State of New Mexico

Form C-101 Permit 133772

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 ENE	tor Name and Address RGY CO. OF COLORADO	2. OGRID Number 162683	
	N. Marienfeld St land, TX 79701	3. API Number 30-015-39164	
4. Property Code 21729	5. Property Name PARKWAY STATE 17 COM	6. Wett No. 005	

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	17	198	29E	D	900	N	330	W	EDDY

8. Pool Information

SCANLON DRAW:BONE SPRING

Additional Well Information

	No.				
9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3377	
14. Multiple N	15. Proposed De 12292		16. Formation 17. Contractor Bone Spring		
Depth to Ground	water	Distance from nearest	t fresh water well	Distance to nearest surface water	
t: Liner: Synthetic Closed Loop Syste	mils t	nick Clay Pit Volume:	bbls Drilling Method: Fresh Water X Brine	Dieset/Oit-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	445	480	0
Int1	12.25	9.625	40	2500	1520	0
Prod	8.75	5.5	17	12292	2140	2300

Casing/Cement Program: Additional Comments

Complete drilling plan to be emailed to OCD.

Proposed Blowout Prevention Program

			6.2
Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	Cameran

ereby certify that the information given above is true and complete to the best my knowledge and belief. further certify that the drilling 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 Operations Administration		Approved Date: 6/30/2011	Expiration Date: 6/30/2013	
Email Address: zfarris@	cimarex.com			
Date: 6/29/2011 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 133772

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		Pool Name
30-015-39164	55510		AW;BONE SPRING
4. Property Code 21729	5. Property Name PARKWAY STATE 17 COM		6. Well No. 005
7. OGRID No. 162683	8. Operator Name CIMAREX ENERGY CO. OF COLORADO		9. Elevation 3377

10. Surface Location

UL - I	ot Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	17	198	29E	100000000000000000000000000000000000000	900	N	330	W	EDDY

11. Bottom Hole Location If Different From Surface

4.7	Fownship Range 198 29E	Lot Idn	Feet From 900	N/S Line	Feet From 330	E/W Line	County
12. Dedicated Acres	13. Joint or Infitt		Consolidation (35.75		15. Order No.	LDD1

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

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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: 6/29/2011

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: PARKWAY STATE 17 COM #005

API: 30-015-39164

Created By	Comment	Comment Date
NKRUEGER	C-144, prelim, and C-102 to be emailed to OCD.	6/29/2011
Artesia	Land S/S	6/30/2011

Permit Conditions of Approval

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: PARKWAY STATE 17 COM #005

API: 30-015-39164

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