

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.*

OOB Hobbs  
**HOBBS OGD**

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

**JAN 17 2013**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. HANSON 26 FEDERAL COM 2H
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: TERRI STATHEM E-Mail: tstathem@cimarex.com		9. API Well No. 30-025-40819-00-X1
3a. Address 600 NORTH MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 918-295-1763	10. Field and Pool, or Exploratory LEA Bone Spring S
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 26 T20S R34E NENW 530FNL 1930FWL		11. County or Parish, and State LEA COUNTY, NM

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 respectfully requests approval to change the drilling, casing and cement plans for the Hanson 26 Fed Com #2 as indicated below:

- 1) Rig Layout
  - a. The original APD has a Cactus 101 rig layout. Cactus 115 is scheduled to drill this well. *Identical Layout*
- 2) Proposed Drilling Plan
  - a. This well is not a planned pilot hole
- 3) Casing and Hole Size
  - a. Production Casing
    - i. 8-3/4" Hole Size

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #165931 verified by the BLM Well Information System  
For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs  
Committed to AFMSS for processing by KURT SIMMONS on 01/07/2013 (13KMS1575SE)**

Name (Printed/Typed) TERRI STATHEM	Title COORDINATOR REGULATORY COMPLIA
Signature (Electronic Submission)	Date 12/17/2012

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

Approved By <u>CHRISTOPHER WALLS</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>01/15/2013</u>
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 <i>Kz JAN 18 2013</i>

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.

**Additional data for EC transaction #165931 that would not fit on the form**

**32. Additional remarks, continued**

- ii. 5-1/2" 17# P-110 BTC from TD to 10,400'
- iii. 5-1/2" 17# P-110 LTC from 10,400' to surface

**4) Cementing**

**a. Intermediate Casing**

**i. Stage 1**

- 1. Lead: 300 sacks, 12.9 ppg, 1.88 yield
- 2. Tail: 250 sacks, 14.8 ppg, 1.33 yield

**ii. Stage 2**

- 1. DV tool and ACP set at +/- 3,500'
- 2. 1500 sacks, 12.9 ppg, 1.88 yield

\*\* This is the same design as the recently drilled XEC Lynch 23 Fed 3H, Lynch 23 Fed 4H, and Hanson 26 Fed 4H offset wells \*\*

**b. Production Casing**

- i. TOC: 4,980' (500' inside previous shoe).

**ii. Centralization**

- 1. Centralizers every joint in the curve and 1 every 4th joint from KOP to 500' inside previous shoe.