

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM84729
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: DEYSI FAVELA Email: dfavela@cimarex.com		6. If Indian, Allottee or Tribe Name
3a. Address 600 NORTH MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-620-1964	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 14 T23S R32E NWNE 330FNL 2310FEL		8. Well Name and No. CUERVO FEDERAL 21H
		9. API Well No. 30-025-41495-00-X1
		10. Field and Pool, or Exploratory DIAMONDTAIL
		11. County or Parish, and State LEA COUNTY, NM

JUL 16 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original APD
	<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 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 respectfully requests to perform a 2 stage cement job on the 5.5" production casing, DV tool and Annular Casing Packer to be placed 7630' +/- 100'. Lost circulation was encountered at 8190'.

Stage 1 Lead Cement: 165 sx Tuned Light at 10.8 ppg, 2.77 yield, 15.32 gps mix water
Stage 1 Tail Cement: 1395 sx Versacem H at 14.5 ppg, 1.22 yield, 5.4 gps mix water
Stage 2 Cement: 460 sx Tuned Light at 10.8 ppg, 2.77 yield, 15.32 gps mix water



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

Electronic Submission #252493 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 07/11/2014 (14CRW0191SE)

Name (Printed/Typed) DEYSI FAVELA	Title DRILLING TECHNICIAN
Signature (Electronic Submission)	Date 07/10/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>EDWARD FERNANDEZ</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>07/13/2014</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

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 **

JUL 17 2014

[Handwritten signatures and initials]

CONDITIONS OF APPROVAL

Sundry dated 06/1/2014

OPERATOR'S NAME:	CIMAREX ENERGY
LEASE NO.:	NM84729
WELL NAME & NO.:	Cuervo Fed #21H 30-025-41495
SURFACE HOLE FOOTAGE:	330' FNL & 2310' FEL
LOCATION:	Section 14, T. 23 S., R. 32 E., NMPM+
COUNTY:	Lea County, New Mexico

The Original COA still stand with the following modifications and additions:

1. The minimum required fill of cement behind the 5-1/2" inch production casing is:

Operator has proposed DV tool at depth of 7630', Operator shall adjust cement proportionately if moved. DV tool shall be set a minimum of 50' below previous casing shoe.

- 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. **Additional cement will be required as excess calculates to 8%.**

- b. Second stage above DV tool:

Cement should tie-back at least 1300 feet into previous casing string. Operator shall provide method of verification. **Additional cement may be required as excess calculates to 24%.**

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