

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOCD
HOBBSFORM 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.

JAN 24 2012

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		8. Well Name and No SOUTHEAST LUSK 33 FEDERAL 2
2. Name of Operator CIMAREX ENERGY COMPANY		9. API Well No 30-025-40255
3a. Address 600 N MARIENFELD STREET, STE 600 MIDLAND, TX 79701		10. Field and Pool, or Exploratory LUSK, BONE SPRING NORTH
3b. Phone No. (include area code) Ph: 432-620-1936		11. County or Parish, and State LEA COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 33 T19S R32E Mer NMP NENE 530FNL 737FEL		

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 checked="" 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

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 recompleat 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 recompleat 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 Co. of Colorado received verbal approval @1500 hrs 1/15/12 for the following regarding cementing the 9-5/8" casing.

Cement details approved:
DV Tool and ECP @ 2900' (within 100').

Stage 1: Lead: 500 sx + additives @12.9 ppg, 1.88 yield, Tail: 200 sx + additives @ 14.8 ppg, 1.33 yield.

Stage 2: Lead: 950 sx + additives @ 12.9 ppg, 1.88 yield, Tail: 100 sx + additives @ 14.8 ppg 1.33 yield

If stage 1 cement does not circulate above the DV tool, a CBL will be ran on the intermediate

14. I hereby certify that the foregoing is true and correct.		Electronic Submission #128323 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Hobbs Committed to AFMSS for processing by DEBORAH MCKINNEY on 01/17/2012 ()	
Name (Printed/Typed)	TERRI STATHEM	Title	REGULATORY ANALYST
Signature	(Electronic Submission)	Date	01/16/2012
THIS SPACE FOR FEDERAL OR STATE OFFICE USE			
Approved By		Title	JAN 20 2012
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	WESLEY W. INGRAM 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.			

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

JAN 25 2012

Additional data for EC transaction #128323 that would not fit on the form

32. Additional remarks, continued

casing string.

South East Lusk 33 Federal 2
30-025-40255
Cimarex Energy Co. of Colorado
January 15, 2012
Conditions of Approval

Oral approval was granted at 1500 hours to perform two stage cement job on the 9-5/8" intermediate casing string. Operator shall submit a NOI sundry within 5 business days.

Operator has proposed ECP/DV tool at depth of 2900', but will adjust cement proportionately if moved. If DV tool cannot be set within 100' +/- of the proposed depth, operator shall contact BLM for 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 and operator shall run a CBL prior to running the production casing. **Excess calculates to 170%.**
 - b. Second stage above DV tool:
 - ☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office. **Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to Capitan Reef. Excess calculates to 61%.**
2. Cement on production casing shall come to at least 50' above the top of the Capitan Reef. Operator shall provide method of verification.

WWI 011512