



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

DEC - 4 2008

OCD-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. NM-94839
2. Name of Operator Cimarex Energy Co. of Colorado		6. If Indian, Allottee or Tribe Name
3a. Address PO Box 140907; Irving, TX 75014-0907	3b. Phone No. (include area code) 972-401-3111	7. If Unit or CA/Agreement, Name and/or No
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL 2310 FSL & 380 FEL 22-25S-26E BHL 330 FSL & 530 FEL		8. Well Name and No. Cottonwood Draw 22 Federal No. 2
		9. API Well No. 30-015-36757
		10. Field and Pool, or Exploratory Area Cottonwood Draw; Delaware
		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 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 checked="" type="checkbox"/> Other Alter Drilling
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Plans - use fiberglass casing
	<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 pilot hole and kickoff plans for the Cottonwood Draw 22 Federal No. 2 as shown on the attached page.

Original COA regarding contingency casing still applies

ACCEPTED FOR RECORD

DEC 4 - 2008

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Natalie Krueger		Title Gerry Guye, Deputy Field Inspector NMOCD-District II ARTESIA Regulatory Analyst
Signature <i>Natalie Krueger</i>		Date November 25, 2008
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by	Title	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.		

APPROVED

DEC Date 1 2008

WESLEY W. INGRAM
PETROLEUM ENGINEER

3160-5 Revised Drilling Plans
Cottonwood Draw 22 Federal No. 2
 Cimarex Energy Co. of Colorado
 30-015-36757 -- 22-25S-26E
 Eddy County, NM

Casing

<u>String</u>	<u>Hole Size</u>	<u>Csg Size</u>	<u>Csg Wt</u>	<u>Csg Grd</u>	<u>Collar</u>	<u>From</u>	<u>To</u>
Surface	12¼"	8⅝"	24#	J-55	LTC	0'	430'
Production	7⅞"	5½"	17#	J-55	LTC	0'	* 2725'
Lateral	4¾"	2⅞"	6.5#	L-80	EUE	2725'	4755'

* Intermediate casing to 2725' but hole depth is 3750' (2725' to 3750' with fiberglass tubing)

Cement

Surface Lead: 150 sx 10:2 RFC (Class A) + 4 pps D24 + 0.125 pps D130 (wt 14.20, yld 1.62)
Tail: 150 sx Class C + 2% S1 + 0.125 pps D130 (wt 14.80, yld 1.34)

Production Lead: 550 sx 50:50 Poz:Class H + 5% D44 (bwow) + 6% D20 + 0.2% D46 + 0.125 pps D130 (wt 11.90, yld 2.38)
Tail: 400 sx TXI Lightweight + 1.33% D44 (bwow) + 0.1% D167 + 0.1% D65 + 0.1% D13 (wt 13.00, yld 1.40)

Lateral Lateral liner will be PEAK completion assembly liner and will require no cement.

Drilling Plans

After drilling and setting surface casing, drill to vertical TD 3750' and log. Set 5½" casing to 2725' and cross over to 2⅞" 2000 psi IJ fiberglass tubing underneath (to 3750') and cement in place. Drill out of the bottom of the 5½" with a 4¾" bit and through cement and fiberglass tubing to KOP @ 2785' and kick off to drill the lateral. The fiberglass tubing effectively circulates cement to surface and plugs back the open hole.

We will no longer drill the pilot hole and plug back with cement plugs then use a whipstock to drill the lateral.

Kick off 4¾" hole @ 2785.' Drill to TD 4755.' Run 2⅞" PEAK liner from RSB packer @ 2685' to TD @ 4755.' Fracture treat through iso-ports using iso-packers.