

N.M. Oil Cons. DIV-Dist. 2  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
301 W. Grand Avenue  
Artesia, NM 88210FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

## 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  
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
Cimarex Energy Co.3a. Address  
15 E. 5th Street, Ste 10003b. Phone No. (include area code)  
918-585-11004. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Section 11-T22S-R22E, NMPM

5. Lease Serial No.

NM-92739

6. If Indian, Allottee or Tribe Name

N/A

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

N/A

8. Well Name and No.

LA Federal #1-A (re-entry)

9. API Well No.

3001522654

10. Field and Pool, or Exploratory Area

Exploratory

11. County or Parish, State

Eddy County, NM

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☒
- Notice of Intent
- 
- ☒
- Subsequent Report
- 
- ☐
- Final Abandonment Notice

## TYPE OF ACTION

- |   |   |   |   |
|---|---|---|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input checked="" type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation                          | <input type="checkbox"/> Well Integrity |
| <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 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 recompleat 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 Energy Co. completion the following operations on 08-20-04:

Re-enter INEXCO LA Federal #1 (plugged as a dry hole November 1978) on 08-05-04 using a Basic completion rig. Clean out the plug at surface and pressure test existing 8 5/8" casing. Clean out wellbore plugs at 8 5/8" shoe, 3638', 5300', and 6625'. Ran log from 7400'-2010' on 08-11-04. Ran 172 jts 5 1/2" 17# N80 LTC casing to 7417' on 08-13-04. Float held when cemented with 20 bbls CW spacer & 930 sacks 50/50 Poz H. Plug held when cemented with 510 sacks 50/50 Poz H. Log from PBTD 7316' to 2000' and perforate from 6731'-6751' on 08-18-04. Flow test Wolfcamp perforations up 2 7/8" tubing on 08-19-04. Turned to EPGT Pipeline on 09-08-04.

ACCEPTED FOR RECORD

OCT 1 2004

LES BABYAK  
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct
- 
- Name (Printed/Typed)

Amy Warren

Title Drilling Technician

Signature

Amy Warren

Date

9-27-04

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

Date

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)



# Laboratory Services, Inc.

2609 West Marland  
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

FOR: Lemmons Gas Measurement Inc.  
Attention: R.W. Lemmons  
P.O. Box 5798  
Hobbs, New Mexico 88241

SAMPLE: Sta. #CES137  
IDENTIFICATION: LA Federal #1A  
COMPANY: Cimarex  
LEASE:  
PLANT:

SAMPLE DATA: DATE SAMPLED: 9/20/04  
ANALYSIS DATE: 9/22/04  
PRESSURE - PSIA 426.4  
SAMPLE TEMP. °F 84.5  
ATMOS. TEMP. °F

GAS (XX) LIQUID ( )  
SAMPLED BY: Richard Lemmons  
ANALYSIS BY: Vickie Biggs

REMARKS: H2S= 0

## COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)	0.000	
Nitrogen (N2)	1.358	
Carbon Dioxide (CO2)	0.295	
Methane (C1)	76.163	
Ethane (C2)	12.494	3.333
Propane (C3)	5.919	1.627
I-Butane (IC4)	0.827	0.270
N-Butane (NC4)	1.472	0.463
I-Pentane (IC5)	0.390	0.142
N-Pentane (NC5)	0.322	0.116
Hexane Plus (C6+)	0.760	0.330
	100.000	6.281
BTU/CU.FT. - DRY	1279	MOLECULAR WT. 21.6468
AT 14.650 DRY	1275	
AT 14.650 WET	1253	
AT 14.73 DRY	1282	
AT 14.73 WET	1260	
SPECIFIC GRAVITY -		
CALCULATED	0.746	
MEASURED		