

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOC
NMOC
Artesia
Hills

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. NMLC028784A
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. NMNM88525X
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T17S R29E Mer NMP 990FNL 330FEL		8. Well Name and No. BURCH KEELY UNIT 947H
		9. API Well No. 30-015-40637
		10. Field and Pool or Exploratory Area BKU;GLORIETA-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 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.

COG OPERATING LLC RESPECTFULLY REQUEST TO FLARE AT THE BURCH KEELY UNIT SATELLITE D BATTERY, SECT 23, T17S, R29E.

NUMBER OF WELLS TO FLARE: (45)

PLEASE SEE ATTACHED WELL LIST

BLM CONSERVATION
ARTESIA DISTRICT

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

FROM 4/02/2018 TO 7/01/2018

MAR 28 2018

FOR RECORDS ONLY

14. I hereby certify that the foregoing is true and correct. Electronic Submission #408434 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
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.	Date
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.	Office

(Instructions on page 2)

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

Additional data for EC transaction #408434 that would not fit on the form

32. Additional remarks, continued

BBLS OIL/DAY: 80
MCF/DAY: 1411

REASON: UNPLANNED MIDSTREAM CURTAILMENT
PLANT MAINTENANCE AND HLP

BURCH KEELY UNIT SATELLITE D BATTERY

LEASE NAME	WELL NUMBER	API NUMBER
BURCH-KEELY UNIT	35 ✓	30-015-20378
BURCH-KEELY UNIT	36 ✓	30-015-22093
BURCH-KEELY UNIT	39 ✓	30-015-25711
BURCH-KEELY UNIT	40 ✓	30-015-21367
BURCH-KEELY UNIT	41 ✓	30-015-20391
BURCH-KEELY UNIT	45 ✓	30-015-22572
BURCH-KEELY UNIT	64 ✓	30-015-03080
BURCH-KEELY UNIT	65 ✓	30-015-21267
BURCH-KEELY UNIT	67 ✓	30-015-21368
BURCH-KEELY UNIT	73 ✓	30-015-20795
BURCH-KEELY UNIT	212 ✓	30-015-27605
BURCH-KEELY UNIT	213 ✓	30-015-27606
BURCH-KEELY UNIT	223 ✓	30-015-27647
BURCH-KEELY UNIT	224 ✓	30-015-27648
BURCH-KEELY UNIT	258 ✓	30-015-28914
BURCH-KEELY UNIT	272 ✓	30-015-27783
BURCH-KEELY UNIT	312 ✓	30-015-31434
BURCH-KEELY UNIT	318 ✓	30-015-32006
BURCH-KEELY UNIT	319 ✓	30-015-32092
BURCH-KEELY UNIT	320 ✓	30-015-32093
BURCH-KEELY UNIT	323 ✓	30-015-32211
BURCH-KEELY UNIT	330 ✓	30-015-32443
BURCH-KEELY UNIT	331 ✓	30-015-32697
BURCH-KEELY UNIT	337 ✓	30-015-32755
BURCH-KEELY UNIT	342 ✓	30-015-32710
BURCH-KEELY UNIT	397 ✓	30-015-35389
BURCH-KEELY UNIT	398 ✓	30-015-35399
BURCH-KEELY UNIT	399 ✓	30-015-35400
BURCH-KEELY UNIT	400 ✓	30-015-35246
BURCH-KEELY UNIT	414 ✓	30-015-36345
BURCH-KEELY UNIT	592 ✓	30-015-38560
BURCH-KEELY UNIT	593 ✓	30-015-38540
BURCH-KEELY UNIT	594 ✓	30-015-38559
BURCH-KEELY UNIT	596 ✓	30-015-38515
BURCH-KEELY UNIT	597 ✓	30-015-40882
BURCH-KEELY UNIT	601 ✓	30-015-38570
BURCH-KEELY UNIT	602 ✓	30-015-38644
BURCH-KEELY UNIT	604 ✓	30-015-40663
BURCH-KEELY UNIT	616 ✓	30-015-38517
BURCH-KEELY UNIT	620 ✓	30-015-39569
BURCH-KEELY UNIT	621 ✓	30-015-40325
BURCH-KEELY UNIT	723 ✓	30-015-38650
BURCH-KEELY UNIT	857 ✓	30-015-40381
BURCH-KEELY UNIT	902 ✓	30-015-40329
BURCH-KEELY UNIT	947H ✓	30-015-40637 —

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 H₂S is detected in concentrations greater than 100 ppm, the Hydrogen Sulfide area shall meet Onshore Order 6 requirements.