

OCD Hobbs

Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS OCD

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.*

DEC 01 2014

5. Lease Serial No.  
NMNM0559539

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

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

RECEIVED

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
JAMES FEDERAL 21H

2. Name of Operator  
CIMAREX ENERGY COMPANY OF CO  
Contact: HOPE KNAULS  
E-Mail: hknaults@cimarex.com

9. API Well No.  
30-025-41362-00-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  
SAND DUNES

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 29 T23S R32E NWNE 185FNL 1980FEL  
32.165630 N Lat, 103.414033 W Lon

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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A PD
	<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 CO. RESPECTFULLY REQUESTS APPROVAL FOR THE FOLLOWING CHANGES BELOW:

Due to lost circulation encountered at 7290', Cimarex requests the following.

Currently Approved:  
5.5" 20# L-80 Long String

Requested: **LTC**  
7" 32# L-80 Casing set at end of curve 9755' MD 9400 TVD  
LTC in vertical, BTC in curve  
DV Tool and ACP set at approximately 7000'  
Centralizers every other joint in curve, every 4 joints from KOP up to 9.625" intermediate casing

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #281254 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 11/25/2014 (15CRW0027SE)**

Name (Printed/Typed) HOPE KNAULS

Title REGULATORY TECH

Signature (Electronic Submission)

Date 11/24/2014

APPROVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

NOV 25 2014  
/s/ Chris Walls

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

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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 \*\*

DEC 02 2014

**Additional data for EC transaction #281254 that would not fit on the form**

**32. Additional remarks, continued**

shoe

Stage 1 Lead: 150 sx Tuned Light at 10.8 ppg, 2.7 yield

Stage 1 Tail: 210 sx PozH @ 14.5 ppg, 1.24 yield

Stage 2: 250 sx Tuned Light at 10.8 ppg, 2.7 yield

4.5" 13.5# L-80 BTC Liner set from 13980'-8850'

Equipped with Liner top Packer or Expandable Liner Hanger

320 sx PozH @ 14.5 ppg, 1.24 yield

No centralizers

Top of Cement 9655

9555

### Conditions of Approval

1. The minimum required fill of cement behind the 7 inch production casing is:

**Operator has proposed DV tool at a depth of 7000'. Operator is to submit sundry if DV tool depth varies by more than 100' from approved depth.**

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 should tie-back at least 200 feet into previous casing string. Operator shall provide method of verification.

2. The minimum required fill of cement behind the 4-1/2 inch production liner is:

Cement should tie-back at least 200 feet into previous casing string. Operator shall provide method of verification.