

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**NMOCD**  
**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.*

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC028784B
2. Name of Operator COG OPERATING LLC Contact: DANA KING E-Mail: dking@concho.com		6. If Indian, Allottee or Tribe Name
3a. Address ONE CONCHO CENTER, 600 W ILLINOIS AVE MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-818-2267	7. If Unit or CA Agreement, Name and/or No. NMM88525X
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 19 T17S R30E Mer NMP NWSW 1728FSL 245FWL		8. Well Name and No. BURCH KEELY UNIT 967H
		9. API Well No. 30-015-39579
		10. Field and Pool or Exploratory Area BK;GLORIETTA-UPPER YESO
		11. County or Parish, State EDDY COUNTY, NM

12. CHECK THE 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"/> 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 Venting and/or Flaring
	<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 recomplete 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 recompletion 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.

COG OPERATING LLC RESPECTFULLY REQUEST TO FLARE AT THE BURCH KEELY UNIT SATELLITE A BATTERY, SECT 24. T 17S, R29E.

NUMBER OF WELLS TO FLARE: (51)

- BURCH-KEELY UNIT 85 30-015-21663
- BURCH-KEELY UNIT 87 30-015-21662
- BURCH-KEELY UNIT 88 30-015-21665
- BURCH-KEELY UNIT 89 30-015-03079
- BURCH-KEELY UNIT 90 30-015-03073
- BURCH-KEELY UNIT 106 30-015-26890
- BURCH-KEELY UNIT 107 30-015-03076

NM OIL CONSERVATION  
ARTESIA DISTRICT

FOR RECORDS ONLY

MAR 28 2018  
RECEIVED  
SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

*[Handwritten signatures and stamps]*

14. I hereby certify that the foregoing is true and correct. Electronic Submission #408397 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by JENNIFER SANCHEZ on 03/19/2018 ( )	
Name (Printed/Typed) DANA KING	Title SUBMITTING CONTACT
Signature (Electronic Submission)	Date 03/19/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date MAR 21 2018
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 BUREAU OF LAND MANAGEMENT CARLSBAD FIELD 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 \*\***

**Additional data for EC transaction #408397 that would not fit on the form**

**32. Additional remarks, continued**

BURCH-KEELY UNIT 108✓ 30-015-25668  
BURCH-KEELY UNIT 110✓ 30-015-03067  
BURCH-KEELY UNIT 111✓ 30-015-21294  
BURCH-KEELY UNIT 112✓ 30-015-03075  
BURCH-KEELY UNIT 139✓ 30-015-03102  
BURCH-KEELY UNIT 141✓ 30-015-03110  
BURCH-KEELY UNIT 219✓ 30-015-27726  
BURCH-KEELY UNIT 220✓ 30-015-27769  
BURCH-KEELY UNIT 221✓ 30-015-27764  
BURCH-KEELY UNIT 222✓ 30-015-27788  
BURCH-KEELY UNIT 230✓ 30-015-27991  
BURCH-KEELY UNIT 235✓ 30-015-28584  
BURCH-KEELY UNIT 245✓ 30-015-28156  
BURCH-KEELY UNIT 246✓ 30-015-28330  
BURCH-KEELY UNIT 247✓ 30-015-28335  
BURCH-KEELY UNIT 271✓ 30-015-29301  
BURCH-KEELY UNIT 276✓ 30-015-29512  
BURCH-KEELY UNIT 280✓ 30-015-29921  
BURCH-KEELY UNIT 281✓ 30-015-29511  
BURCH-KEELY UNIT 282✓ 30-015-29722  
BURCH-KEELY UNIT 314✓ 30-015-31526  
BURCH-KEELY UNIT 315✓ 30-015-30642  
BURCH-KEELY UNIT 324✓ 30-015-32427  
BURCH-KEELY UNIT 325✓ 30-015-32428  
BURCH-KEELY UNIT 326✓ 30-015-32429  
BURCH-KEELY UNIT 340✓ 30-015-32757  
BURCH-KEELY UNIT 344✓ 30-015-32712  
BURCH-KEELY UNIT 345✓ 30-015-32713  
BURCH-KEELY UNIT 363✓ 30-015-32992  
BURCH-KEELY UNIT 365✓ 30-015-32867  
BURCH-KEELY UNIT 376✓ 30-015-33569  
BURCH-KEELY UNIT 406H✓ 30-015-35564  
BURCH-KEELY UNIT 413✓ 30-015-36209  
BURCH-KEELY UNIT 415✓ 30-015-37131  
BURCH-KEELY UNIT 623✓ 30-015-38561  
BURCH-KEELY UNIT 624✓ 30-015-39126  
BURCH-KEELY UNIT 629✓ 30-015-40705  
BURCH-KEELY UNIT 630✓ 30-015-38647  
BURCH-KEELY UNIT 631✓ 30-015-38648  
BURCH-KEELY UNIT 636✓ 30-015-38558  
BURCH-KEELY UNIT 637✓ 30-015-40183  
BURCH-KEELY UNIT 699✓ 30-015-39551  
BURCH-KEELY UNIT 966H✓ 30-015-44067  
BURCH-KEELY UNIT 967H✓ 30-015-39579

FROM 4/02/2018 TO 7/01/2018  
BBLS OIL/DAY: 180  
MCF/DAY: 1100  
REASON: UNPLANNED MIDSTREAM CURTAILMENT  
DUE TO HLP OR PLANT MAINTENANCE

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

Pursuant to, 43 CFR 3179

Lessees or operators are hereby authorized to vent or flare gas on a short-term basis without incurring a royalty obligation in the following circumstances:

- A. **43 CFR 3179.105 Emergencies** (a) An operator may flare or, if flaring is not feasible given the emergency, vent gas royalty-free under §3179.4 (a) (vi) of this subpart during an emergency. For purposes of this subpart, an "emergency" is a temporary, infrequent and unavoidable situation in which the loss of gas or oil is uncontrollable or necessary to avoid risk of an immediate and substantial adverse impact on safety, public health, or the environment. For purposes of royalty assessment, an "emergency" is limited to a short-term situation of 24 hours or less (unless the BLM agrees that the emergency conditions necessitating venting or flaring extend for a longer period) caused by an unanticipated event or failure that is out of the operator's control and was not due to operator negligence.
- B. **43 CFR 3179.4 Determining when the loss of oil or gas is avoidable or unavoidable.**  
(2) *Avoidably lost oil* or gas means: Lost oil or gas that is not "unavoidably lost," as defined in paragraph (a) of this section; waste oil that became waste oil through operator negligence; and, any "excess flared gas," as defined in §3179.7.
- C. **43 CFR 3179.5 When lost production is subject to royalty.**
  - (a) Royalty is due on all avoidably lost oil or gas.
  - (b) Royalty is not due on any unavoidably lost oil or gas.

**Condition of Approval to Flare Gas**

- 1. The first 24 hours of a temporary emergency flare is considered "unavoidably lost" and is therefore royalty free. Flared volumes that are considered unavoidably lost are not to be included in Sundry Notice (Form 3160-5). These Volumes are not royalty bearing and shall be reported on OGOR "B" as either disposition code "21" or "22".
- 2. Flared volumes considered to be "avoidably lost":  
These flare events will require prior approval via Notice of Intent- Sundry Notice (Form 3160-5). Volumes flared beyond limits defined in 43 CFR 3179.7 are considered "avoidably lost" and will require payment of royalties, unless an exception is granted in accordance with 43 CFR 3179. Volumes for avoidably lost gas shall be reported on OGOR "B" reports as disposition code "08".

If the operator believes that the flared volumes were "unavoidably lost" and the BLM determines them to be "avoidably lost", the operator can submit a more detailed request via Sundry Notice (Form 3160-5) for an exception in accordance with 43 CFR 3179.4, 3179.103 - 3179.105. As an alternative to producing oil and flaring gas the operator may choose to shut the well in and avoid paying royalties on otherwise avoidably lost gas.

- 3. Approval not to exceed 90 days, if flaring is still required past 90 days submit new request for approval.

4. Submit Subsequent Report with actual volumes of gas flared for each month gas is flared on a Sundry Notice (Form 3160-5). Include method for volume determination and duration. Report unavoidably lost (first 24 hrs. of unexpected event) and avoidably lost (exceeding the first 24 hrs. or flared gas that has been approved as avoidably lost by the Authorized Officer) volumes and durations on the Subsequent Report.
5. In determining the volumes of gas to be reported, shall be in accordance with 43 CFR 3179.4, 43 CFR 3179.5, 43 CFR 3179.9 and 43 CFR 3179.10
6. The operator must estimate or measure all volumes of gas vented or flared gas by one of the following methods.
  - i. Measure the flare gas by a meter. The meter shall meet all requirements for a sales meter as per Federal Regulations, 43 CFR 3175 (due to volume of gas being flared). Include meter serial number on Sundry Notice (Form 3160-5).
  - ii. Calculate the volume of the flared gas based on the results of a regularly performed GOR test and measured values for the volumes of oil production and gas sales, so as to allow BLM to independently verify the volume, rate, and heating value of the gas flared.

Regulation Ref: Link to 43 CFR 3179 Waste Prevention and Resources Conservation;  
<https://www.ecfr.gov/cgi-bin/retrieveECFR?gp=1&SID=dbd49eda8cdc488870172ed096d47be9&ty=HTML&h=L&mc=true&n=sp43.2.3170.3179&r=SUBPART>

**If H<sub>2</sub>S is detected in concentrations greater than 100 ppm, the Hydrogen Sulfide area shall meet Onshore Order 6 requirements.**