### State of New Mexico

#### Form C-101 Permit 133657

### 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	or Name and Address RGY CO. OF COLORADO	2. OGRID Number 162683		
	7. Marienfeld St and, TX 79701	3. API Number 30-015-39158		
4. Property Code 38681	5. Property Name CHAPARRAL STATE	6. Weti No. 004		

### 7. Surface Location

	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
4	C	32	198	29E	C	330	N	1980	W	EDDY

### 8. Pool Information

WINCHESTER;BONE SPRING 65010

### Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable Rotary	12. Lesse Type State	13. Ground Level Elevation 3308
14. Multiple N	15. Proposed Dep 12877	h 16. Formation Bone Spring	17. Contractor	18. Spud Date 8/1/2011
Depth to Ground	water	Distance from nearest fresh water	r well	Distance to nearest surface water
Liner: Synthetic Closed Loop Syste	mils th	ck Clay Pit Volume: bbl	s Drifting Method:	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	300	300	0
Int1	12.25	9.625	40	3500	983	0
Prod	8.75	5.5	17	12877	725	3300

### Casing/Cement Program: Additional Comments

Complete drilling plan to be emailed to OCD office.

Proposed Blowout Prevention Program

Туре	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	Cameran

of my knowledge and belief.	nation given above is true and complete to the best illing pit will be constructed according to	OIL CONSERVATION DIVISION		
NMOCD guidelines , a g OCD-approved plan .	eneral permit , or an (attached) alternative	Approved By: Randy Dade		
Printed Name: Electroni	cally filed by Zeno Farris	Title: District Supervisor		
Title: Manager Operation	ons Administration	Approved Date: 6/30/2011	Expiration Date: 6/30/2013	
Email Address: zfarris@	cimarex.com			
Date: 6/27/2011	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 133657

# 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>30-015-39158</li> </ol>			3. Pool Name NCHESTER;BONE SPRING	
4. Property Code	5. Property Name		6. Wett No.	
38681	CHAPARRAL STATE		004	
7. OGRID No.	8. Operator	9. Elevation		
162683	CIMAREX ENERGY C	3308		

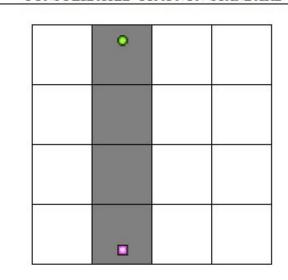
### 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	32	198	29E	100000000000000000000000000000000000000	330	N	1980	W	EDDY

### 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
N	32	198	29E	N	330	S	1980	W	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: 6/27/2011

### 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 L. Jones Date of Survey: 6/7/2011 Certificate Number: 7977

### **Permit Comments**

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: CHAPARRAL STATE #004

API: 30-015-39158

Created By	Comment	Comment Date
NKRUEGER	C-144, prelim, and C102 to be emailed to OCD office.	8/27/2011
Artesia	Land S/S	6/28/2011

# Permit Conditions of Approval Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: CHAPARRAL STATE #004

API: 30-015-39158

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
Artesia	Surface casing to be set above the salt zone