# State of New Mexico

#### Form C-101 Permit 119165

# 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 EN	ator Name and Address ERGY CO, OF COLORADO	2. OGRID Number 162683	
	E 5TH STREET LSA, OK 74103	3. API Number 30-015-38087	
4. Property Code 38289	5. Property Name PARKWAY 12 STATE COM	6. Wett No. 002H	

## 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	12	198	29E	C	330	N	2130	W	EDDY

## 8. Pool Information

THREE TRACK BOST CORRECT	(0//0
TURKEY TRACK;BONE SPRING	60660

## Additional Well Information

9. Work Type	10. Well Type 11. Cable/Rotary OIL		12. Lesse Type	13. Ground Level Elevation	
New Well			State	3395	
14. Multiple	15. Proposed Depth	16. Formation			
N	12363	Bone Spring			
Depth to Ground	water	Distance from nearest fre	sh 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
Surf	17.5	13.375	48	450	520	0
Int1	12.25	9.625	40	2500	715	0
Prod	8.75	5.5	17	12363	2230	2300

## Casing/Cement Program: Additional Comments

Drill 8.75" hole to KOP @ 7630.' Drill through curve and to TD @ 12363' MD, 7950' TVD and set 5.5" casing from 0-12363.'
Complete details to be emailed to Artesia office.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	3000	Cameran

of my knowledge and belief.	n given above is true and complete to the best g pit will be constructed according to	OIL CONSERVATION DIVISION			
	al permit , or an (attached) alternative	Approved By: Randy Dade			
Printed Name: Electronically	filed by Zeno Farris	Title: District Supervisor			
Title: Manager Operations	Administration	Approved Date: 8/23/2010	Expiration Date: 8/23/2012		
Email Address: zfarris@mag	numhunter.com				
Date: 8/20/2010	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

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

Energy, Minerals and Natural Resources

Form C-102

Permit 119165

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

## WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-38087			3. Pool Name RACK;BONE SPRING	
4. Property Code	5. Property	6. Well No.		
38289	PARKWAY 12.5	002H		
7. OGRID No.	8. Operato	9. Elevation		
162683	CIMAREX ENERGY C	3395		

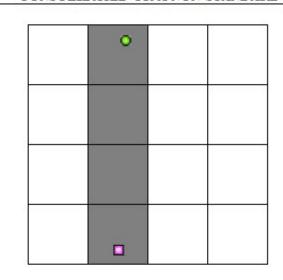
#### 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	12	198	29E		330	N	2130	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	12	198	29E	N	330	S	1980	W	EDDY
200000000000000000000000000000000000000	cated Acres 0.00	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: 8/20/2010

## 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: 5/18/2010 Certificate Number: 7977

# **Permit Conditions of Approval**

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: PARKWAY 12 STATE COM #002H

API: 30-015-38087

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