

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

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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		NOV 12 2008
2 Name of Operator Cimarex Energy Co. of Colorado		
3a. Address PO Box 140907; Irving, TX 75014-0907	3b. Phone No (include area code) 972-401-3111	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL 990 FSL & 330 FWL BHL 660 FSL & 330 FEL 13-16S-28E		

5. Lease Serial No. NM-95630
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No. Pending
8. Well Name and No. Cave Lake 13 Federal Com No. 1
9 API Well No. 30-015-35879
10. Field and Pool, or Exploratory Area Crow Flats; Abo
11. County or Parish, 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 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 checked="" 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 Set surface & intermediate casing
	<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 recompleate 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 recompleation 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.)

01.25.08 Spudded 17½" hole.

01.26.08 Ran 13½" 48# H-40 STC casing to 366.' Cemented with 1st Lead 150 sx Thixotropic Premium Plus Class C + 40# Pheno-Seal Blend + 100# Cal-Seal 60 + 0.125# Poly-e-flake (wt 14.2, yld 1.64) and Second Lead 165 sx Premium Plus + Bentonite Bulk + 1% CaCl₂ Hi-test pellets + 0.125# Poly-e-flake (wt 13.7, yld 1.67) and Tail 220 sx Premium Plus (wt 14.8, yld 1.34). Ran temperature survey - TOC 230.' One-inched w/ 400 sx Premium Plus (wt 15, yld 1.67), tagged @ 93.' One-inched w/ 50 sx Premium Plus (wt 14.8, yld 1.34), tagged @ 48.'

01.27.08 Cemented to surface w/ 50 sx Premium Plus (wt 14.8, yld 1.34). WOC 45 hrs.

01.29.08 Pressure tested surface casing to 1000 psi for 30 minutes.

02.03.08 In 12½" hole, ran 9½" 40# J-55 LTC to 2478.' Cemented with Lead 900 sx Interfill C + 0.125# Poly-e-flake (wt 11.9, yld 2.45) and Tail 200 sx Premium Plus Class C + 1% CaCl₂ Hi-test pellets (wt 14.8, yld 1.33). Circulated 167 sx to surface. WOC 23.5 hrs.

02.04.08 Pressure tested intermediate casing to 1000 psi for 30 minutes.

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

Natalie Krueger
Signature

Title

Regulatory Analyst

Date

October 31, 2008

Approved by

ACCEPTED FOR RECORD

IS/DAVID R. GLASS

Title

Date

Conditions of Approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds title or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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<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 <u>Set production casing</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
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02.16.08 Reached TD of 8 3/4" hole (7199').

02.18.08 Ran 7" 26# P-110 LTC casing to 7190.' Cemented with Lead 450 sx Interfill H SBM + 0.1% HR-7 + 0.125# Poly-e-flake (wt 11.5, yld 2.76) and Tail 500 sx Permian Basin Super H + 0.5% Halad-344 + 0.25% D-AIR + 0.4% CFR-3 + 1# Salt + 5# Gilsontite + 0.125# Poly-e-flake + 0.35% HR-7 (wt 13.2, yld 1.61). Circulated 13 sx to surface.

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

Natalie Krueger
Signature

Title
Regulatory Analyst
Date
October 31, 2008

ACCEPTED FOR RECORD THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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<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 <u>Drilled lateral,</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>installed liner</u>
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02.19.08 Set whipstock plug @ 6546.'

02.20.08 Oriented whipstock and set @ 6530. Cut window in 7" casing - TOW 6528' BOW 6539.'

02.21.08 Kicked off 6 1/2" lateral @ 6539.'

02.23.08 After drilling to 6562' had to plug back due to tool face being oriented in the wrong direction. Tripped out to fill open hole with cement. Dump-bailed 2 sx cmt, then 2.5 sx more. Tagged @ 6545.' Dump-bailed 2.5 more sx, tagged @ 6515.'

02.24.08 Dressed cmt to 6525' and set 9 bbl cmt kick-off plug @ 6525.'

02.25.08 Dressed cmt to 6539.'

02.26.08 Set RBP @ 6502' w/ 5 sx sand.

02.27.08 Cut new window, TOW 6476' BOW 6492.'

02.28.08 Set whipstock @ 6478. Kicked off 6 1/2" hole @ 6492.'

03.14.08 Reached TD of 6 1/2" hole (MD 11210' TVD 6755').

03.19.08 Installed 4 1/2" 11.6# P-110 PEAK liner (see attached image). No cement.

03.22.08 Released rig.

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

Name (Printed/Typed)

Natalie Krueger

Signature

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Regulatory Analyst

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