

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**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.
MN97874

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
THORNTAIL 31 FEDERAL 19. API Well No.
30-015-3814010. Field and Pool or Exploratory Area
EMPIRE GLORIETA-YESO11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
CIMAREXContact: RHONDA SHELDON
E-Mail: rsheldon@cimarex.com3a. Address
202 S. CHEYENNE AVE SUITE 1000
TULSA, OK 741033b. Phone No. (include area code)
Ph: 918-295-17094. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 31 T16S R29E Mer NMP SESE 525FSL 330FEL**12. CHECK THE 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"/> Hydraulic Fracturing	<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	Site Facility Diagram/Security Plan
	<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 must 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 must be filed once testing has been completed. Final Abandonment Notices must 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 ATTACHMENT FACILITY DIAGRAM.

ENTERED 02/03/17
INTO AFMSSAccepted for record - NMOC
AC 4-11-17Accepted for Record
Approval Subject to
Date: 2/3/17RECEIVED
ARTESIA DISTRICT
APR 10 2017

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

Electronic Submission #360477 verified by the BLM Well Information System

For CIMAREX, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH MCKINNEY on 01/10/2017 ()

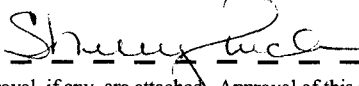
Name (Printed/Typed) RHONDA SHELDON

Title REGULATORY TECHNICIAN

Signature (Electronic Submission)

Date 12/09/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By 	Title EPS. LE	Date 02/03/17
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

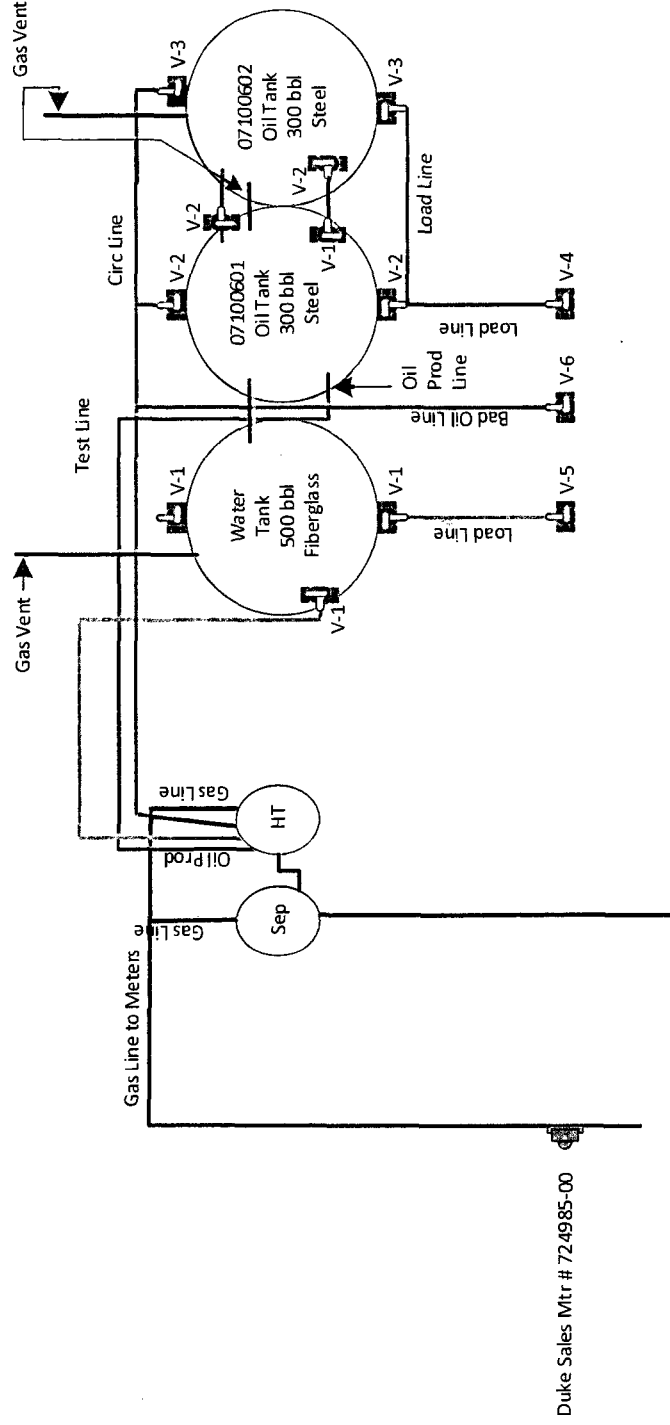
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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

Site Facility Diagram

THORNTAIL 31 FED #1



Production Phase

Overflow Valves

- V-1 & V-2 open
- V-1 South Side wtr tank open (Prod Line)
- Oil Prod line V-1 & 2 V-1 closed
- V-2 open
- (Circulating line & bad oil line are tied together)

Sales Phase

- V-1 open (wtr tank)
- V-5 closed (wtr tank)
- V-2, 3, 4 closed (oil tank)
- V-6 closed & sealed (oil & wtr tank)
- V-2 & 3 from oil tank are closed & sealed

Used for Record Purposes
Not Subject to One

Cimarex Energy Co. of Colorado

Lease: Thorntail 31 Fed #1

API: 30-015-38140

EDDY County, NM

Sec. 31. T165.R29E

525' FSL & 330' FEL

NMNM97874



Drawn: 12/09/16