

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**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.*

5. Lease Serial No.  
NMNM41645

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
FEDERAL 13 COM 4

2. Name of Operator Contact: AMITHY CRAWFORD  
CIMAREX ENERGY CO. OF COLORADO Email: acrawford@cimarex.com

9. API Well No.  
30-015-34199

3a. Address 3b. Phone No. (include area code)  
202 S. CHEYENNE AVE STE 1000 Ph: 432.620.1909  
TULSA, OK 74103

10. Field and Pool or Exploratory Area  
CISCO CANYON; WOLFCAMP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 13 T25S R26E 1620FNL 1400FEL

11. County or Parish, State  
EDDY COUNTY, NM

**12. CHECK THE 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"/> Hydraulic Fracturing	<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 type="checkbox"/> Other
	<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, including 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Federal 13 Com #4  
Plugback/Recompletion Ops

11/17/2016- Set CIPB @ 11443' mix and pump 45' on top of CIPB.  
11/18/2016- Ran in hole with 5 1/2" CIBP set at 11162' with 25 sacks on top.  
12/16/2016- Pressure test casing to 8500 psi. Chart for 30 min. Saw 250 psi drop after 30 min from 8500psi to 8250 psi. Good Test.  
12/23/2016- Perforate Shoot Cisco Canyon perms from 10143'-10351' 37 Total shots. Acidize and Frac Stage 1 with 2000 gal 15% HCL acid, 471157 gal slickwater, and 551019 # sand.  
12/29-30/2016- Perforate wolfcamp perms @ 10086'-9894'. 203 Total Shots. Acidize and frac with 10000 gal 15% HCL Acid, 2108748 gal slickwater, and 2523726# sand.  
12/31/2016- Dig out plugs and Co to PBTD at 10865'

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
JUN 01 2017  
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14. I hereby certify that the foregoing is true and correct.  
Electronic Submission #373054 verified by the BLM Well Information System  
For CIMAREX ENERGY CO. OF COLORADO, sent to the Carlsbad

Name (Printed/Typed) AMITHY CRAWFORD Title REGULATORY ANALYST

Signature (Electronic Submission) Date 04/17/2017

**THIS SPACE FOR FEDERAL OR STATE OFFIC**

Approved By \_\_\_\_\_ Title \_\_\_\_\_  
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 \_\_\_\_\_

Pending BLM approvals will subsequently be reviewed and scanned

SC 6-7-17

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 #373054 that would not fit on the form**

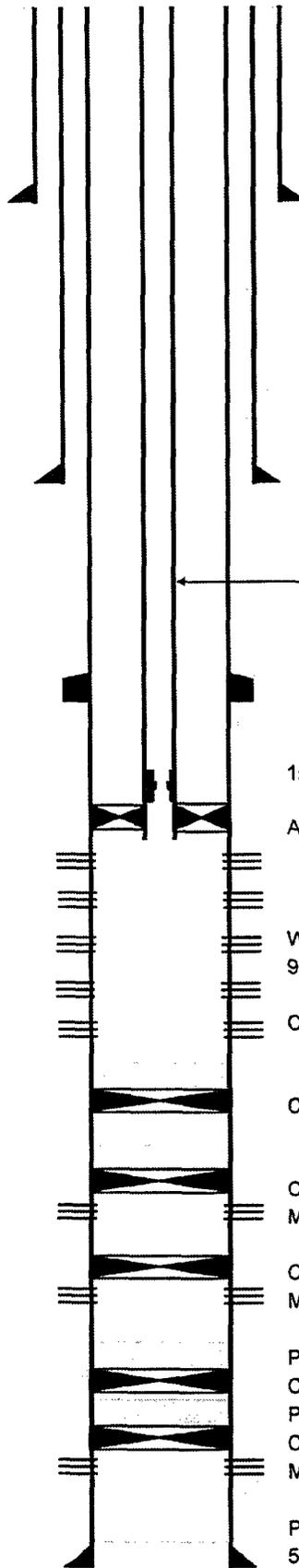
**32. Additional remarks, continued**

1/11/2017- RIH with On/Off tool overshot, 2 3/8" tubing with GLVs set at 8598'



Post RC WBD  
KB - 19' above GL

Cimarex Energy Co. of Colorado  
Federal 13 Com #4  
1620' FNL & 1400' FEL  
Sec. 13, T-25-S, R-26-E, Eddy Co., NM  
M. Karner 2/21/2016



13-3/8", 48# H-40 csg @ 209'  
cmtd w/ 230 sx, cmt circ

TOC @ 1700' by CBL

9-5/8", 40# J-55 csg @ 3000'  
cmtd w/ 940 sx, cmt circ

271 jts 2-7/8" 6.5# L-80 Tbg

DV Tool @ 8027'  
cmtd w/ 1230 sx

1st stage cmt job reaches DV tool as per Radial CBL 11/30/05

AS-1X Packer @ 8,597'

Wolfcamp perms (8,646' - 8,879', 9,084' - 9,266',  
9,371' - 9,561', 9,619' - 9,835', 9,894' - 10,088')

Cisco Canyon perms (10,143' - 10,351')

CIBP set at 11,162' with 25 sx pumped on top

CIBP set 11,443' with 35' of cement bailed on top  
Morrow perms (11493' - 11509')

Composite BP @ 11545'  
Morrow perms (11577' - 11585')

PBTD @ 11635'  
CIBP @ 11645'  
PBTD @ 11680'  
CIBP @ 11690'  
Morrow perms (11731' - 11754')

PBTD @ 12244'  
5-1/2" 17# P-110 @ 12358' cmtd w/ 955 sx, cmt circ  
TD @ 12373'

OIL CONSERVATION  
ARTESIA DISTRICT

JUN 01 2017

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