

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.*5. Lease Serial No.
NMNM112254

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.8. Well Name and No.
VERN 1 FED COM 19. API Well No.
30-015-3410910. Field and Pool, or Exploratory
WILDCAT; BONESPRING11. County or Parish, and State
EDDY COUNTY COUNTY, NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

CIMAREX ENERGY COMPANY

Contact: CRISTEN BURDELL

E-Mail: cburdell@cimarex.com

3a. Address

202 S. CHEYENNE AVE STE 1000
TULSA, OK 74103

3b. Phone No. (include area code)

Ph: 918-560-7038

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

Sec 1 T25S R25E 1600FNL 1200FEL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐
- Notice of Intent
-
- ☒
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <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

12/21/15
Accepted for record
NMSD

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

**Electronic Submission #273839 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

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

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

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, Inc.

2609 West Marland
Hobbs, New Mexico 88240

Telephone: (575) 397-3713

Vern 1 Fed. COM 1

FOR: Cimarex Energy
Attention: Terry Alnsworth
600 N. Marienfeld, Suite 600
Midland, Texas 79701

SAMPLE: Sta. #Vern1-1
IDENTIFICATION Vern 1-1
COMPANY: Cimarex Energy
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 11/22/10 5:20 pm
ANALYSIS DATE: 11/23/10
PRESSURE - PSIA 351
SAMPLE TEMP. °F 59.6
ATMOS. TEMP. °F 62

GAS (XX) LIQUID ()
SAMPLED BY: Morgan Vrana
ANALYSIS BY: Vicki McDaniel

REMARKS: H2S = 0.3 PPM

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	0.893	
Carbon Dioxide (CO2)	1.205	
Methane (C1)	81.283	
Ethane (C2)	10.280	2.743
Propane (C3)	4.232	1.163
I-Butane (IC4)	0.441	0.144
N-Butane (NC4)	1.085	0.341
I-Pentane (IC5)	0.166	0.061
N-Pentane (NC5)	0.228	0.082
Hexane Plus (C6+)	0.187	0.081
	100.000	4.615

BTU/CU.FT. - DRY 1188
AT 14.650 DRY 1184
AT 14.650 WET 1163
AT 14.73 DRY 1190
AT 14.73 WET 1170

MOLECULAR WT. 20.1081

SPECIFIC GRAVITY -
CALCULATED 0.697
MEASURED