

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 15 E 5TH STREET TULSA, OK 74103 | | 2. OGRID Number 162683 |
| | | 3. API Number 30-05-29134 |
| 4. Property Code 36913 | 5. Property Name LEXINGTON 14 FEE | 6. Well No. 001H |

7. Surface Location

| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|
| M | 14 | 15S | 31E | M | 375 | S | 330 | W | CHAVES |

8. Pool Information

| | |
|------------------------------------|-------|
| WILDCAT G-05 S1531110;ABO-WOLFCAMP | 97715 |
|------------------------------------|-------|

Additional Well Information

| | | | | |
|--|-----------------------------|--|---------------------------|------------------------------------|
| 9. Work Type New Well | 10. Well Type OIL | 11. Cable/Rotary | 12. Lease Type Private | 13. Ground Level Elevation 4398 |
| 14. Multiple N | 15. Proposed Depth 13392 | 16. Formation Wolfcamp | 17. Contractor | 18. Spud Date 6/1/2010 |
| 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 | 17.5 | 13.325 | 48 | 350 | 340 | 0 |
| Int1 | 12.25 | 9.625 | 40 | 3950 | 572 | 0 |
| Prod | 8.75 | 7 | 26 | 8550 | 1020 | 1600 |
| Liner1 | 6.125 | 4.5 | 11.6 | 13392 | 0 | |

Casing/Cement Program: Additional Comments

Cimarex proposes to drill 12 1/4" hole to 3950' and if hole conditions permit, to trip out and drill 8 1/4" hole to TD and set 7" casing, thereby eliminating the intermediate casing string. If hole conditions do not permit, we will set 9 7/8" intermediate at 3950' as permitted. Production casing will be cemented with sufficient sx to reach surface.

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: 5/6/2010 Phone: 972-443-6489 | OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 5/11/2010 Expiration Date: 5/11/2012 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 113595

WELL LOCATION AND ACREAGE DEDICATION PLAT

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|------------------------------|--|--|
| 1. API Number 30-05-29134 | 2. Pool Code 97715 | 3. Pool Name WILDCAT G-05 S1531110;ABO-WOLFCAMP |
| 4. Property Code 36913 | 5. Property Name LEXINGTON 14 FEE | 6. Well No. 001H |
| 7. OGRID No. 162683 | 8. Operator Name CIMAREX ENERGY CO. OF COLORADO | 9. Elevation 4398 |

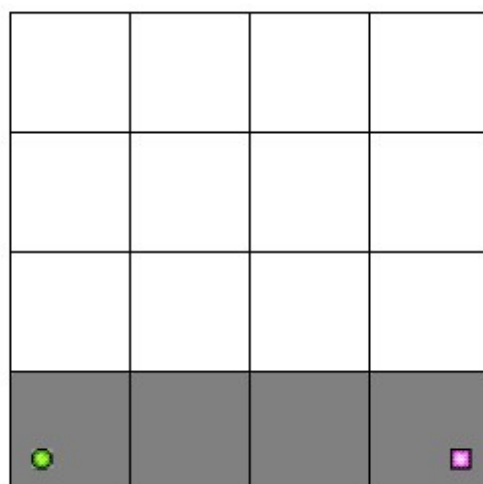
10. Surface Location

| | | | | | | | | | |
|---------------|---------------|-----------------|--------------|---------|------------------|---------------|------------------|---------------|------------------|
| UL - Lot M | Section 14 | Township 15S | Range 31E | Lot Idn | Feet From 375 | N/S Line S | Feet From 330 | E/W Line W | County CHAVES |
|---------------|---------------|-----------------|--------------|---------|------------------|---------------|------------------|---------------|------------------|

11. Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|--|---------------|---------------------|--------------|------------------------|------------------|---------------|------------------|---------------|------------------|
| 11. Bottom Hole Location If Different From Surface | | | | | | | | | |
| UL - Lot P | Section 14 | Township 15S | Range 31E | Lot Idn P | Feet From 375 | N/S Line S | Feet From 330 | E/W Line E | County CHAVES |
| 12. Dedicated Acres 160.00 | | 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



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: 5/6/2010

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: Ronald J. Eidson
Date of Survey: 11/17/2007
Certificate Number: 3239

Permit Comments

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683

Well: LEXINGTON 14 FEE #001H

API: 30-05-29134

| Created By | Comment | Comment Date |
|------------|---|--------------|
| NKRUEGER | C-144, C-102, and preliminary directional survey will be emailed to Donna Mull. | 5/6/2010 |
| NKRUEGER | Cimarex Energy Co. of Colorado does not anticipate that there will be enough H2S from the surface to the Abo formation to meet the OCD's minimum requirements for the submission of a contingency plan for this test. | 5/6/2010 |
| DMULL | OCD Hobbs has received form C-144CLEZ "Pit Registration". OCD Permit Number P1-02008. | 5/11/2010 |
| DMULL | OCD Hobbs has received hard copy of form C-102 and preliminary directional survey. | 5/11/2010 |

Permit Conditions of Approval

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683

Well: LEXINGTON 14 FEE #001H

API: 30-05-29134

| OCD Reviewer | Condition |
|--------------|--|
| DMULL | Will require a directional survey with the C-104 |