

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.
NMNM28172

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
ADIRANNE 6 FEDERAL 1

2. Name of Operator
CIMAREX ENERGY CO. Contact: AMITHY E CRAWFORD
E-Mail: acrawford@cimarex.com

9. API Well No.
30-015-34319

3a. Address
202 S. CHEYENNE AVE STE 1000
TULSA, OK 74103

3b. Phone No. (include area code)
Ph: 432-620-1909

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 6 T25S R26E 200FNL 1700FWL

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 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 must 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 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.

Adrienne 6 Federal #1
Plugback/Recompletion Ops

- 11/23/2016- Ran in hole with 5 1/2" CIBP set at 10815' with 25 sacks on top. Calc TOC 10587'
- 11/24/2016- Pressure test 5 1/2" casing to 8500 psi for 30 min.
- 12/14/2016- Perforate Cisco Canyon formation from 10304'-10197' 34 Total shots. Acidize and Frac with 2000 gal 15% HCL acid, 443941 gal slickwater, 496782# sand
- 12/15-16/2016- Perforate wolfcamp formation @ 10144'-8446'. 193 Total Shots. Acidize and frac with 10000 gal 15% HCL Acid, 1947339 gal slickwater, 2480660 # sand.
- 12/20/2016- Drill out plugs and Co to PBTD at 10578'
- 12/28/2016- RIH with On/Off tool overshot, 2 3/8" tubing with GLVs and set at 8399'

NM OIL CONSERVATION
ARTESIA DISTRICT

JUN 01 2017

Pending BLM approvals will subsequently be reviewed and scanned

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #373240 verified by the BLM Well Info For CIMAREX ENERGY CO., sent to the Carlsba... *BC 6-2-17*

Name (Printed/Typed) AMITHY E CRAWFORD Title REGULATORY ANALYST

Signature (Electronic Submission) Date 04/19/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

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.

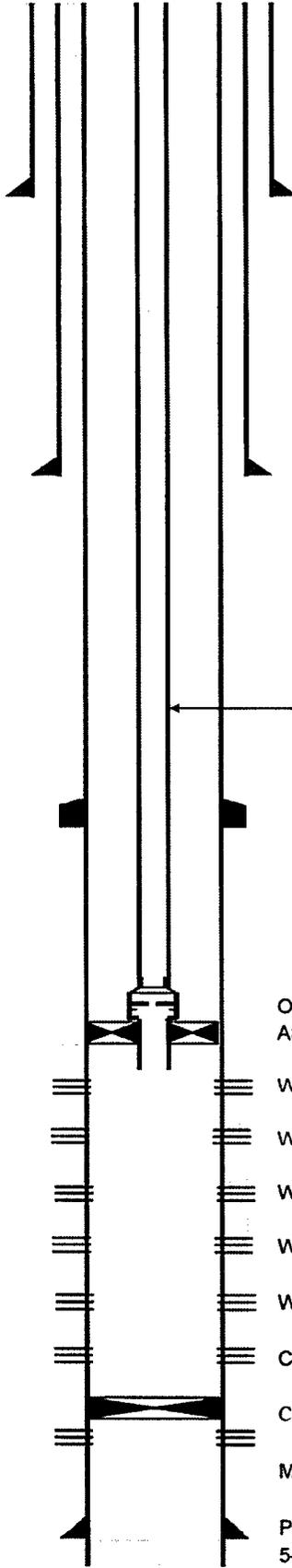
(Instructions on page 2)

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



Current WBD
KB - 19' above GL

Cimarex Energy Co. of Colorado
Adrienne 6 Federal #1
SHL - 200' FNL & 1700' FWL
BHL - 763' FNL & 863' FWL
Sec. 6, T-25-S, R-26-E, Eddy Co., NM
M. Karner 2/2/2017



13-3/8", 48# H-40 csg @ 215'
cmtd w/ 260 sx, cmt circ

NM OIL CONSERVATION
ARTESIA DISTRICT
JUN 01 2017
RECEIVED

9-5/8", 40# J-55 csg @ 1915'
cmtd w/ 735 sx, cmt circ

271 jts 2-3/8" 4.7# L-80 Tbg

Cement verified by CBL 6800-7290

DV Tool @ 7290'
cmtd w/ 980 sx, cmt circ

On-off Tool w/ 1.81" X Profile nipple @ 8392"
AS-1X packer @ +/- 8399.5'

Wolfcamp perfs (8,446' - 8,641')

Wolfcamp perfs (9,038' - 9,244')

Wolfcamp perfs (9,294' - 9,510')

Wolfcamp perfs (9,694' - 9,896')

Wolfcamp perfs (9,952' - 10,144')

Cisco Canyon (10,197' - 10,304')

CIBP at 10,815' with 25 sx pumped on top, calc TOC 10,587'

Morrow perfs (11,306' - 11,955')

PBTD @ 12130'
5-1/2" 17# P-110 @ 12235' cmtd w/ 1060 sx, cmt circ
TD @ 12235'