

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs

HOBBS OCD

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.*

MAY 13 2013

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

RECEIVED

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit or CA/Agreement, Name and/or No.
2. Name of Operator CIMAREX ENERGY COMPANY		8. Well Name and No. MALLON 33 FEDERAL 1
Contact: TERRI STATHEM E-Mail: tstatthem@cimarex.com		9. API Well No. 30-025-33738
3a. Address 600 N. MARIENFELD ST., SUITE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 918-295-1763	10. Field and Pool, or Exploratory QUALRIDGE BONE SPRINGS Lea Delaware NE
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 33 T19S R34E 1880FSL 560FEL		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 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 checked="" 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 plug back the Mallon 33 Federal #1 well according to the following procedure:

1. Abandon current Bone Springs perms (9668-74') ? Set cast iron bridge plug at 9618' and during 95' of cement on top of plug.
2. Pressure test casing
3. Perforate Brushy Canyon @ 7307-7326', and acidize with 800 gallons of 7.5% HCl NEFE acid.
4. Establish Brushy Canyon production.
5. Run composite bridge plug at 5830'. SI Brushy Canyon perms.
6. Perforate Cherry Canyon @ 5747-5752' & 5802-5812', and acidize with 700 gallons of 7.5% HCl NEFE acid.
7. Frac Cherry Canyon with gelled water and 20/40 Ottawa Sand

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL****SUBJECT TO LIKE  
APPROVAL BY STATE**

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #197591 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Hobbs Committed to AFMSS for processing by KURT SIMMONS on 02/11/2013 ()</b>	
Name (Printed/Typed) TERRI STATHEM	Title COORDINATOR REGULATORY COMPLIA
Signature (Electronic Submission)	Date 02/07/2013
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>	
Approved By _____	Title _____
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 _____	
Title 18 U.S.C. Section 1001 and Title 45 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.	

**APPROVED**

MAY 7 2013

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

JUN 05 2013

**Additional data for EC transaction #197591 that would not fit on the form**

**32. Additional remarks, continued**

8. Established Cherry Canyon production.
9. Request DHC approval upon results of Brushy Canyon and Cherry Canyon production.
10. DHC approval received - Drill out CBP and commingle Cherry and Brushy Canyon.
11. Return well to production.

## Conditions of Approval

Cimarex Energy Company  
Mallon 33 Federal 1  
API 30-025-33738  
T19S-R34E, Sec 33  
May 07, 2013

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MAY 13 2013

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**Prior to commencing any work, operator shall run a CBL and submit results to BLM for approval. No work will begin until approval to continue is granted.**

Notify BLM at 575-361-2822 a minimum of 24 hours prior to commencing work.

Work to be completed by August 07, 2013.

1. **Operator shall place a CIBP at 9618' and place 35' of cement on top of the plug. Tag required.**
2. **Operator shall place a balanced cement plug from 8,310'-8,130' to isolate the Bone Springs formation. Tag required. A minimum of 25 sx of cement is required for this procedure.**
3. Subject to like approval by the New Mexico Oil Conservation Division.
4. Surface disturbance beyond the existing pad must have prior approval.
5. A closed loop system is required. The operator shall properly dispose of drilling/circulating contents at an authorized disposal site. Tanks are required for all operations, no excavated pits.
6. Functional H<sub>2</sub>S monitoring equipment shall be on location.
7. A minimum of 3000 (3M) BOPE shall be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (3M) Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.

8. All waste (i.e. trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
9. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.
10. **Submit subsequent sundry required detailing work done and completion report for the new formation. Operator to include well plat and well bore schematic of current well condition when work is complete.**

**JAM 050713**