2012			
Email Address: zfarris@cimarex.co	om					
Date: 12/22/2010	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

<u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170 <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

Form C-102 Permit 124903

## Energy, Minerals and Natural Resources

Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<ol> <li>API Number</li> <li>30-025-39991</li> </ol>			3. Pool Name IG;BONE SPRING	
4. Property Code	5. Property N	6. Wett No.		
38429	YOUNG 16 STA	002		
7. OGRID No.	8. Operator N		9. Elevation	
162683	CIMAREX ENERGY CO		3772	

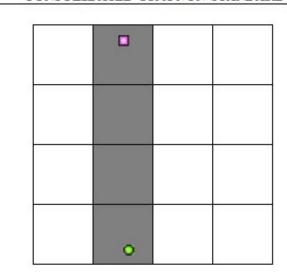
#### 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	16	188	32E	In the second of	330	S	2080	W	LEA

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

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	16	18S	32E	C	330	N	1980	W	LEA
	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: 12/22/2010

#### 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: 12/9/2010 Certificate Number: 7977

## **Permit Comments**

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: YOUNG 16 STATE COM #002

API: 30-025-39991

Created By	Comment	Comment Date
NKRUEGER	C-144 to be emailed to Hobbs OCD.	12/22/2010
NKRUEGER	C-102 and preliminary directional plan to be sent to Hobbs OCD.	12/22/2010
pkautz	Land S/S	12/23/2010
pkautz	Well number changed from 1 to 2 due to duplicate well number with API # 30-025- 37094 ok'd by email from NKRUEGER	12/23/2010

# **Permit Conditions of Approval**

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: YOUNG 16 STATE COM #002

API: 30-025-39991

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