

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNMOCD
ArtesiaFORM 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 NMLC028793A
2 Name of Operator COG OPERATING LLC		6 If Indian, Allottee or Tribe Name
Contact DANA KING E-Mail dking@concho.com		7 If Unit or CA/Agreement, Name and/or No NMMN88525X
3a Address ONE CONCHO CENTER, 600 W ILLINOIS AVE MIDLAND, TX 79701	3b Phone No (include area code) Ph 432-818-2267	8 Well Name and No BURCH KEELY UNIT 411
4 Location of Well (Footage Sec T R M or Survey Description) Sec 18 T17S R30E Mer NMP 1910FNL 990FWL		9 API Well No 30-015-36263
		10 Field and Pool or Exploratory Area BK, 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Venting and/or Flaring
	<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 REQUESTS TO FLARE AT THE BURCH KEELY UNIT 18A BATTERY, S18 T17S R30E

NUMBER OF WELLS TO FLARE (27)

BURCH-KEELY UNIT 411 30-015-36263
BURCH-KEELY UNIT 412 30-015-36182
BURCH-KEELY UNIT 417 30-015-36181
BURCH-KEELY UNIT 548 30-015-39442
BURCH-KEELY UNIT 549 30-015-39522
BURCH-KEELY UNIT 550 30-015-39523
BURCH-KEELY UNIT 552 30-015-39443

FOR RECORDS ONLY

RECEIVED

APR 19 2018

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14 I hereby certify that the foregoing is true and correct	
Electronic Submission #404904 received by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to APDSS for processing by PRISCILLA PEREZ on 02/23/2018 ()	
Name (Printed/Typed) DANA KING	Title SUBMITTING CONTACT
Signature (Electronic Submission)	Date 02/19/2018
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By _____	Title _____ Date _____
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 ****

Additional data for EC transaction #404904 that would not fit on the form

32 Additional remarks, continued

BURCH-KEELY UNIT	554 30-015-39755
BURCH-KEELY UNIT	555 30-015-39566
BURCH-KEELY UNIT	556 30-015-39907
BURCH-KEELY UNIT	557 30-015-39316
BURCH-KEELY UNIT	559 30-015-39317
BURCH-KEELY UNIT	561 30-015-39318
BURCH-KEELY UNIT	563 30-015-39444
BURCH-KEELY UNIT	564 30-015-39869
BURCH-KEELY UNIT	565 30-015-39568
BURCH-KEELY UNIT	566 30-015-39870
BURCH-KEELY UNIT	570 30-015-40267
BURCH-KEELY UNIT	572 30-015-40268
BURCH-KEELY UNIT	573 30-015-40269
BURCH-KEELY UNIT	578 30-015-39539
BURCH-KEELY UNIT	582 30-015-40272
BURCH-KEELY UNIT	932H 30-015-42186
BURCH-KEELY UNIT	934H 30-015-42758
BURCH-KEELY UNIT	938H 30-015-42941
BURCH-KEELY UNIT	939H 30-015-39573
BURCH-KEELY UNIT	942H 30-015-44081

BBLS OIL/DAY 480
MCF/DAY 1,300

REQUESTS FOR 90 DAY FLARE APPROVAL FROM 03/01/2018 TO 5/30/2018

REASON UNPLANNED MIDSTREAM CURTAILMENT
PLANT SHUT DOWN 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](https://www.ecfr.gov/cgi-bin/retrieveECFR?gp=1&SID=dbd49eda8cdc488870172ed096d47be9&ty=HTML&h=L&mc=true&n=sp43%203170%203179&r=SUBPART)

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