

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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.

5. Lease Serial No.
NMNM0141013

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

7. If Unit or CA/Agreement, Name and/or No.
NMNM116752

8. Well Name and No.
MESCALERO 19 FEDERAL 02 ✓

9. API Well No.
30-025-37999-00-S1 ✓

10. Field and Pool, or Exploratory
QUAIL RIDGE

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

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
CIMAREX ENERGY COMPANY OF CO
Contact: CRISTEN BURDELL
E-Mail: cburdell@cimarex.com

3a. Address
600 NORTH MARIENFELD STREET, SUITE 600
MIDLAND, TX 79701

3b. Phone No. (include area code)
Ph: 918-660-7038
HOBBS OCD

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 19 T19S R34E NWSW Lot 3 1650FSL 0990FWL /
32.642946 N Lat, 103.604970 W Lon

APR 18 2016
RECEIVED

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 recomplate 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 recomplate 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

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

**Electronic Submission #273880 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs
Committed to AFMSS for processing by LINDA JIMENEZ on 05/04/2015 (15LJ1022SE)**

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 <i>James G. Owens</i>	Title SP&T	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 CFO	

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

MAY 06 2016



LABORATORY SERVICES

Natural Gas Analysis

www.permianls.com

575.397.3713 2609 W Marland Hobbs NM 88240

For:	Cimarex Energy Attention: Mark Cummings 600 N. Marienfeld, Suite 600 Midland, Texas 79701	Sample:	Sta. # 309617096
		Identification:	Mescalero PC 19 FC 2
		Company:	Cimarex Energy
		Lease:	
		Plant:	

Sample Data:	Date Sampled	5/31/2013	10:00 AM	
	Analysis Date	6/4/2013		
	Pressure-PSIA	525		Sampled by: J. Stevens/Gas Meas.
	Sample Temp F	100		Analysis by: Vicki McDaniel
	Atmos Temp F	90		

H2S = 0.7 PPM

Component Analysis

		Mol Percent	GPM
Hydrogen Sulfide	H2S	0.662	
Nitrogen	N2	0.662	
Carbon Dioxide	CO2	0.644	
Methane	C1	81.782	
Ethane	C2	8.274	2.207
Propane	C3	4.706	1.293
I-Butane	IC4	0.713	0.233
N-Butane	NC4	1.683	0.529
I-Pentane	IC5	0.487	0.178
N-Pentane	NC5	0.481	0.174
Hexanes Plus	C6+	<u>0.568</u>	<u>0.246</u>
		100.000	4.860

REAL BTU/CU.FT.		Specific Gravity	
At 14.65 DRY	1237.3	Calculated	0.7172
At 14.65 WET	1215.7		
At 14.696 DRY	1241.2		
At 14.696 WET	1220.0	Molecular Weight	20.7721
At 14.73 DRY	1244.0		
At 14.73 Wet	1222.5		