State of New Mexico

Form C-101 Permit 113618

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

	tor Name and Address RGY CO. OF COLORADO	OGRID Number 162683		
	SA, OK 74103	3. API Number 30-05-29133		
4. Property Code 36912	5. Property Name HORNET 24 STATE COM	6. Well No. 002H		

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	24	15S	31E	H	1980	N	330	E	CHAVES

8. Pool Information

WILDCAT G-05 \$1531110;ABO-WOLFCAMP

97715

Additional Well Information

9. Work Type	10. Well Type	11. Cable/Rotary	12. Lease Type	13. Ground Level Elevation	
New Well	OIL		State	4356	
14. Multiple	15. Proposed Depth	16. Formation	17. Contractor	18. Spud Date	
N	13395	Wolfcamp		6/1/2010	
Depth to Ground	water	Distance from nearest fi	resh 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	13.325	48	350	340	0
Int1	12.25	9.625	40	3950	572	0
Prod	8.75	7	26	8550	1020	1600
Liner1	6.125	4.5	11.6	13395	0	

Casing/Cement Program: Additional Comments

Cimarex proposes to drill 12½" hole to 3950' and if hole conditions permit, to trip out and drill 8¾" hole to TD and set 7" casing, thereby eliminating the intermediate casing string. If hole conditions do not permit, we will set 9-5/8" intermediate at 3950' as permitted. Production casing will be cemented with sufficient sx to reach surface.

Proposed Blowout Prevention Program

Туре	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	Cameran

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to	OIL CONSERVATION DIVISION			
NMOCD guidelines, a general permit, or an (attached) alternative OCD-approved plan.	Approved By: Paul Kautz			
Printed Name: Electronically filed by Zeno Farris	Title: Geologist			
Title: Manager Operations Administration	Approved Date: 5/11/2010 Expiration Date: 5/11/2012			
Email Address: zfarris@magnumhunter.com				
Date: 5/6/2010 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

Form C-102

Permit 113618

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.		Pool Name	
30-05-29133	97715 WILDCAT G-05 \$153		1531110;ABO-WOLFCAMP	
4. Property Code	5. Property Name		6. Well No.	
36912	HORNET 24 STATE COM		002H	
7. OGRID No.	8. Ope	9. Elevation		
162683	CIMAREX ENERGY CO. OF COLORADO 4356			

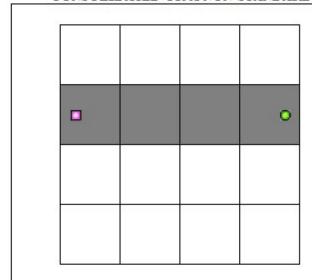
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	24	15S	31E	10.10.10	1980	N	330	E	CHAVES

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
E	24	15S	31E	E	1980	N	330	W	CHAVES
200000000	0.00	13. J	Joint or Infill	14	4. 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: 5/6/2010

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: Ronald J. Eidson Date of Survey: 11/15/2007 Certificate Number: 3239

Permit Comments

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: HORNET 24 STATE COM #002H

API: 30-05-29133

Created By	Comment	Comment Date
NKRUEGER	C-102, C-144, and preliminary directional survey will be emailed to Donna Mull.	5/6/2010
NKRUEGER	Cimarex Energy Co. of Colorado does not anticipate that there will be enough H2S from the surface to the Abo formation to meet the OCD's minimum requirements for the submission of a contingency plan for this test.	
DMULL	OCD Hobbs has received form C-144CLEZ "Pit Registration". OCD Permit Number P1- 02007.	5/11/2010
DMULL	OCD Hobbs has received hard copy of form C-102 and preliminary directional survey.	5/11/2010

Permit Conditions of Approval Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: HORNET 24 STATE COM #002H

API: 30-05-29133

OCD Reviewer	Condition
DMULL	Will require a directional survey with the C-104