

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.
NMNM57285

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.
NMNM112719

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
CHAPARRAL 33 FEDERAL 2

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

9. API Well No.
30-025-36403-00-S1

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

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

10. Field and Pool, or Exploratory
N QUAIL RIDGE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 33 T19S R34E NENW 660FNL 1980FWL

11. County or Parish, and State

LEA COUNTY, NM

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.)

H2S gas analysis for facility as requested

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

Electronic Submission #273848 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 01/30/2015 (15LJ0621SE)

Name (Printed/Typed) CRISTEN BURDELL

Title REGULATORY

Signature (Electronic Submission)

Date 10/27/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

James A. Curran

Title

SAE7

Date

12-13-15

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 ****

Accepted for Record Only

MJB/OCD 12/21/2015

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DEC 22 2015

dm

Chaparral 33 Federal Com 2



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. # Chap33-2
		Identification:	Chaparral 33-2
		Company:	Cimarex Energy
		Lease:	
		Plant:	

Sample Data:	Date Sampled	6/21/2013	10:00 AM	
	Analysis Date	6/28/2013		
	Pressure-PSIA	608		Sampled by: J. Stevens/Gas Meas.
	Sample Temp F	94		Analysis by: Vicki McDaniel
	Atmos Temp F	88		

H2S = 0.5 PPM

Component Analysis

		Mol Percent	GPM
Hydrogen Sulfide	H2S		
Nitrogen	N2	0.508	
Carbon Dioxide	CO2	0.561	
Methane	C1	88.981	
Ethane	C2	5.718	1.525
Propane	C3	2.349	0.645
I-Butane	IC4	0.285	0.093
N-Butane	NC4	0.650	0.204
I-Pentane	IC5	0.187	0.068
N-Pentane	NC5	0.203	0.073
Hexanes Plus	C6+	<u>0.558</u>	<u>0.242</u>
		100.000	2.851

REAL BTU/CU.FT.		Specific Gravity	
At 14.65 DRY	1133.4	Calculated	0.6479
At 14.65 WET	1113.6		
At 14.696 DRY	1136.9		
At 14.696 WET	1117.5	Molecular Weight	18.7639
At 14.73 DRY	1139.5		
At 14.73 Wet	1119.8		