

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

OCD-HOBBS

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
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Cimarex Energy Co. of Colorado

3a Address
600 N. Marienfeld St., Ste. 600; Midland, TX 79701

3b Phone No. (include area code)
432-571-7800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1060 FSL & 1860 FWL 29-19S-34E

**UNORTHODOX
LOCATION**

5. Lease Serial No.

LC-068037

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Mescalero B 29 Federal No. 2

9. API Well No

30-025-39396

10. Field and Pool, or Exploratory Area

Quail Ridge; Bone Spring, S

11. County or Parish, 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 checked="" 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 type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, included 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 has changed surface and intermediate casing plans for this well as shown on the attached page.

RECEIVED

SEP 07 2010
HOBBSOCD

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Natalie Krueger

Signature

Title

Regulatory

Date

July 20, 2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ Don Peterson

Title **FIELD MANAGER**

Date **SEP 2 2010**

Office

CARLSBAD FIELD OFFICE

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.

Title 18 U.S.C. Section 1001, makes 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.

(Instructions on reverse)

3160-5 - Notice of Intent to Alter Casing

Cimarex Energy Co. of Colorado

Mescalero B 29 Federal No. 2

Unit N

Section 29

T19S R34E

Lea County, NM

9 Casing & Cementing Program:

Hole Size	Depth	Casing OD	Weight	Thread	Collar	Grade
17½"	0 to 1,600'	New 13⅝"	54.5#	8-R	STC	J-55
12¼"	0 to 5,380'	New 9⅝"	40#	8-R	LTC	N-80
7⅞"	0 to 10,400'	New 5½"	17#	8-R	LTC	N-80

10 Cementing & Setting Depth:

13⅝" Surface Set 1,600' of 13⅝" 54.5# J-55 STC
Lead: 900 sx Halliburton Light Premium Plus + 0.25# Poly-e-flake (wt 12.5, yld 1.97)
Tail: 200 sx Premium Plus + 1% CaCl (wt 14.8, yld 1.33)

TOC Surface

9⅝" Intermediate Set 5,380' of 9⅝" 40# N-80 LTC
Lead: 1980 sx Thixotropic + 10% Cal-Seal 60 + 0.25# Poly-e-flake (wt 14.0, yld 1.67)
Tail: 240 sx Premium Plus + 1% CaCl2 (wt 14.8, yld 1.33)

TOC Surface

5½" Production Set 10,400' of 5½" 17# N-80 LTC
Lead: 315 sx Interfill H + 0.1% HR-7 (wt 11.9, yld 2.45)
Tail: 600 sx Permian Basin Super H + 0.5% Halad-344 + 0.4% CFR-3 + 1# Salt + 5#
 Gilsonite + 0.125# Poly-e-flake + 0.2% HR-7 (wt 13.0, yld 1.67)

TOC 4,880'

Fresh water will be protected by setting 13⅝" casing at 1,600' and cementing to Surface
 Hydrocarbon zones will be protected by setting 9⅝" casing at 5,380' and cementing to Surface
 and by setting 5½" casing at 10,400' and cementing to 4,880

Cimarex uses the following minimum safety factors:

Burst	Collapse	Tension
1.125	1.125	1.80