

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.

5. Lease Serial No. NMNM7752
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. MERAK 7 FEDERAL 6
9. API Well No. 30-015-40612-00-S1
10. Field and Pool, or Exploratory LOCO HILLS GLORIETA-YESO
11. County or Parish, and State EDDY COUNTY, NM

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: RHONDA SHELTON Mail: rsheldon@cimarex.com	
3a. Address 202 S CHEYENNE AVE SUITE 1000 TULSA, OK 74103.4346	3b. Phone No. (include area code) Ph: 918-295-1709
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 7 T17S R30E SWSE 990FSL 2395FEL	

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.)

AS REQUESTED, SEE THE H2S ROE FOR THE ATTACHED ANALYSIS

100=7.46'
500=3.4'

Sc 12-20-17
Accepted for record - NMOC

NM OIL CONSERVATION
ARTESIA DISTRICT
DEC 19 2017

RECEIVED

14. I hereby certify that the foregoing is true and correct. Electronic Submission #337178 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad Committed to AFMSS for processing by JENNIFER SANCHEZ on 04/25/2016 (16JAS1491SE)	
Name (Printed/Typed) RHONDA SHELTON	Title REGULATORY TECHNICIAN
Signature (Electronic Submission)	Date 04/22/2016

Accepted for Record THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved By <i>James C. [Signature]</i>	Title <i>Supr. ABT</i>	Date <i>12-11-17</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>CHO</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.

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



www.permianls.com

575.397.3713 2609 W Marland Hobbs NM 88240

For: Cimarex Energy
Attention: Mark Cummings
600 N. Mariefeld, Suite 600
Midland, Texas 79701

Sample: Casing
Identification: Merak 7 Fed. 6
Company: Cimarex Energy
Lease:
Plant:

Sample Data: Date Sampled 6/10/2014 12:06 PM
Analysis Date 6/11/2014
Pressure-PSIA
Sample Temp F
Atmos Temp F

Sampled by: T. Ridings
Analysis by: Vicki McDaniel

H2S = 400 PPM

Component Analysis

		Mol Percent	GPM
Hydrogen Sulfide	H2S	0.040	
Nitrogen	N2	3.099	
Carbon Dioxide	CO2	0.649	
Methane	C1	76.046	
Ethane	C2	11.493	3.066
Propane	C3	5.279	1.451
I-Butane	IC4	0.547	0.178
N-Butane	NC4	1.301	0.409
I-Pentane	IC5	0.333	0.121
N-Pentane	NC5	0.360	0.130
Hexanes Plus	C6+	0.853	0.369
		100.000	5.725

400 PPM

REAL BTU/CU.FT.		Specific Gravity	
At 14.65 DRY	1236.9	Calculated	0.7430
At 14.65 WET	1215.3		
At 14.696 DRY	1240.8		
At 14.696 WET	1219.6	Molecular Weight	21.5201
At 14.73 DRY	1243.6		
At 14.73 Wet	1222.2		