State of New Mexico

Form C-101 Permit 124861

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

	or Name and Address RGY CO. OF COLORADO	OGRID Number 162683	
	J. Marienfeld St and, TX 79701	3. API Number 30-015-38323	
4. Property Code 38428	5. Property Name MAYARO 22 STATE	6. Well No. 003	

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	22	17S	28E	I	1820	S	330	E	EDDY

8. Pool Information

EMPIRE; GLORIETA-YESO 96210

Additional Well Information

9. Work Type New Well	10. Weti Type OIL	11. Cable/Rotary	12. Lesse Type State	13. Ground Level Elevation 3584	
14. Multiple N	15. Proposed Dep 5000	th 16. Formation Blinebry	17. Contractor	18. Spud Date 1/15/2011	
Depth to Ground	water	Distance from nearest fresh	water well	Distance to nearest surface water	
Liner: Synthetic Closed Loop Syste	mils t	ick Clay Pit Volume:	bbls 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.	ion given above is true and complete to the best ng pit will be constructed according to	OIL CONSERVATION DIVISION		
	eral permit , or an (attached) alternative	Approved By: Randy Dade		
Printed Name: Electronical	lly filed by Zeno Farris	Title: District Supervisor		
Title: Manager Operations	Administration	Approved Date: 12/27/2010	Expiration Date: 12/27/2012	
Email Address: zfarris@ci	marex.com		\$2 \B \(\text{2}\)	
Date: 12/22/2010	Phone: 432-620-1936	Conditions of Approval Attac	hed	

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 124861

Energy, Minerals and Natural Resources Oil Conservation Division

1220 S. St Francis Dr. Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

CLE LOCATION IN D MOIS	CHOL DEDICHTION I	LILL	
2. Pool Code 3.		3. Pool Name	
96210 EMPIRE; C		LORIETA-YESO	
5. Property Name		6. Well No.	
MAYARO 22 STATE		003	
8. Operator Name		9. Elevation	
CIMAREX ENERGY CO	CIMAREX ENERGY CO. OF COLORADO 3584		
	2. Pool Code 96210 5. Property MAYARO 22 8. Operator	96210 EMPIRE; G 5. Property Name MAYARO 22 STATE 8. Operator Name	

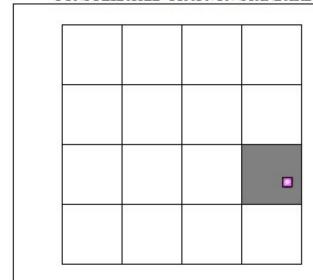
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	22	17S	28E	In the second of	1820	S	330	E	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
O	22	17S	28E	O	1820	S	330	E	EDDY
V. 100 100 100 100 100 100 100 100 100 10	cated Acres	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: 12/22/2010

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: 10/8/2010 Certificate Number: 7977

Permit Comments

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: MAYARO 22 STATE #003

API: 30-015-38323

Created By	Comment	Comment Date	
Artesia	Land S/S	12/22/2010	

Permit Conditions of Approval Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: MAYARO 22 STATE #003

API: 30-015-38323

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