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| 1. Operator Name and Address CIMAREX ENERGY CO. OF COLORADO 600 N. Marienfeld St Midland, TX 79701 | | 2. OGRID Number 162683 |
| | | 3. API Number 30-015-38397 |
| 4. Property Code 38428 | 5. Property Name MAYARO 22 STATE | 6. Well No. 016 |

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|---------------|---------------|-----------------|--------------|--------------|-------------------|---------------|------------------|---------------|----------------|
| UL - Lot I | Section 22 | Township 17S | Range 28E | Lot Idn I | Feet From 2310 | N/S Line S | Feet From 810 | E/W Line E | County EDDY |
|---------------|---------------|-----------------|--------------|--------------|-------------------|---------------|------------------|---------------|----------------|

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|-----------------------|-------|
| EMPIRE: GLORIETA-YESO | 96210 |
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|--|----------------------------|--|-------------------------|------------------------------------|
| 9. Work Type New Well | 10. Well Type OIL | 11. Cable/Rotary | 12. Lease Type State | 13. Ground Level Elevation 3583 |
| 14. Multiple N | 15. Proposed Depth 5047 | 16. Formation Blinebry | 17. Contractor | 18. Spud Date 2/15/2011 |
| Depth to Ground water | | Distance from nearest fresh water well | | Distance to nearest surface water |
| Pit: Liner: Synthetic <input type="checkbox"/> mils 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 | 12.25 | 8.625 | 24 | 400 | 1100 | 0 |
| Prod | 7.875 | 5.5 | 17 | 5047 | 1300 | 0 |

Complete drilling plan, along with C-102, C-144, and preliminary directional plan, to be emailed to OCD.

| | | | |
|-----------|------------------|---------------|--------------|
| Type | Working Pressure | Test Pressure | Manufacturer |
| DoubleRam | 5000 | 5000 | Cameran |

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 125248

WELL LOCATION AND ACREAGE DEDICATION PLAT

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|-------------------------------|--|---------------------------------------|
| 1. API Number 30-015-38397 | 2. Pool Code 96210 | 3. Pool Name EMPIRE; GLORIETA-YESO |
| 4. Property Code 38428 | 5. Property Name MAYARO 22 STATE | 6. Well No. 016 |
| 7. OGRID No. 162683 | 8. Operator Name CIMAREX ENERGY CO. OF COLORADO | 9. Elevation 3583 |

10. Surface Location

| | | | | | | | | | |
|---------------|---------------|-----------------|--------------|---------|-------------------|---------------|------------------|---------------|----------------|
| UL - Lot I | Section 22 | Township 17S | Range 28E | Lot Idn | Feet From 2310 | N/S Line S | Feet From 810 | E/W Line E | County EDDY |
|---------------|---------------|-----------------|--------------|---------|-------------------|---------------|------------------|---------------|----------------|

11. Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|------------------------------|---------------|---------------------|--------------|------------------------|-------------------|---------------|------------------|---------------|----------------|
| UL - Lot I | Section 22 | Township 17S | Range 28E | Lot Idn I | Feet From 2310 | N/S Line S | Feet From 330 | E/W Line E | County EDDY |
| 12. Dedicated Acres 40.00 | | 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

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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: 1/4/2011

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 #016

API: 30-015-38397

| Created By | Comment | Comment Date |
|------------|----------|--------------|
| Artesia | Land P/S | 1/5/2011 |

Permit Conditions of Approval

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683

Well: MAYARO 22 STATE #016

API: 30-015-38397

| 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 |