

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**Carlsbad Field Office**  
**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.  
NMNM118109

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
TUMAK FEDERAL 3

9. API Well No.  
30-015-40459-00-S1

10. Field and Pool, or Exploratory  
EMPIRE GLORIETA-YESO

11. County or Parish, and State  
EDDY COUNTY, NM

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
COG OPERATING LLC  
Contact: CHASITY JACKSON  
E-Mail: cjackson@concho.com

3a. Address  
600 W ILLINOIS AVENUE  
MIDLAND, TX 79701

3b. Phone No. (include area code)  
Ph: 432-686-3087

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 14 T17S R28E SWSW 245FSL 230FWL

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 Onshore Order Variance
	<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.)

COG Operating LLC respectfully requests a variance for the vapor incinerator (combustor) at the Tumak Federal #3 Battery. The combustor is necessary to comply with the EPA's NSPS Quad O standard. This standard set new requirements for controlling emission from storage tanks that have the potential to emit ozone-forming volatile organic compounds (VOCs), along with several toxic air pollutants, including benzene. Tanks are considered "affected facilities" if all of the following apply:

1. Constructed, modified or reconstructed after August 23, 2011
2. Used to store crude oil, condensate, unrefined petroleum liquids (intermediate hydrocarbon liquids), or produced water
3. Potential to emit (PTE) VOCs in an amount equal to or greater than 6 tons per year

All affected storage tank facilities are required to install an approved control device to reduce site VOC emissions by 95 percent destruction and removal efficiency (DRE). The EPA has set two

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
OCT 30 2015  
RECEIVED

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

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

Electronic Submission #319793 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by LINDA DENNISTON on 10/16/2015 (16LD0077SE)

Name (Printed/Typed) CHASITY JACKSON Title PREPARER

Signature (Electronic Submission) Date 10/14/2015

Accepted for record  
NMOCDC 11/6/15

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By DUNCAN WHITLOCK Title TECHNICAL LPET Date 10/28/2015

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 Carlsbad

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.

**Additional data for EC transaction #319793 that would not fit on the form**

**32. Additional remarks, continued**

compliance dates based on the date the storage tank facilities were constructed, modified, or reconstructed.

? April 15, 2014 ? Compliance deadline for tanks that come online after April 12, 2013, or within 60 days after start up if constructed after April 15, 2014.(Known as Group 2 tanks)

? April 15, 2015 ? Compliance deadline for tanks constructed between August 23, 2011, and April 12, 2013. (Known as Group 1 tanks)

The Tumak Federal #3 Battery falls under the group 1 tanks.

Attached is the new site diagram for the proposed vapor incinerator.

BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

**CONDITIONS OF APPROVAL TO INSTALL  
VAPOR COMBUSTOR UNIT (VCU)**

1. These conditions of approval are for installation of a VCU on low-pressure oil storage tank facilities. This approval is due to the fact that the cost of installing and operating equipment necessary to capture the gas exceeds the value of the gas over the life of the facility. The operator may be required to provide economic justification to the Authorized Officer upon request. The operator may be required to provide volume verification to the Authorized Officer upon request.
2. Comply with NTL-4A requirements.
3. If volume being combusted is less than 50 MCF of gas per day, it is considered "unavoidably lost", therefore, no royalty obligation shall be accrued and will not be required to be reported.
  - a. "Unavoidably Lost" production shall mean (1) those gas vapors which are released (in this case combusted) from low-pressure storage tanks.
4. Essentially all measured combusted volumes over 50 MCF will require payment of royalties and volumes need to be reported on OGOR "B" reports as disposition code "08".
5. Per 43 CFR 3162.7-5(d)/Onshore Order No.3.III.I.1, site facility diagram must be submitted within 60 days of equipment installation.
6. This approval does not authorize any additional surface disturbance.
7. Subject to like approval from NMOCD.