

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**CCD-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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No.  NM-67994
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.  NM-87884
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) I-29-18S-33E 2130' FSL & 660' FEL		8. Well Name and No. Arco Federal 29 Com No. 1
		9. API Well No. 30-025-31537
		10. Field and Pool, or Exploratory Area Corbin; Wolfcamp, South
		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 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 checked="" type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>DHC Wolfcamp &amp; Bone Spring</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" 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 recomplete 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.)  
The Arco Federal 29 Com No. 1 is currently marginally producing from Corbin; Wolfcamp, South perfs @ 11136'-11280'. Cimarex proposes to re-enter, set a CBP @ 10115', and perform the following operations:

Perf Bone Spring 9946'-9957' and 9992'-9995' 3 spf, 120 degree phasing, 42 holes. TIH w/ 2-7/8" tbg to 9850 and pickle w/ 500 gal double-inhibited 15% HCl acid.

Acidize w/ 2000 gal 7.5% NeFe Gas Well Blend HCl & 65 ball sealers. Flowback/swab acid load. Run tubing, pump, and rods.

Turn over to production as a Corbin; Bone Spring, South oil well. Leave Corbin; Wolfcamp, South perfs-behind-CBP for consideration of future Bone Spring/Wolfcamp DHC.

Please see attached procedure and plat.

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

Natalie Krueger

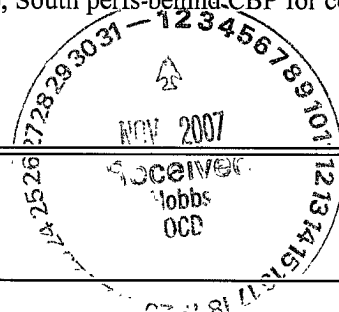
Signature

Title

Reg Analyst

Date

October 24, 2007



**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	APPROVED Date OCT 30 2007 WESLEY W. INGRAM PETROLEUM ENGINEER
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	

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)

GWW

**Arco Federal 29 Com #1  
BONE SPRING WORKOVER**

API # 30-025-31537  
2130' FSL & 660' FEL  
Section 29, 18S, R-33E  
Lea County, New Mexico

GL : 3774'  
KB : 3792'  
TD / PBD: 11,370' / 11,320'  
SURF CSG : 13-3/8" OD 48#/FT H-40 AT 385' W/ 410 SX. TOC 0' (CIRC 140 SX)  
INTER CSG: 8-5/8" OD 32#/FT J-55 AT 2959' W/ 1050 SX. TOC 0' (CIRC 165 SX)  
PROD CSG : 5-1/2" OD 17#/20# N-80 @ 11370' W/ 500 SX. OTOC 9220' (CBL)  
CASING LEAK IN '96 FROM 7255'-86' SQZ'D W/ 910 SX – **TOC 2998' (TS)**  
TUBING: 2-7/8" N-80 BURST = 10,570 PSI  
PERFS: WOLFCAMP 11,136'-11,280'

**NOTE: ALL WIRELINE WORK SHOULD BE CORRELATED TO ATLAS WIRELINE ACOUSTIC CBL LOG DATED 06/11/1992.**

OBTAIN WATER SAMPLE FROM WOLFCAMP PRIOR TO CLOSING WELL IN.

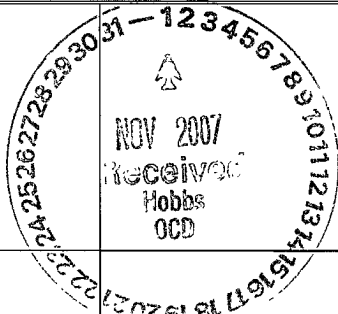
SPOT ONE FRAC TANK AND FILL WITH 450 BARRELS 7% KCL. SPOT FLOWBACK TANK. MIRU PU. TOOH W/ RODS AND PUMP. KILL TUBING AND CASING WITH 7% KCL WATER IF NECECCARY. ND TREE AND NU BOP. LOWER TUBING TO TAG PBD. TOH WITH TUBING STRING.

MIRU WIRELINE. RIH WITH 4.5" GR/JB TO 10140'. POH. RIH WITH CBP AND SET AT 10115'. LOAD HOLE WITH 7% KCL WATER AND TEST PLUG TO 500 PSI. (NOTE PREVIOUS CASING LEAK AT ~7300')

PERFORATE **BONE SPRING** AS FOLLOWS: 9946-57' AND 9992-95' (3 SPF, 120 DEGREE PHASING, 42 HOLES TOTAL). RDMO WIRELINE.

PICK UP AND TIH W/ PACKER AND 2-7/8" N-80 TUBING STRING (*ID = 2.441", DRIFT=2.347", BURST=10570 PSI, CAPACITY=0.2431 GAL/LF*) TO 9850'. TEST TUBING IN THE HOLE TO 6000 PSI. PICKLE TUBING WITH 500 GALLONS DOUBLE INHIBITED 15% HCL ACID. FLUSH WITH 45 BARRELS 7% KCL WATER. REVERSE OUT WITH 57 BARRELS 7% KCL WATER.

SET PACKER. SPOT 2000 GALLONS 7.5% NEFE GAS WELL BLEND HCL AND 65 BALL SEALERS TO PACKER. CLOSE BYPASS AND ACIDIZE PERFS, MAXIMIZING RATE. RECORD ISIP AND ONE SECOND DATA FOR ONE HOUR. FLOW/SWAB BACK ACID LOAD. IF WELL KICKS OFF FLOWING, NIPPLE DOWN BOPS AND NIPPLE UP WELLHEAD TO FLOW WELL. AFTER LOAD RECOVERED, OBTAIN WATER SAMPLE AND HAVE COMPLETE ANALYSIS RUN.

16						<p><b>17 OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</i></p> <p><u>Zeno Farris</u>      October 24, 2007</p> <p>Signature      Date</p> <p><u>Zeno Farris</u></p> <p>Printed Name</p>
						<p><b>18 SURVEYOR CERTIFICATION</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p>
					<p>660'</p> <p>2130'</p> <p>Arco Fed 29 Com #1</p>	<p>Certificate Number</p>