

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

RECEIVED
APR 16 2012
NMOCD ARTESIA

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 NMNM19423
2. Name of Operator CIMAREX ENERGY COMPANY OF CO-Mail. zfarris@cimarex.com		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: 432-620-1938 Fx: 432-620-1940		8. Well Name and No COTTONWOOD DRAW 22 FEDERAL CO
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T25S R26E SESE 300FSL 793FEL 32.108867 N Lat, 104.274531 W Lon		9. API Well No. 30-015-39890-00-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"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Drilling Operations
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<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 recomplate 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 recomplate 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.)

Current Condition:

13.375" casing set at 455' and cemented to surface.
9.625" casing set at 1783' and cemented to surface.

5.5" 17# P-110 set at 12308' MD and cemented with Lead: 1110 sx Econocem + additives (12.9 ppg Wt 1.93 ft3/sx Yld) Tail: 1015 sx Versacem + additives (14.5 ppg Wt 1.22 ft3/sx Yld) Good circulation returns through out cement job but cement did not circulate

4-4-12 CBL indicated TOC 1400' with good cement to 1585' 200' to 383' tie-in to 9 5/8" intermediate casing (6145' MD above top perf). COA's state if cement not circulated to surface.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

APPROVED
APR 13 2012
[Signature]
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

Electronic Submission #135280 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 04/12/2012 (12KMS1610SE)

Name (Printed/Typed) ZENO FARRIS	Title MANAGER OPERATIONS ADMIN
Signature (Electronic Submission)	Date 04/12/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By EDWARD FERNANDEZ	Title PETROLEUM ENGINEER	Date 04/13/2012
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

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.

Additional data for EC transaction #135280 that would not fit on the form

32. Additional remarks, continued

determine TOC/consult with BLM and additional cement may be required.

1" or bradenhead sqz to bring cement to surface is not practical in this case. In order to protect the integrity of 5 5 casing we are requesting any remedial perf and squeeze operation be addressed at well abandonment.

Frac is scheduled on 4-16-12. See below frac summary

Well will be completed with an 8 stage plug and frac program from 7730' to 12308' MD. Average frac pressure is estimated to be 6000-7000 psi and we will not exceed 80% (8500 psi) of 5 5" burst rating.

-Prior to fracing 5.5" annulus will be pressured up to 500 psi for monitoring purposes. Stage 1 plug will be set at or near toe of lateral and a WIT will be preformed at approximately 7500 psi. After successful WIT stage 1 will be perfed and frac'd. Each successive stage will have WIT preformed before perf and frac. Any WIT failure will shut down frac job pending remediation plan.

CBL will be sent under sepearte cover to BLM.

Cimarex Energy Co. of Colorado

Conditions of Approval

Cottonwood Draw 22 Federal Com 12H

API: 30-015-39890

Eddy County, New Mexico

1. Approval to proceed with frac job and deal with lack of cement in annulus above 1585' at well abandonment.
2. Operator to provide pressure chart during the frac job to document wellbore integrity test and to hold pressure for a minimum of 10 minutes during the test period on subsequent sundry.
3. Operator to monitor well annulus between 5-1/3" csg and 9.625" csg during the life of the well.

EGF 041312