

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.

5. Lease Serial No.
NMNM43562

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
CASCADE 29 FEDERAL 5H

2. Name of Operator Contact: DEYSI FAVELA
CIMAREX ENERGY COMPANY OF CO-Mail: dfavela@cimarex.com

9. API Well No.
30-025-41243-00-X1

3a. Address
600 NORTH MARIENFELD STREET, SUITE 600
MIDLAND, TX 79701

3b. Phone No. (include area code)
Ph: 432-620-1964 **HOBBS OCD**

10. Field and Pool, or Exploratory
WC-025 G08 S253235G

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 29 T25S R33E NWNW 330FNL 500FWL

11. County or Parish, and State
LEA COUNTY, NM

JUN 20 2014

RECEIVED

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 A PD
	<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 Co. respectfully request changes to the original APD:

Approved:
from 13 3/8" 48# ST&C H-40 casing

Proposed:
13-3/8" 48# ST&C J-55 casing setting depth will remain unchanged (1039')

Add DV Tool ← Production
changes to well due to the seepage losses seen during the drilling of the offset wells. These changes will help to ensure cement is raised into the intermediate casing set at 4900'.

*if DV tool varies by more than 100' submit sundry.
2nd stage may need additional cement - 190 boxes*

14. I hereby certify that the foregoing is true and correct.
**Electronic Submission #249208 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs
Committed to AFMSS for processing by CATHY QUEEN on 06/12/2014 (14CQ0047SE)**

Name (Printed/Typed) DEYSI FAVELA Title DRILLING TECHNICIAN

Signature (Electronic Submission) Date 06/11/2014

APPROVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

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.

JUN 13 2014
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 ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

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JUN 24 2014

Additional data for EC transaction #249208 that would not fit on the form

32. Additional remarks, continued

Set DV tool with Annular Casing packer + 7000'.

Stage #1 Lead = 320 sx of 35:65 Poz/H+3%D20+1.2%D079+0.7%D112+0.2%D046+0.1%D065+0.6%D800+0.09%D208
Density = 11.90 ppg Yield = 2.33 cuft/sk. TOC @ 7000' (DV Tool)

Stage #1 Tail = 1,170 sx of 50:50 Poz/H + 0.2% D046+0.3%D167+0.1%D065+0.06%D208. Density = 14.50
ppg Yield = 1.3 cuft/sk TOT = 9,000'.

Stage #2 = 600 sx of 35:65 Poz/H+3%D20+1.2%D079+0.7%D112+0.2%D046+0.1%D065+0.6%D800+0.09%D208
Density = 11.90 ppg Yield = 2.33 cuft/sk. TOC @ 4,700'. 9-5/8" intermediate casing shoe set at
4900'.