

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.  
NMLC029338B

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.  
HARVARD FEDERAL 5

9. API Well No.  
30-015-34709

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator: **COG OPERATING LLC**  
Contact: **KANICIA CASTILLO**  
E-Mail: **kcastillo@concho.com**

3a. Address  
**ONE CONCHO CENTER 600 W ILLINOIS AVE  
MIDLAND, TX 79701**

3b. Phone No. (include area code)  
Ph: **432-685-4332**

10. Field and Pool, or Exploratory  
**SQUARE LAKE**

4. Location of Well (*Footage, Sec., T., R., M., or Survey Description*)  
**Sec 11 T17S R30E Mer NMP 2310FNL 990FEL**

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

**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
	<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 shall 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 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 to flare at the Harvard Federal #5 Battery.

Number of wells to flare: (16)

- Harvard Federal 5 30-015-34709
- Harvard Federal 6 30-015-35124
- Harvard Federal 7 30-015-35055
- Harvard Federal 8 30-015-35130
- Harvard Federal 9 30-015-35981
- Harvard Federal 10 30-015-36077
- Harvard Federal 11 30-015-35960
- Harvard Federal 12 30-015-35961

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

**NM OIL CONSERVATION  
ARTESIA DISTRICT**

Accepted for record  
RD NMOCD 4/22/15

APR 06 2015

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

**Electronic Submission #241766 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by ANGEL MAYES on 05/28/2014 ()**

RECEIVED

Name (Printed/Typed) **KANICIA CASTILLO**

Title **PREPARER**

Signature (Electronic Submission)

Date **04/10/2014**

**ACCEPTED FOR RECORD**

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

Approved By \_\_\_\_\_

Title \_\_\_\_\_

MAR 30 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 \_\_\_\_\_

**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.

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

**Additional data for EC transaction #241766 that would not fit on the form**

**32. Additional remarks, continued**

Harvard Federal 13 30-015-37827  
Harvard Federal 14 30-015-37412  
Harvard Federal 15 30-015-37307  
Harvard Federal 16 30-015-37828  
Harvard Federal 17 30-015-38505  
Harvard Federal 18 30-015-37829  
Harvard Federal 19 30-015-37187  
Harvard Federal 20 30-015-37830

70 Oil/Day  
295 MCF/Day

Requesting 90 day approval from 4/10/14 to 7/10/14.

Due to Frontier plant repairs.

Schematic attached.

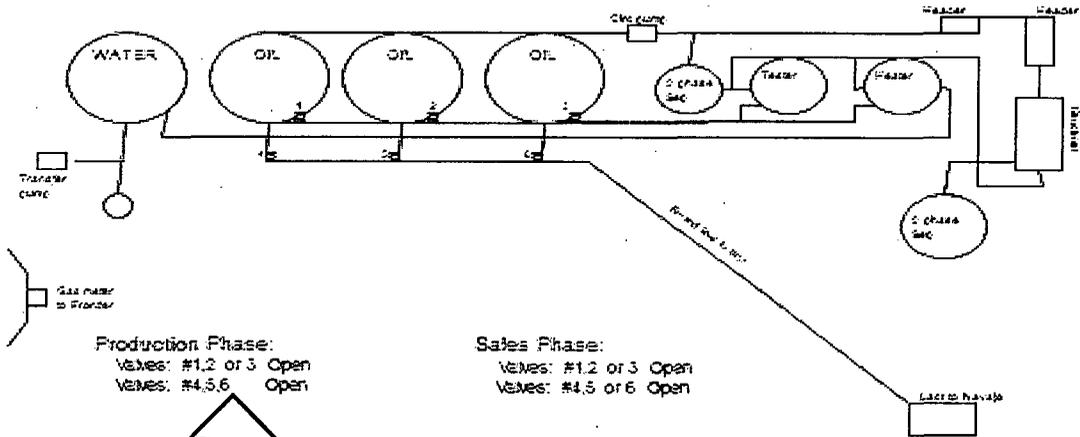
# Flare Request Form

Battery-	Harvard Federal # 5 Battery		
Production-	70 oil /295 gas		
Total BTU of Htrs-	1,500,000		
Flare Start Date-	4/28/2014	Flare End Date-	7/28/2014
UL Sec-T-R-	11-17S-30E	GPS-	32.8497 - 103.9372
# of wells in bty-	17	# of wells to be flared-	17
Reason For Flare-	Frontier plant repairs		



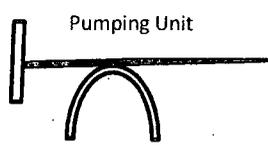
**COG OPERATING LLC**  
 One Concho Center  
 600 W. Illinois Ave. Midland, Texas 79701  
 (432) 683-7443  
 January 2013

**Harvard Federal #5**  
 2310 FNL, 990 FEL \* Sec 11-17S-30E \* UMB #1  
 Eddy County, NM  
 API - 30-015-34709



**Harvard Federal**

Well #	API Number
5	30-015-34709
6	30-015-35124
7	30-015-35055
8	30-015-35130
9	30-015-35981
10	30-015-36077
11	30-015-35960
12	30-015-35961
13	30-015-37827
14	30-015-37412
15	30-015-37307
16	30-015-37828
17	30-015-38505
18	30-015-37829
19	30-015-37187
20	30-015-37830



**Harvard Federal 5**  
**30-015-34709**  
**COG Production, LLC**  
**March 30, 2015**  
**Conditions of Approval**

1. Report all volumes on OGOR B as disposition code 08.
2. Comply with NTL-4A requirements
3. Subject to like approval from NMOCD
4. Flared volumes will still require payment of royalties
5. Install gas meter on vent/flare line to measure gas prior to venting/flaring operations if it is not equipped as such at this time. Gas meter to meet all requirements for sale meter as Federal Regulations and Onshore Order #5. Include meter serial number on sundry.
6. This approval does not authorize any additional surface disturbance.
7. Submit updated facility diagram as per Onshore Order #3.
8. Approval not to exceed 90 days for date of approval.
9. Submit Subsequent Report to this sundry with actual volumes of gas flared monthly on 3160-5 (sundry notice).
10. If flaring is still required past 90 days submit new request for approval.
11. If a portable unit is used to flare gas it must be monitored at all times.
12. Comply with any restrictions or regulations when on State or Fee surface.

**033015 JAM**