

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**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. NMNM025559
2 Name of Operator CIMAREX ENERGY COMPANY OF CO		6 If Indian, Allottee or Tribe Name
Contact: TERRI STATHEM E-Mail: tstatthem@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	8 Well Name and No. IRWIN 13 FEDERAL 4
4 Location of Well (Footage, Sec., T, R, M., or Survey Description) Sec 13 T19S R30E SESE 1300FSL 480FEL		9 API Well No. 30-015-38101-00-X1
		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 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 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 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.)

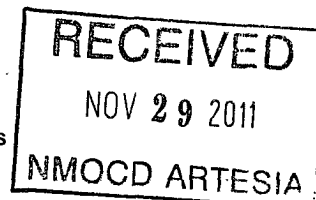
Cimarex contacted BLM regarding a waterflow @ the Irwin 13 Federal 1 well (3001537715) while drilling the Irwin 13 Federal 4 well intermediate hole.

Drilling 12-1/4" surface hole to 540'. RIH & set surface 13-3/8" surface casing @ 519'. Circ 5 bbls cement to surface on 11/17/2011.

Drilling 12-1/4" hole to 555' encountered air pocket, continued drilling to 560' encountered second air pocket. Waterflow was discovered at the Irwin 13 Federal #1 well @ surface. A plugoff of the waterflow pathway was requested as follows:

1. Mix and pump 500 sx bradenhead squeeze. WOC. Tag & drill out.
2. Continue drilling 12-1/4" hole, if additional air pockets encountered and water @ surface of the Irwin 13 Federal #1 the BLM will be contact to request additional 500 sx bradenhead squeeze jobs

Accepted for records
NMOCD
DEC 05 2011



14 I hereby certify that the foregoing is true and correct. Electronic Submission #123733 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 11/23/2011 (12KMS0410SE)	
Name (Printed/Typed) TERRI STATHEM	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 11/21/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By WESLEY INGRAM	Title PETROLEUM ENGINEER	Date 11/23/2011
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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #123733 that would not fit on the form

32. Additional remarks, continued

to plug off waterflow.

BLM Contact: Legion Brumley 11/20/2011.



DRILLING PROGNOSIS **Cimarex Energy Company**

Remedial Cement Plan

11/20/2011

Well: Irwin 13, Federal #4
 Location: sec 13, 19S-30E
 County, State: Eddy County, NM
 Surface Location: 1300 FSL, 480 FWL
 Bottomhole Loc: 330 FNL, 2340 FWL
 E-Mail: wellsite10@cimarex.com
 Wellhead: SEC A: 13-3/8" 3M X 13-3/8" SOW
 SEC B: 13-5/8" 3M X 7-1/16" 5M
 Xmas Tree: 5M
 Tubing: 2 7/8" L80 EUE
 Superintendent: Dee Smith
 Engineer: Art Metcalfe (432) - 269 - 9042

API number: 30-015-38101
 Lse/Serial #: NMNM025559
 Field: Hackberry, Bone Spring, NW
 Objective: 2nd Bone Spring
 TVD/MD: ±8700 / ±13,132
 Elevation: 3,409'
 Cementing: Halliburton
 Mud: (M)
 Motors: Baker
 OH Logs: Halliburton
 Rig: Key 884
 Offset Wells:

