

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

HOBBS OCID

JUN 24 2013

5. Lease Serial No. NMNM063530
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. EAST LUSK 15 FEDERAL COM 3H
9. API Well No. 30-025-41179-00-X1
10. Field and Pool, or Exploratory LUSK
11. County or Parish, and State LEA COUNTY, NM

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

RECEIVED

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: PAULA BRUNSON E-Mail: pbrunson@cimarex.com	
3a. Address 600 NORTH MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-571-7848
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 15 T19S R32E SENE 2280FNL 330FEL	

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Change to Original APD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Cimarex Energy requests permission to pump a two-stage cement job on the East Lusk 15 Federal Com 3H due to seepage losses:

TD of the 12.25' hole will be at 4740'.

DV tool will be set at 3510' with casing packer set below it.

Stage 1 Volumes:

130 sks lead EconoCem - HLC + 5% Salt + 5 pps Kol-Seal - 12.9 ppg, 1.91 yld, 100% excess, TOC 3400'  
310 sks tail HalCem-C + 0.1% HR-800 - 14.8 ppg, 1.33 yld, 25% excess, TOC 3790'

Stage 2 Volumes:

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #211335 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs Committed to AFMSS for processing by CHRISTOPHER WALLS on 06/21/2013 (13CRW0056SE)</b>	
Name (Printed/Typed) PAULA BRUNSON	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 06/21/2013

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By CHRISTOPHER WALLS	Title PETROLEUM ENGINEER	Date 06/21/2013
Conditions of approval, if any, are attached. Approval of this notice 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.		Office Hobbs  Petroleum Engineer

Title 18 U.S.C. 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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

JUN 26 2013

**Additional data for EC transaction #211335 that would not fit on the form**

**32. Additional remarks, continued**

1050 sks lead EconoCem - HLC + 5% Salt + 5pps Kol-Seal - 12.9 ppg, 1.91 yld, 100% excess,  
TOC=surface  
100 sks tail HalCem-C - 14.8 ppg, 1.35 yld, 25% excess, TOC 3170?

## Conditions of Approval

1. The minimum required fill of cement behind the **9-5/8** inch intermediate casing is:

a. First stage to DV tool:

Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve circulation on the next stage.

b. Second stage above DV tool:

Cement to surface. If cement does not circulate, contact the appropriate BLM office.



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## BUREAU OF LAND MANAGEMENT

Carlsbad Field Office  
620 E. Greene  
Carlsbad, New Mexico 88220-6292  
www.nm.blm.gov



In Reply Refer to  
3162.4 (P0220)

June 20, 2013

MACK ENERGY CORPORATION  
P.O. BOX 960  
ARTESIA, NM 88210

Gentlemen:

Your Application for Permit to Drill (APD) for the well listed below has expired because drilling has not commenced per Onshore Order #1:

<u>LEASE</u>	<u>WELL NAME AND LOCATION</u>	<u>EXPIRATION</u>
NMLC029406B	GRACE MITCHELL B FEDERAL -12 1650' FNL & 1650 FEL, SWNE, sec. 5, T. 17 S., R. 32 E.	MAY 19, 2013

If the well has not been spud, but site construction activities have occurred please contact Jim Amos at (575) 234-5909 for surface reclamation instructions. If drilling operations have commenced send all necessary reports (spud, casing/cementing, etc., 1 original and 3 copies) to the BLM so we may correct our records.

If you wish to drill this wells at a later date, please submit a complete application (1 original and 3 copies) to this office. Since the original APD has expired, the resubmitted APD will be subject to all processing requirements including the \$6,500 application fee and the 30-day posting period. Please note on the resubmitted APD that it was previously approved and we will review the expired file for information which will help expedite the processing.

If you have any questions, please contact Johnny Dickerson at (575) 234-5914.

Sincerely,

George MacDonell  
Acting Assistant Field Manager, Lands & Minerals

cc: NMOCD



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<u>LEASE</u>	<u>WELL NAME AND LOCATION</u>	<u>EXPIRATION</u>
NMLC029406B	GRACE MITCHELL B FEDERAL -11 2310' FSL & 330 FEL, NESE, sec. 5, T. 17 S., R. 32 E.	MAY 19, 2013

If the well has not been spud, but site construction activities have occurred please contact Jim Amos at (575) 234-5909 for surface reclamation instructions. If drilling operations have commenced send all necessary reports (spud, casing/cementing, etc., 1 original and 3 copies) to the BLM so we may correct our records.

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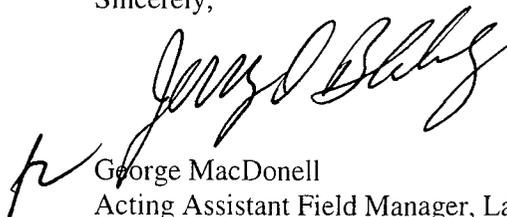
<u>LEASE</u>	<u>WELL NAME AND LOCATION</u>	<u>EXPIRATION</u>
NMLC029406B	GRACE MITCHELL B FEDERAL -13 1540' FNL & 490 FEL, SENE, sec. 5, T. 17 S., R. 32 E.	MAY 19, 2013

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