

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.*

HOBBS OCD  
DEC 04 2013  
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. NMNM127894
2. Name of Operator CIMAREX ENERGY COMPANY OF CO		6. If Indian, Allottee or Tribe Name
3a. Address 600 NORTH MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-620-1964		8. Well Name and No. DIAMONDTAIL 23 FEDERAL 1H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T23S R32E NWNW 330FNL 600FWL		9. API Well No. 30-025-40780-00-X1
		10. Field and Pool, or Exploratory DIAMONDTAIL
		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 respectfully requests changes to the original APD:

Plugging Plan:  
9-5/8" Casing set @ 4915'  
8-3/4" Pilot Hole planned to 12,600'

- Mix and Pump 800' balanced plug from 12,600'-11,800' with 300 sx of Class H Cement @ 15.6 ppg @ 1.2 yield.
- Run OH whipstock with 1000' of 2-7/8" tubing below whipstock. Whipstock set approximately 9,100' with EOT approximately 10,100'. Mix and pump 460 sx of Class H Cement @ 15.6 ppg @ 1.2 yield through end of tubing up to whipstock.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

**Electronic Submission #228231 verified by the BLM Well Information System  
For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs  
Committed to AFMSS for processing by WESLEY INGRAM on 11/27/2013 (14WWI0089SE)**

Name (Printed/Typed) DEYSI FAVELA	Title DRILLING TECHNICIAN
Signature (Electronic Submission)	Date 11/27/2013

APPROVED

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____	Date NOV 27 2013
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 _____

NOV 27 2013  
BUREAU OF LAND MANAGEMENT  
PARIS SPANISH 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 \*\***

DEC 09 2013

**Additional data for EC transaction #228231 that would not fit on the form**

**32. Additional remarks, continued**

Formation Tops  
Delaware 4980'  
Bone Spring 8750'  
Avalon Shale 9430'  
1st Bone Spring 9930'  
2nd Bone Spring 10625'  
3rd Bone Spring 11100'  
Wolfcamp 12380'

## Conditions of Approval

**Cimarex Energy Company  
Diamond Tail 23 Federal 1H  
API 30-025-40780  
T23S-R32E, Sec 23  
November 27, 2013**

**Pilot hole is required to have a plug at the bottom of the hole. If two plugs are set, the BLM is to be contacted (575-393-3612) prior to tag of bottom plug, which must be a minimum of 200' in length.**

**JAM 112713**