

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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.*

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

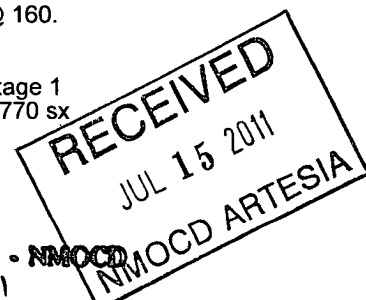
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM025559
2. Name of Operator CIMAREX ENERGY COMPANY OF CO		6. If Indian, Allottee or Tribe Name
Contact: NATALIE E KRUEGER E-Mail: nkrueger@cimarex.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-620-1936 Fx: 432-620-1940	8. Well Name and No. IRWIN 13 FEDERAL 2
4. Location of Well (Footage, Sec., T, R., M., or Survey Description) Sec 13 T19S R30E SESE 660FSL 125FEL		9. API Well No. 30-015-38099-00-S1
		10. Field and Pool, or Exploratory HACKBERRY
		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 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<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, including 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.)

03-16-11 Spud 17.5 inch hole. Ran 13.375 inch 48# H40 & K55 STC @ 500.  
03-17-11 Cemented with lead #1 200 sx RFC, Lead #2 250 sx C, and tail 220sx C, no circ. TS TOC 255. One-inched to 259 with 50 sx C, tagged @ 243. One-inched to 212 with 50 sx C, tagged @ 160. One-inched to 160 w/ 202 sx C, circ 21 sx. WOC 4 hrs to test BOP.  
03-18-11 Tested casing to 1250# for 30 min, ok.  
03-25-11 In 12.25 inch hole, ran 9.625 inch 40# J/K55 LTC @ 3997. DVT @ 2209 Cemented Stage 1 with lead 400 sx POZC, tail 220 sx C, opened DVT @ circ 20 bbls. Cemented Stage 2 with lead 770 sx POZC, tail 100 sx C, no circ. TS TOC 230.  
03-26-11 One-inched to 220 with 200 sx C Neat, circ 17 sx. WOC 34 hrs.  
03-27-11 Tested casing to 2800# for 30 min, ok. Began drilling with 8.75 inch bit.  
04-02-11 Kicked off 8.75 inch directional @ 8440.  
04-27-11 TD'd lateral @ 13480 MD, 8664 TVD.



Accepted for record - NMOCD  
DA 8-3-11

14. I hereby certify that the foregoing is true and correct Electronic Submission #111731 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 06/28/2011 (11KMS1948SE)	
Name (Printed/Typed) NATALIE E KRUEGER	Title REGULATORY
Signature (Electronic Submission)	Date 06/28/2011

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

Approved By <b>ACCEPTED</b>	JAMES A AMOS Title SUPERVISOR EPS	Date 07/03/2011
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 #111731 that would not fit on the form**

**32. Additional remarks, continued**

04-28-11 Ran 5.5 inch 17# P110 casing. LTC from 0-8270. BTC from 8270-9232, LTC from 9232-13480.  
04-29-11 Cemented with lead 690 sx 50/50 POZH, tail 1200 sx PVL. Calculated TOC 3016.  
04-30-11 Tested casing to 5000# for 30 min, ok. RR.