

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

NMOCD

5. Lease Serial/No.
NMM 184729

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	8. Well Name and No. CUERVO FEDERAL 21H
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: HOPE KNAULS E-Mail: hknauls@cimarex.com	9. API Well No. 30-025-41495-00-X1
3a. Address 600 NORTH MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701	10. Field and Pool, or Exploratory DIAMONDTAIL
3b. Phone No. (include area code) Ph: 918.295.1763	11. County or Parish, and State LEA COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 14 T23S R32E NWNE 330FNL 2310FEL	

NMOCD

FEB 13 2015

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	Drilling Operations
	<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.)

DRILLING AND COMPLETION OPERATIONS BELOW:

Drilling:
6-22-14 Spud well
6-23-14 TD 17-1/2 surface hole @ 1338'. Ran w/ 13 3/8, 48# J-55 csg & set @ 1338. Mix & pump lead: 800 sx Class C, 13.5 ppg, 1.72 yld; tail: 250 sx Class C, 14.8 ppg, 1.34 yld. Circ. 460 sx. WOC 8 hrs.
6-24-14 Test casing to 1500 psi for 30 min. OK.
6-28-14 TD 12-1/4 hole @ 4870. RIH w/ 9-5/8, 40#, J-55, LTC csg & set @ 4870.
6-29-14 Mix and pump lead: 1100 sx Class C, 12.9 ppg, 1.33 yld. Tail: 300 sx Class C, 14.8 ppg, 1.33 yld. Circ 307 sx. WOC 8 hrs.

14. I hereby certify that the foregoing is true and correct.		ACCEPTED FOR RECORD	
Electronic Submission #286570 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs Committed to AFMSS for processing by LINDA JIMENEZ on 01/20/2015 (15LJ0507SE)			
Name (Printed/Typed)	HOPE KNAULS	Title	REGULATORY TECH
Signature	(Electronic Submission)	Date	12/30/2014
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		FEB 12 2015	
Approved By		BUREAU OF LAND MANAGEMENT CARI BRADFIELD (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.		Title	
		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 **

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Additional data for EC transaction #286570 that would not fit on the form

32. Additional remarks, continued

6-29-14 Circ csg @ 4870?. Test lines to 3000#.

6-30-14 Test csg to 1500 psi for 30 min-OK.

7-8-14 TD 8-3/4 hole & curve @ 10125?. RIH w/ 8-1/2 bit drill lateral.

7-12-14 TD 8 1/2 hole @ 14045.

7-13-14 RIH w/ 5-1/2, 20#, L80, BTC/LTC csg & set @ 14036. DV Tool and ACP @ 7583.

7-14-14 Mix & pump 1st stage Lead: 165 sx Tuned light, 10.8 ppg, 2.8 yld, tail w/ 1365 sx VersaCem H, 14.5 ppg, 1.23 yld. Good returns. Open tool. Circ 65 bbls cmt off top of DV tool.

Mix and pump 2nd stage Lead: 580 sx tuned lite, 10.8 ppg, 2.78 yld. Good returns throughout job. Close stage tool. WOC.

7-15-14 Release rig.

COMPLETION:

7-30-14 RIH w/ RCBL ? TOC @ 2960. Test to 1000 psi for 30 min.

8-03-14 PBTD @ 13982. Test casing tp 7500# for 30 mins. OK. SI for frac.

8-17-14 to

8-26-14 Perf Bone Spring @ 9550-13970. Frac w/ 7086394 gals total fluid; 6026061 # sd.

8-27-14 Mill out plugs. CO to PBTD. Flowback.

9-02-14 RIH w/ 2-3/8 tbg, GLV & pkr and set @ 9231. GLV @ 1888, 2993, 3930, 4802, 5575, 6324, 7072, 7850, 8533, 9187. Turn well to production.