

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. ORACLE 21 FEDERAL 1
2. Name of Operator CIMAREX ENERGY CO OF COLORADO Contact: RHONDA SHELDON Email: rsheldon@cimarex.com	9. API Well No. 30-015-35110
3a. Address 202 SOUTH CHEYENNE AVE, SUITE 1000 TULSA, OK 74103	10. Field and Pool, or Exploratory WILDCAT, BONE SPRINGS
3b. Phone No. (include area code) Ph: 918-295-1709	11. County or Parish, and State EDDY COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 21 T25S R26E 660FNL 660FWL	

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 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.)

PLEASE SEE THE ATTACHED ANALYSIS. NO H2S.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

APR 18 2016

RECEIVED

Accepted for record  
NMBOS AH/MLP  
AB

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

**Electronic Submission #327820 verified by the BLM Well Information System  
For CIMAREX ENERGY CO OF COLORADO, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH MCKINNEY on 01/11/2016 ()**

Name (Printed/Typed) RHONDA SHELDON	Title REGULATORY TECHNICIAN
Signature (Electronic Submission)	Date 01/06/2016

*Accepted for Rec* THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By: <i>James A. Jones</i>	Title: <i>SPECT</i>	Date: <i>4-10-16</i>
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: <i>CPO</i>	

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 \*\***

# Natural Gas Analysis Report

## AKM Measurement Services

### Sample Information

Sample Information	
Sample Name	Oracle 21 Fed 1&3 CDP (309588433m)
Sample Notes	0 PPM H2S (RYAN)
Injection Date	2015-04-07 15:51:19

### Component Results

Component Name	Norm%	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	0.7381	0.000
Methane	82.6486	0.000
CO2	0.1336	0.000
Ethane	9.4807	2.543
H2S	0.0000	0.000
Propane	3.7632	1.040
iso-Butane	0.3753	0.123
n-Butane	0.3744	0.118
iso-Pentane	0.6381	0.234
n-Pentane	1.2320	0.448
Hexanes Plus	0.6160	0.268
Water	0.0000	0.000
Total:	100.0000	4.775

### Results Summary

Result	Dry	Sat.
Pressure Base (psia)	14.730	
Flowing Temperature (Deg. F)	88.0	
Flowing Pressure (psia)	72.0	
Gross Heating Value (BTU / Real cu.ft.)	1235.2	1214.2
Relative Density (G), Real	0.7062	0.7051
Total GPM	4.775	4.794
Total Molecular Weight	20.394	20.352