

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 type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM91308
2. Name of Operator CIMAREX ENERGY COMPANY. Contact: CRISTEN BURDELL E-Mail: cburdell@cimarex.com		6. If Indian, Allottee or Tribe Name
3a. Address 202 S. CHEYENNE AVE STE 1000 TULSA, OK 74103	3b. Phone No. (include area code) Ph: 918-560-7038	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 5 T18S R31E SWNE 1650FNL 1650FEL		8. Well Name and No. MAGNUM FED 5 COM 1
		9. API Well No. 30-015-31312
		10. Field and Pool, or Exploratory TURKEY TRACK
		11. County or Parish, and State EDDY COUNTY 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

NM OIL CONSERVATION
ARTESIA DISTRICT

DEC 18 2015

RECEIVED

OCD 12/21/15
Accepted for record
N.M.OCD

14. I hereby certify that the foregoing is true and correct. Electronic Submission #273869 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 <u>James E. Corne</u>	Title <u>SAE 7</u>	Date <u>12-13-15</u>
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 <u>CFD</u>		

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

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. # 309535074
Identification: Magnum 5 # 1 Prod
Company: Cimarex Energy
Lease: *Magnum Fed 5 com 1*
Plant:

Sample Data: Date Sampled 5/16/2013 12:00 PM
Analysis Date 5/21/2013
Pressure-PSIA 50
Sample Temp F 100
Atmos Temp F 92

Sampled by: J. Stevens/Gas Meas.
Analysis by: Vicki McDaniel

H₂S = 0.4 PPM

Component Analysis

		Mol Percent	GPM
Hydrogen Sulfide	H ₂ S		
Nitrogen	N ₂	0.563	
Carbon Dioxide	CO ₂	0.440	
Methane	C ₁	85.262	
Ethane	C ₂	7.487	1.997
Propane	C ₃	3.091	0.849
I-Butane	IC ₄	0.367	0.120
N-Butane	NC ₄	0.901	0.283
I-Pentane	IC ₅	0.249	0.091
N-Pentane	NC ₅	0.342	0.124
Hexanes Plus	C ₆ +	<u>1.298</u>	<u>0.562</u>
		100.000	4.026

REAL BTU/CU.FT.		Specific Gravity	
At 14.65 DRY	1203.2	Calculated	0.6911
At 14.65 WET	1182.2		
At 14.696 DRY	1206.9		
At 14.696 WET	1186.4	Molecular Weight	20.0168
At 14.73 DRY	1209.7		
At 14.73 Wet	1188.8		