

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.

8. Well Name and No.
FEDERAL 13 6

9. API Well No.
30-015-36571

10. Field and Pool, or Exploratory
UNKNOWN

11. County or Parish, and State
EDDY COUNTY COUNTY, NM

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
CIMAREX ENERGY COMPANY

Contact: CRISTEN BURDELL
E-Mail: cburdell@cimarex.com

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

3b. Phone No. (include area code)
Ph: 918-560-7038

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 13 T25S R26E SENW 1310FNL 1980FWL

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	
	<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 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 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.)

H2S gas analysis for facility as requested

NM OIL CONSERVATION
ARTESIA DISTRICT

APR 18 2016

RECEIVED

Accepted for record
NM OCD 4/19/16
AB

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #273900 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by LINDA DENNISTON on 01/13/2015 ()

Name (Printed/Typed) CRISTEN BURDELL

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 10/27/2014

Accepted For Record

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By James C. [Signature]

Title SPET

Date 4-10-16

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 CPO

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.

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



Laboratory Services, Inc.
2609 West Marland
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

FOR: Cimarex Energy
Attention: Terry Alnsworth
800 N. Marienfeld, Suite 600
Midland, Texas 7901

SAMPLE: Sta. #Fed13-6
IDENTIFICATION Federal 13-6
COMPANY: Cimarex Energy
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 10/18/10 3:30 pm
ANALYSIS DATE: 10/20/10
PRESSURE - PSIG 694.4
SAMPLE TEMP. °F 95
ATMOS. TEMP. °F 90

GAS (XX) LIQUID ()
SAMPLED BY: Morgan Vrana
ANALYSIS BY: Vickie Sullivan

REMARKS: H2S = 0.5 PPM

COMPONENT ANALYSIS

COMPONENT		MOL PERCENT	GPM
Hydrogen Sulfide	(H2S)	0	
Nitrogen	(N2)	0.758	
Carbon Dioxide	(CO2)	0.103	
Methane	(C1)	84.632	
Ethane	(C2)	9.303	2.482
Propane	(C3)	3.194	0.878
I-Butane	(IC4)	0.492	0.161
N-Butane	(NC4)	0.861	0.271
I-Pentane	(IC5)	0.221	0.081
N-Pentane	(NC5)	0.179	0.065
Hexane Plus	(C6+)	<u>0.257</u>	<u>0.112</u>

100.000

4.050

BTU/CU.FT. - DRY 1172
AT 14.650 DRY 1169
AT 14.650 WET 1148
AT 14.73 DRY 1175
AT 14.73 WET 1155

MOLECULAR WT. 19.3350

SPECIFIC GRAVITY -
CALCULATED 0.668
MEASURED