# State of New Mexico

#### Form C-101 Permit 68571

# **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. Op	erator Name and Address	2. OGRID Number		
	IERGY CO. OF COLORADO	162683 3. API Number 30-015-36132		
	I. O'CONNOR BLVD. VING , TX 75039			
110	VIIIO , 12 75055			
4. Property Code	5. Property Name	6. Well No.		
36464	HOMER STATE COM	002		

## 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	2	25S	25E	L	1980	S	1250	W	EDDY

## 8. Pool Information

CHOSA DRAW;MORROW (GAS)	74900
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# **Additional Well Information**

	563						(I) K
9. Work Type New Well				11. Cable/Rotary		12. Lease Type State	13. Ground Level Elevation 3564
				16. Formation 17. Co			18. Spud Date 2/1/2008
Depth to Ground 300	Depth to Ground water 300			istance from neares	t fresh water w	•11	Distance to nearest surface water
ht: Liner: Synthetic Closed Loop Syste	m 🗙	mils thick	Clay	Pit Volume:		Drilling Method: Fresh Water Brine	Diesel/Oil-based Gas/Air

19. Proposed Casing and Cement Program

Туре	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	345	540	0
Int1	12.25	9.625	32	2400	900	0
Prod	8.75	4.5	11.6	11900	2200	2500

# Casing/Cement Program: Additional Comments

Complete mud, casing, cementing, and BOP details will be emailed to Bryan Arrant.

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: Bryan Arrant				
Printed Name: Electronically filed by Zeno Farris	Title: Geologist				
Title: Manager Operations Administration	Approved Date: 2/20/2008 Expiration Date: 2/20/2010				
Email Address: zfarris@magnumhunter.com					
Date: 2/19/2008 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

<u>District II</u>

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 68571

# Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr.

Santa Fe, NM 87505

### WELL LOCATION AND ACREAGE DEDICATION PLAT

1000					
1. API Number	2. Pool Code	3.1	Pool Name		
30-015-36132	74900	CHOSA DRAV	W;MORROW (GAS)		
4. Property Code	5. Property Name		6. Well No.		
36464	HOMER STA	HOMER STATE COM			
7. OGRID No.	8. Operator	8. Operator Name			
162683	CIMAREX ENERGY C	3564			

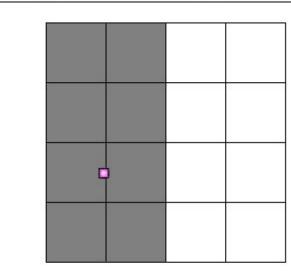
## 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	2	25S	25E		1980	S	1250	W	EDDY

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

UL - Lot	Section	T	wnship Range		Lot Idn 1		Feet From	N/S L	ine	Feet From	E/W Line	County
100000000000000000000000000000000000000	ated Acres		13. 3	Joint or Infill	or Infill		. Consolidation ( Communitization	367498			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: 2/19/2008

### 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: 2/5/2008 Certificate Number: 7977

# **Permit Comments**

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

30-015-36132 API:

Created By	Comment	Comment Date
NKRUEGER	C-144 and H2S statement will be emailed to OCD.	2/19/2008

# Permit Conditions of Approval

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

API: 30-015-36132

OCD Reviewer	Condition
BArrant	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
BArrant	Operator must use fresh water mud when drilling surface hole.