State of New Mexico

Form C-101 Permit 124812

Energy, Minerals and Natural Resources

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

	APPLICATION FOR	PERMIT TO DRILL	RE-ENTER, DEEPE	N. PLUGBACK, OI	R ADD A ZONE
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	or Name and Address CGY CO. OF COLORADO	OGRID Number 162683	
	. Marienfeld St and, TX 79701	3. API Number 30-015-38320	
4. Property Code 38427	5. Property Name MARACAS 22 STATE	6. Well No. 001	

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	22	17S	28E	H	2095	N	540	E	EDDY

8. Pool Information

EMPIRE; GLORIETA-YESO 96210

Additional Well Information

9. Work Type 10. Well Type New Well OIL		11. Cable/Rotary	12. Lesse Type State	13. Ground Level Elevation 3589
14. Multiple N	15. Proposed Dept 5000	h 16. Formation Blinebry	17. Contractor	18. Spud Date 1/15/2011
Depth to Ground	water	Distance from nearest fresh water	er well	Distance to nearest surface water
Liner: Synthetic Closed Loop Syste	mils the	ck Clay Pit Volume: bbl	s Drilling 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	12.25	8.625	24	400	1100	0
Prod	7.875	5.5	17	5000	1300	0

Casing/Cement Program: Additional Comments

Complete drilling plan to be sent to Artesia OCD.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer	
DoubleRam	5000	5000	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				
NMOCD guidelines , a gener OCD-approved plan .	al permit , or an (attached) alternative	Approved By: Randy Dade				
Printed Name: Electronically	y filed by Zeno Farris	Title: District Supervisor				
Title: Manager Operations	Administration	Approved Date: 12/27/2010	Expiration Date: 12/27/2012			
Email Address: zfarris@cim	arex.com	177	W2 (20)			
Date: 12/21/2010	Phone: 432-620-1936	Conditions of Approval Attac	ched			

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 124812

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 30-015-38320			Pool Name LORIETA-YESO
4. Property Code	5. Property	6. Wett No.	
38427	MARACAS 2	001	
7. OGRID No.	8. Operator		9. Elevation
162683	CIMAREX ENERGY CO		3589

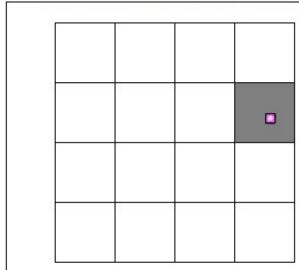
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	22	17S	28E		2095	N	540	E	EDDY

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County
2.000	cated Acres	13.	Joint 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: 12/21/2010

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: 10/5/2010 Certificate Number: 7977

Permit Comments

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: MARACAS 22 STATE #001

API: 30-015-38320

Created By	Comment	Comment Date	
Artesia	Land S/S	12/21/2010	

Permit Conditions of Approval Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: MARACAS 22 STATE #001

API: 30-015-38320

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