

State of New Mexico
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. Operator Name and Address CIMAREX ENERGY CO. OF COLORADO 5215 N. O'CONNOR BLVD. IRVING, TX 75039 | | 2. OGRID Number 162683 |
| | | 3. API Number 30-015-37179 |
| 4. Property Code 34631 | 5. Property Name PARK STATE 36 COM | 6. Well No. 002 |

7. Surface Location

| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|
| D | 36 | 24S | 25E | D | 660 | N | 500 | W | EDDY |

8. Pool Information

| | |
|------------------|---|
| WILDCAT;DELAWARE | 0 |
|------------------|---|

Additional Well Information

| | | | | |
|--|----------------------------|--|-------------------------|------------------------------------|
| 9. Work Type New Well | 10. Well Type OIL | 11. Cable/Rotary | 12. Lease Type State | 13. Ground Level Elevation 3579 |
| 14. Multiple N | 15. Proposed Depth 9398 | 16. Formation Delaware | 17. Contractor | 18. Spud Date 8/15/2009 |
| 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"/> | | | | |

19. Proposed Casing and Cement Program

| Type | Hole Size | Casing Type | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
|--------|-----------|-------------|------------------|---------------|-----------------|---------------|
| Surf | 12.24 | 8.625 | 24 | 330 | 300 | 0 |
| Prod | 7.875 | 5.5 | 17 | 4877 | 400 | 0 |
| Liner1 | 4.75 | 2.875 | 6.5 | 9398 | 0 | |
| Prod | 7.875 | 2.875 | 2.18 | 5300 | 950 | 0 |

Casing/Cement Program: Additional Comments

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| Complete mud, casing, cementing, and BOP details will be emailed to Jacqui Reeves. |
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Proposed Blowout Prevention Program

| Type | 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 NMOCD guidelines <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by Zeno Farris Title: Manager Operations Administration Email Address: zfarris@magnumhunter.com Date: 7/7/2009 Phone: 972-443-6489 | OIL CONSERVATION DIVISION | |
| | Approved By: Jacqueta Reeves | |
| | Title: District Geologist | |
| | Approved Date: 7/24/2009 | Expiration Date: 7/24/2011 |
| | | |

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

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Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

Form C-102
Permit 98341

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|-------------------------------|--|----------------------------------|
| 1. API Number 30-015-37179 | 2. Pool Code | 3. Pool Name WILDCAT;DELAWARE |
| 4. Property Code 34631 | 5. Property Name PARK STATE 36 COM | 6. Well No. 002 |
| 7. OGRID No. 162683 | 8. Operator Name CIMAREX ENERGY CO. OF COLORADO | 9. Elevation 3579 |

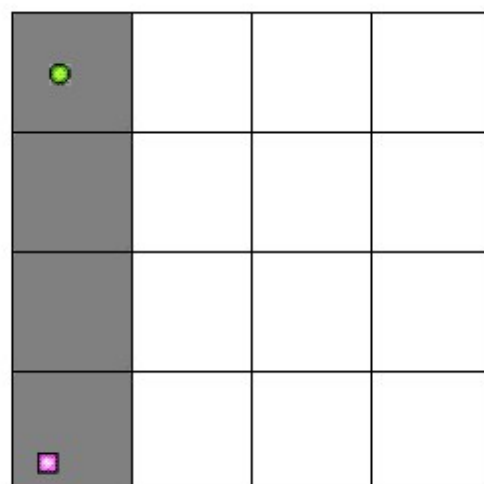
10. Surface Location

| | | | | | | | | | |
|---------------|---------------|-----------------|--------------|---------|------------------|---------------|------------------|---------------|----------------|
| UL - Lot D | Section 36 | Township 24S | Range 25E | Lot Idn | Feet From 660 | N/S Line N | Feet From 500 | E/W Line W | County EDDY |
|---------------|---------------|-----------------|--------------|---------|------------------|---------------|------------------|---------------|----------------|

11. Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|-------------------------------|---------------|---------------------|--------------|---|------------------|---------------|------------------|---------------|----------------|
| UL - Lot M | Section 36 | Township 24S | Range 25E | Lot Idn M | Feet From 330 | N/S Line S | Feet From 375 | E/W Line W | County EDDY |
| 12. Dedicated Acres 160.00 | | 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



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: 7/7/2009

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: 6/22/2009
Certificate Number: 7977

Permit Comments

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683

Well: PARK STATE 36 COM #002

API: 30-015-37179

| Created By | Comment | Comment Date |
|------------|---|--------------|
| NKRUEGER | C-144 and C-102 will be emailed to Jacqui Reeves. | 7/7/2009 |
| NKRUEGER | H2S statement to be emailed to Jacqui Reeves. | 7/7/2009 |