

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION

ARTESIA DISTRICT

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.*OCT 27 2014  
RECEIVED

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. NMNM130862
2. Name of Operator CIMAREX ENERGY COMPANY OF CO		6. If Indian, Allottee or Tribe Name
Contact: TERRI STATHEM E-Mail: tstatthem@cimarex.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-620-1936	8. Well Name and No. HASTA LA VISTA 1 DI FED COM 2H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 6 T20S R31E Lot 3 380FNL 2280FWL 32.363067 N Lat, 103.543449 W Lon		9. API Well No. 30-015-42541-00-X1
		10. Field and Pool, or Exploratory WILDCAT
		11. County or Parish, and State EDDY 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	
	<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 approval to skid the rig 30' and drill the Hasta La Vista 1 DI Fed Com #2Y well according to the attached directional plan. The proposed SHL: 410' FNL 2280' FWL.

Cimarex has also revised its casing and cement plan as indicated below. Cimarex will also extend the pad 35' North to allow for skid. *Not Approved to extend Pad South*

## History:

Hasta La Vista 1 DI Fed Com #2H: Drilled 12.25" hole to 2723'. Fish stuck from 2448' - 2658'. 210' of fish. Fish Detail: Bit, Mud Motor, IBS, Drift Survey Tool, 8" DC, IBS, 3x 8" DC, XO, 6.5" DC.

Plan to sidetrack around fish without cement. Drill to original plan hole section TD at 4100'. Will increase cement Stage 1 lead cement volume by 100 sx up to 408 sx to account for additional hole

Accepted for record  
NMOCD TESSEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

Electronic Submission #266177 verified by the BLM Well Information System

For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad

Committed to AFMSS for processing by CHRISTOPHER WALLS on 10/06/2014 (15CRW0006SE)

Name (Printed/Typed) TERRI STATHEM

Title COORDINATOR REGULATORY COMPLIA

Signature (Electronic Submission)

Date 09/26/2014

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>Stephen J. Kelly</i>	Title AFM	Date 10/6/14
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 CEO	

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 \*\*

**Additional data for EC transaction #266177 that would not fit on the form**

**32. Additional remarks, continued**

volume from original hole. Verbally approved by W. Ingram 8/31/14 @ 2100.

**Plugging information:**

Set a cement retainer at +/- 2100'. Mix and pump 850 sx of Class C Cement at 1.33 yield and 14.8 ppg. Pump 600 sx (798 cuft) below retainer and leave 250 sx (332 cuft) on top of retainer. This equals 920' of theoretical linear feet below the retainer and 382' above retainer. WOC and tag this plug (Notify BLM for witness)  
Set a cement plug from 600' to surface with 400 sx of Class C cement at 14.8 ppg. Verbal approval - JAMason 9-7-14.

**Proposed Casing & Cement:**

8.75" hole from 4100' ? 9180' MD  
7" 26# L-80 LTC Casing set at 9180' MD / 8800' TVD (End of Curve)  
Lead Cement: 370 sx, 11.9 ppg, 2.40 yield  
Tail Cement: 230 sx, 14.5 ppg, 1.24 yield  
TOC: 3600'

6" or 6.125" hole from 9180' ? 16,324'. Cement volume will be adjusted for hole size

Lateral to be drilled with OBM at 8.5-9.5 ppg

4.5" 11.6# P-110 BTC Liner set at 8200' ? 16408' MD

Lead Cement: None

Tail Cement: 560 sx, 14.5 ppg, 1.24 yield, 10% excess, TOC planned at ~~9180'~~

Liner will be equipped with liner hanger and liner top packer, or expandable hanger/packer.

2M BOP Annular only - for drilling below the 20" csg. 3M BOP below 13:375" and 9.625" csg.

**Mud Circ System proposal:**

Fresh Water for 12.25" hole section from 2250'-4100'.

Please see attached 3160-3, C102, directional plan, location layout, rig layout and BOP information.

8980 See COT