

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.
NMNM94839

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.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

ORACLE 21 FEDERAL 4H

2. Name of Operator

CIMAREX ENERGY CO OF COLORADO

Contact: RHONDA SHELDON

Email: rsheldon@cimarex.com

9. API Well No.

30-015-38597

3a. Address

202 SOUTH CHEYENNE AVE, SUITE 1000
TULSA, OK 74103

3b. Phone No. (include area code)

Ph: 918-295-1709

10. Field and Pool, or Exploratory
WILDCAT; BONE SPRINGS

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

Sec 21 T25S R26E 400FNL 1980FWL

11. County or Parish, and State

EDDY COUNTY, NM

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.)

PLEASE SEE THE ATTACHED ANALYSIS. NO H2S.

NM OIL CONSERVATION

ARTESIA DISTRICT

APR 18 2016

Accepted for record
NMOCDA 4/19/16
AB

RECEIVED

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

Electronic Submission #327816 verified by the BLM Well Information System
For CIMAREX ENERGY CO OF COLORADO, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH MCKINNEY on 01/11/2016 ()

Name (Printed/Typed) RHONDA SHELDON

Title REGULATORY TECHNICIAN

Signature (Electronic Submission)

Date 01/06/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

James G. Amos

Title

SPECT

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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Natural Gas Analysis Report

AKM Measurement Services

Sample Information

Sample Information	
Sample Name	Oracle 21 Fed #4(309588434)
Injection Date	2014-12-11 20:06:13

Component Results

Component Name	Norm%	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	1.0714	0.000
Methane	78.4503	0.000
CO2	0.4744	0.000
Ethane	11.1740	2.999
H2S	0.0000	0.000
Propane	4.6472	1.285
iso-Butane	0.5551	0.182
n-Butane	1.7281	0.547
iso-Pentane	0.3937	0.144
n-Pentane	0.6069	0.221
Hexanes Plus	0.8989	0.391
Water	0.0000	0.000
Total:	100.0000	5.769

Results Summary

Result	Dry	Sat.
Pressure Base (psia)	14.730	
Flowing Temperature (Deg. F)	57.0	
Flowing Pressure (psia)	48.5	
Gross Heating Value (BTU / Real cu.ft.)	1275.3	1253.7
Relative Density (G), Real	0.7410	0.7393
Total GPM	5.769	5.771
Total Molecular Weight	21.390	21.331