

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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. NMNM29228
2. Name of Operator CIMAREX ENERGY COMPANY OF CO		6. If Indian, Allottee or Tribe Name
Contact: PAULA BRUNSON E-Mail: pbrunson@cimarex.com		7. If Unit or CA/Agreement, Name and/or No NMNM128649
3a. Address 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-571-7848	8. Well Name and No BENSON 3 FED COM 8
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 3 T19S R30E NENE 375FNL 540FEL		9. API Well No. 30-015-37964-00-S1
		10. Field and Pool, or Exploratory LEO UNKNOWN
		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 Workover Operations
	<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 recomple 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 respectfully requests approval to add perfs and frac the above well according to the following procedure:

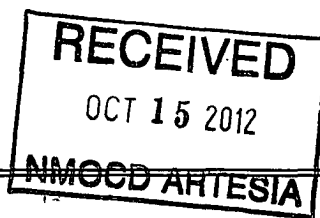
1. Pull and laydown rods and pump. NU BOP and pull tbq.
2. RIH to KOP @ 8214'.
3. Pull tbq & lay down tools.
4. PU composite BP & RIH to 8210'.
5. Set CBP @ 8210' and cap w/ 2 sxs sand.
(NOTE: Test casing to 8000 psi (80% of new burst rating) after setting plug. Pressure 5-1/2' x 9-5/8" annulus to 1000 psi prior to test.)
6. Pull and LD tubing and setting tools.
7. NU frac stack as required.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

Accepted for record

NMOC D105

10/15/2012



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

Electronic Submission #142477 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad

Committed to AFMSS for processing by BEVERLY WEATHERFORD on 07/11/2012 (12BMW0242SE)

Name (Printed/Typed) PAULA BRUNSON

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 07/09/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By (BLM Approver Not Specified)

Title

Date 10/11/2012

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 Carlsbad

APPROVED
OCT 11 2012
WESLEY W. INGRAM
PETROLEUM ENGINEER

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 #142477 that would not fit on the form

32. Additional remarks, continued

8. RU wireline and perforate Upper 2nd Bone Springs Sand:

8116-8122 12 holes

8127-8136 18 hole

8140-8145 10 holes

8149-8152 6 holes.

Total 46 holes.

9. Frac Upper 2nd BSS.

10. RIH w/ CBP & set @ 8000'.

11. Perf 1st Bone Springs Sand.

7570-7592 22 holes

7687-7694 7 holes

7738-7747 9 holes.

Total 38 holes.

12. Frac 1st BSS perfs.

13. RU coiled 2" tubing unit.

14. PU 4-3/4" bit on a mtr & RIH.

15. Drill CBP @ 8000' using FW & cleanout to top of CBP @ 8210'.

16. Flow well.

17. NU 7-1/16" 10K double ram BOP (2-7/8" pipe rams and blinds).

18. PU 4-3/4" bit and collars on 2-7/8" Hydril workstring.

19. RIH & clean out and drill out CBP @ 8210'.

20. Pull tbq & LD collars.

21. RIH w/ bit on workstring to KOP @ 8214'.

22. RU foam air unit and continue in hole, cleaning out lateral to PBTD of 12,928'.

23. Put well on Production.

Conditions of Approval

Cimarex Energy Company of Colorado

Benson 3 Fed Com 8

API 30-015-37964

T19S-R30E, Sec 03

October 11, 2012

1. The well is within the Lesser Prairie Chicken habitat, this workover activity will be restricted to the hours of 9:00am through 3:00am for the period of March 1 through June 15.
Exceptions to these restrictions may be granted by BLM's Johnny Chopp <jchopp@blm.gov> 575.234.2227 or Bob Ballard <bballard@blm.gov> 575.234.5973.
2. **Provide BLM with an electronic copy (Adobe Acrobat Document) of a cement bond log record from 8250' or below to top of cement. The CBL may be attached to an e-mail to pswartz@blm.gov. The CFO BLM on call engineer may be reached at 575-706-2779.**
3. Surface disturbance beyond the originally approved disturbance shall have prior approval.
4. 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.
5. Functional H₂S monitoring equipment shall be on location.
6. 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.
7. 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.
8. **Operator is exceeding the allowed 70% of the burst rating of the casing pursuant to Onshore Order 2. Since operator is holding pressure on the backside, the operator can proceed with their proposed pressure with the knowledge that they are exceeding the pressure approved in the regulations. Operator shall test casing to same pressure after completing fracture treatment to verify casing integrity above the perforated zones.**

9. **Due to the proximity of the perforations to the Delaware base, the operator will be required to tag fracture material with a tracer and run a tracer survey to verify that the fracture material is not placed out of zone. Results of the tracer to be reported on the workover subsequent sundry Form 3160-5.**
10. File **subsequent sundry Form 3160-5** within 30 days of completing work. Include new production test data on sundry.
11. Workover approval is good for 90 days (completion to be within 90 days of approval). A legitimate request is necessary for extension of that date.

PRS/WWI 101112

Access information for use of Form 3160-5 "Sundry Notices and Reports on Wells"

NM Fed Regs & Forms - http://www.blm.gov/nm/st/en/prog/energy/oil_and_gas.html

§ 43 CFR 3162.3-2 Subsequent Well Operations.

§ 43 CFR 3160.0-9 (c)(1) Information collection.

§ 3162.4-1 (c) Well records and reports.