

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTNMOCD  
NMOCD  
ArtesiaFORM 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.***SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC065347
2. Name of Operator CIMAREX ENERGY CO OF COLORADO Contact: AMITHY E CRAWFORD Email: acrawford@cimarex.com		6. If Indian, Allottee or Tribe Name
3a. Address 202 S. CHEYENNE AVE STE 1000 TULSA, OK 74103	3b. Phone No. (include area code) Ph: 432-620-1909	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 19 T24S R26E 2270FNL 380FEL		8. Well Name and No. ESTILL AD FEDERAL 2
		9. API Well No. 30-015-33336
		10. Field and Pool or Exploratory Area CISCO CANYON; WOLFCAMP
		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.

Estill AD Federal #2 - Cisco Canyon/Wolfcamp Recompletion  
Plugback/Recompletion Ops  
DHC # 4801

AC 9-13-17  
Accepted for record - NMOCD

3/30/2017- RIH with RBP and set at 9926'. Pressure test casing to 8500. Good Test. Release RBP.  
5/1/2017-Perforate Cisco Canyon from 10215'-9947'. 172 holes. .42. Frac with 542363 gal frac fluid and 598052 lbs total prop.  
5/2/2017 to 5/5/2017- Perforate Wolfcamp from 9756'-8418'. 272 holes. .42. Frac with 2163848 gal frac fluid and 2781263 lbs total prop.  
5/11/2017- RIH 2 3/8" tubing packer and GLVs set at 8368'.  
5/12/2017- Turn well over to production.

NM OIL CONSERVATION  
ARTESIA DISTRICT

SEP 13 2017

RECEIVED

14. I hereby certify that the foregoing is true and correct. Electronic Submission #386964 verified by the BLM Well Information System For CIMAREX ENERGY CO OF COLORADO, sent to the Carlsbad Committed to AFMSS for processing by JENNIFER SANCHEZ on 08/31/2017 ()	
Name (Printed/Typed) AMITHY E CRAWFORD	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 08/30/2017
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
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	
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.	

(Instructions on page 2)

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***



KB - 23' above GL

**Cimarex Energy Co. of Colorado**

Estill AD Federal #2

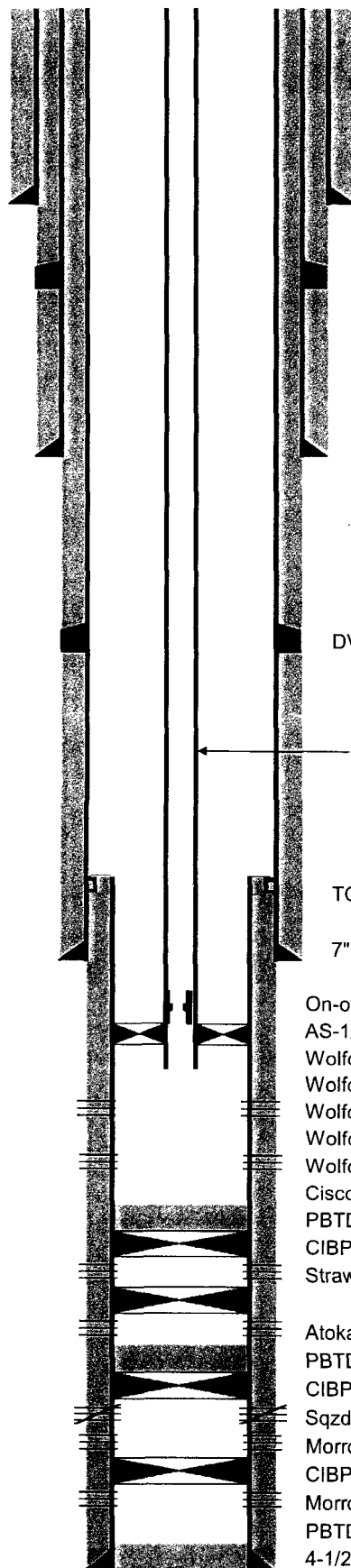
SHL - 2270' FNL & 380' FEL

BHL - 1588' FNL & 957' FEL

Sec. 19, T-24-S, R-26-E, Eddy Co., NM

S. Runyan

7/20/2017



13-3/8", 54.5# J-55 csg @ 352'  
cmtd w/ 450 sx, cmt circ

DV Tool @ 1017'  
cmtd w/ 410 sx, 1" to surface w/ 638 sx

9-5/8", 40# NS-110HC csg @ 1567'  
cmtd w/ 170 sx, cmt circ

DV Tool @ 4809'  
cmtd w/ 575 sx, cmt circ

2-3/8" 4.7# L-80 8rd EUE Tbg

TOL @ 7247'

7", 23# NS-110HC csg @ 8012'  
cmtd w/ 400 sx, cmt circ

On-off Tool w/ 1.875" Profile Nipple @ 8,361'

AS-1X pkr @ +/- 8368'

Wolfcamp perfs (8418' - 8675')

Wolfcamp perfs (8989' - 9290')

Wolfcamp perfs (9310' - 9493')

Wolfcamp perfs (9575' - 9736')

Wolfcamp perfs (9756' - 9915')

Cisco Canyon perfs (9947' - 10,215')

PBTD @ 10365'

CIBP @ 10400'

Strawn perfs (10441' - 10451')

Atoka perfs (11076' - 11090')

PBTD @ 11515'

CIBP @ 11550'

Sqzd Morrow perfs (11600' - 11616')

Morrow perfs (11706' - 11718')

CIBP @ 11850'

Morrow perfs (11911' - 11968')

PBTD @ 12250'

4-1/2" 11.6# HCP-110 FJ @ 12300' cmtd w/ 475 sx  
TD @ 12300'