

OPERATOR'S COPY

Form 3160-3
(April 2004)

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. SHL LC-060850, BHL NM-0153474
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator Cimarex Energy Co. of Colorado		7. If Unit or CA Agreement, Name and No. Pending
3a. Address 600 N. Marienfeld St., Ste. 600; Midland, TX 79701		8. Lease Name and Well No. Independence 8 Federal Com No. 2
3b. Phone No. (include area code) 432-571-7800		9. API Well No. 30-005-
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At Surface 1830 FNL & 2310 FEL, 8-15S-31E At proposed prod. Zone 1980 FNL & 330 FEL, 9-15S-31E Horizontal Abo/Wolfcamp test		10. Field and Pool, or Exploratory Abo/Wolfcamp Wildcat
14. Distance in miles and direction from nearest town or post office*		11. Sec., T. R. M. or Blk. and Survey or Area SHL 8-15S-31E, BHL 9-15S-31E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line if any) 510	16. No of acres in lease LC-060850 - 442.24 NM-0153474 - 40	17. Spacing Unit dedicated to this well S2NE 8-15S-31E & S2N2 9-15S-31E 240 acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. N/A	19. Proposed Depth Pilot Hole 9100' MD 15766' TVD 8615'	20. BLM/BLA Bond No. on File NM-2575
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4436' GR	22. Approximate date work will start* 06.01.10	23. Estimated duration 25-30 days
24. Attachments ROSWell CONTROLLED WATER BASIN		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

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| 1. Well plat certified by a registered surveyor | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan | 5. Operator Certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Zeno Farris</i>	Name (Printed/Typed) Zeno Farris	Date 03.24.10
Title Manager Operations Administration		
Approved By (Signature) <i>Angel Mayes</i>	Name (Printed/Typed) <i>Angel Mayes</i>	Date 7/28/10
Title Assistant Field Manager, Lands And Minerals	Office ROSWELL FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

APPROVED FOR 2 YEARS

Conditions of approval, if any, are attached.

Title 18 U.S.S. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

DECLARED WATER BASIN

Oil Conservation Division
Case No. _____
Exhibit No. 2

SUBJECT TO
EQUIREMENTS AND
IPULATIONS ATTACHED

CASE NO. 133-
CASING MUST BE CIRCULATED
WITNESS

DISTRICT I
1825 N. French Dr., Hobbs, NM 88240

DISTRICT II
1861 W. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Alamo, NM 87410

DISTRICT IV
1829 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2006

Submit to Appropriate District Office

State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		Abo/Wolfcamp Wildcat
Property Code	Property Name	Well Number
	INDEPENDENCE "B" FEDERAL COM	2
ORD No.	Operator Name	Elevation
162683	CIMAREX ENERGY CO. OF COLORADO	4436'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	8	15 S	31 E		1830	NORTH	2310	EAST	CHAVES

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	9	15 S	31 E		1980	NORTH	330	EAST	CHAVES
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						
240		P							

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

<p>LC-060850</p> <p>LC-069832-B</p> <p>NM-0153474</p> <p>Proposed Producing Interval</p> <p>4436.8' 4436.8' 4436.8' 4436.8'</p> <p>2310' 7262.4' 330'</p> <p>SHL & PP Abo/Wolfcamp 1830 FNL & 2310 FEL</p> <p>EOC 1833 FNL & 2120 FEL</p> <p>BHL 1980 FNL & 330 FEL</p> <p>SURFACE LOCATION Lat - N 33°01'57.43" Long - W 103°50'34.64" NMSPC- N 739754.9 E 691621.0 (NAD-83)</p> <p>BOTTOM HOLE LOCATION Lat - N 33°01'55.93" Long - W 103°49'09.38" NMSPC- N 739635.303 E 698881.218 (NAD-83)</p>	<p>OPERATOR CERTIFICATION</p> <p>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 undivided mineral interest in the land including the proposed bottom hole 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.</p> <p>Zeno Farris 3/24/2010 Signature Date</p> <p>Zeno Farris Printed Name</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>DATE SURVEYED Signature of Professional Surveyor Certificate No. Gary L. Jones 7977</p> <p>Basin Surveys</p>
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