

1. Operator Name and Address CIMAREX ENERGY CO. OF COLORADO 5215 N. O'CONNOR BLVD. IRVING , TX 75039		2. OGRID Number 162683
		3. API Number 30-015-36629
4. Property Code 37384	5. Property Name KOOPA 32 STATE COM	6. Well No. 001

UL - Lot A	Section 32	Township 16S	Range 29E	Lot Idn A	Feet From 360	N/S Line N	Feet From 330	E/W Line E	County EDDY
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WC:GLORIETA-YESO	96065
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9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3602
14. Multiple N	15. Proposed Depth 8492	16. Formation Paddock	17. Contractor	18. Spud Date 10/15/2008
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mls thick      Clay <input type="checkbox"/> Pit Volume:      bbls      Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14.75	11.75	42	430	430	0
Int1	11	8.625	24	1350	430	0
Prod	7.875	5.5	17	4300	1485	650
Liner1	4.75	2.875	6.5	8492	0	

Drill surface, intermediate, and pilot holes. Set whipstock plug in 5-1/2" casing and mill window from 3695' to 3705.' Kick off 4-3/4" lateral at 3700' and drill to TD of MD 8492' and TVD 4000.' Install 2-7/8" PEAK Completion Liner in the lateral, which will require no cement.

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	Cameron

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

Form C-102  
 Permit 82221

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-36629	2. Pool Code 96065	3. Pool Name WC;GLORIETA-YESO
4. Property Code 37384	5. Property Name KOOA 32 STATE COM	6. Well No. 001
7. OGRID No. 162683	8. Operator Name CIMAREX ENERGY CO. OF COLORADO	9. Elevation 3602

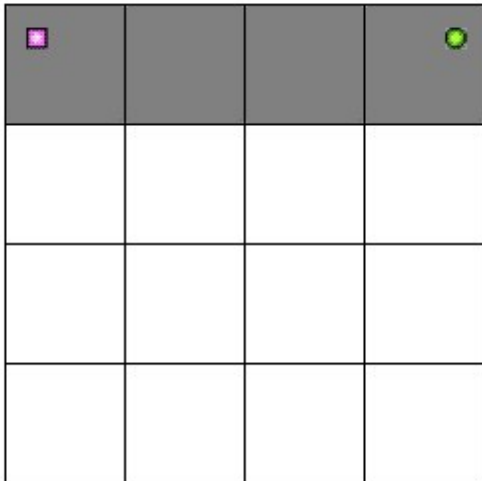
**10. Surface Location**

UL - Lot A	Section 32	Township 16S	Range 29E	Lot Idn	Feet From 360	N/S Line N	Feet From 330	E/W Line E	County EDDY
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**11. Bottom Hole Location If Different From Surface**

UL - Lot D	Section 32	Township 16S	Range 29E	Lot Idn D	Feet From 360	N/S Line N	Feet From 330	E/W Line W	County EDDY
12. Dedicated Acres 0.00		13. Joint or Infill		14. Consolidation Code Communitization		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**

	<b>OPERATOR CERTIFICATION</b>	
	<i>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.</i>	
	E-Signed By: Zeno Farris Title: Manager Operations Administration Date: 9/17/2008	
	<b>SURVEYOR CERTIFICATION</b>	
<i>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.</i>		
Surveyed By: Gary L. Jones Date of Survey: 9/4/2008 Certificate Number: 7977		

## Permit Comments

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683

Well: KOOPA 32 STATE COM #001

API: 30-015-36629

Created By	Comment	Comment Date
NKRUEGER	Mud, casing, cement, and BOP program, along with C-102, C-144, and preliminary directional survey, will be all emailed to Kimberly Wilson.	9/17/2008
NKRUEGER	Well is horizontal Glorieta-Yeso test with an SHL in UL A and a BHL in UL D. Therefore, it will require a lay-down 160-acre oil well spacing unit.	9/17/2008

# Permit Conditions of Approval

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683

Well: KOOPA 32 STATE COM #001

API: 30-015-36629

OCD Reviewer	Condition
TGUM	NOTE; TIE BACK CHANGE ON PRODUCTION CASING.