

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.  
NMNM97113

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.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.

HOT SEAT FEDERAL COM 2

2. Name of Operator

COG OPERATING LLC

Contact: BRIAN MAIORINO

E-Mail: bmaiorino@concho.com

9. API Well No.

30-015-35776

3a. Address

ONE CONCHO CENTER 600 W. ILLINOIS AVE.  
MIDLAND, TX 79701

3b. Phone No. (include area code)

Ph: 432-221-0467

10. Field and Pool, or Exploratory  
BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 35 T24S R25E NENE 990FNL 660FEL

11. County or Parish, and State

EDDY COUNTY, NM

**RECEIVED**

APR 19 2013

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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<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 recompleate 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 recompleation 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 request to abandon the Morrow and recompleate in the Bone Spring.

MIRU

Kill well if necessary.

Install back pressure valve.

Remove wellhead &amp; install BOP.

Attempt to release from on/off tool. (If cannot release, punch hole in tubing, and if necessary, cut off)

Pull tubing and visually inspect. If necessary, utilize workstring

TIH with tubing open ended

Spot Class H cement mixed at 16.4# gal from 11190 ? 11000 (Top of Morrow @ 11078?)

Circulate well clean

CRDade 4/24/13  
Accepted for record  
NMOCD**SUBJECT TO LIKE  
APPROVAL BY STATE****SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

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

Electronic Submission #201787 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 03/19/2013 ()

Name (Printed/Typed) BRIAN MAIORINO

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 03/18/2013

**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.

Office

**APPROVED**

APR 15 2013

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 \*\***

Provide C102 to NMOC

**Additional data for EC transaction #201787 that would not fit on the form**

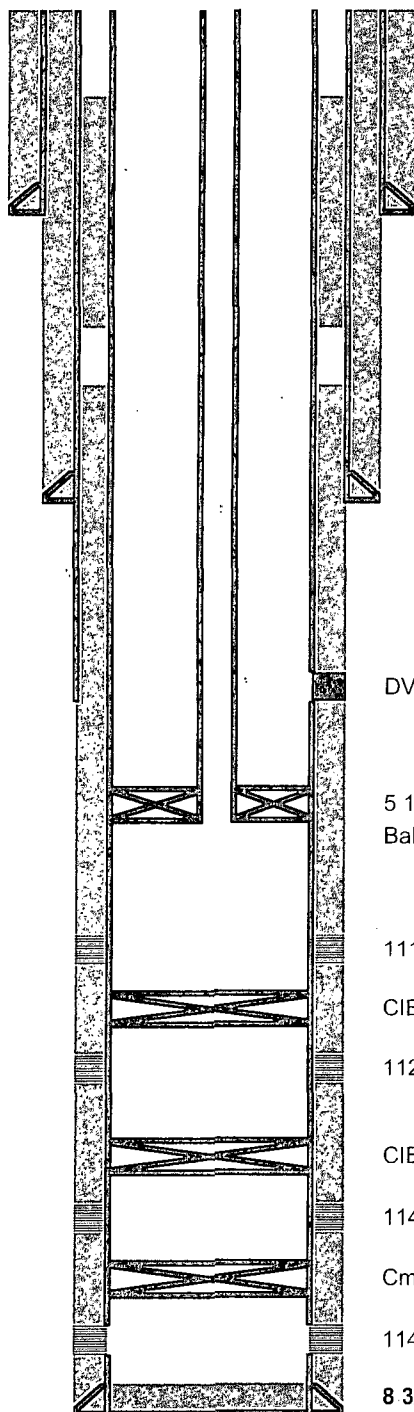
**32. Additional remarks, continued**

Spot Class H cement mixed at 16.4# gal from 8500 ? 8320 (Top of Wolfcamp @ 8414?)  
Circulate well clean  
Pressure test casing to 8000 psi  
Perforate 3rd Bone Spring @ 8030? (10 holes), 7980? (14 holes) and 7930? (16 holes) w/6 spf, 60o  
phasing utilizing Halliburton cased hole log dated 3/23/04.  
TIH w/tubing & packer. Spot acid across perms. Set packer at 7850?  
Acidize zone with 3000 gallons 15% HCl at 3 ? 5 BPM  
Shut-in 1 hour & flow back  
Pull tubing and packer  
Set frac valve & prepare for frac.  
Frac well utilizing attached procedure.  
Set no flow composi plug at 6500?  
Perforate 1st Bone Spring @ 6395? (16 holes), 6350? (14 holes), 6300? (10 holes) w/6 spf, 60o  
phasing utilizing Halliburton cased hole log dated 3/23/04  
Frac well utilizing attached procedure.  
Set no flow composi plug at 6170?  
Perforate 1st Bone Spring @ 6100? (12 holes), 6055? (10 holes), 6004? (10 holes) and 5956? (8  
holes) w/6 spf, 60o phasing utilizing Halliburton cased hole log dated 3/23/04  
Frac well  
Shut-in well for 24 hours  
Flow well back until dead.  
TIH with tubing and drill out plugs. TOH  
TIH with tubing & rods.  
Set pumping unit with gas engine if electrical power is not nearby  
Place well on test

Current

Author:	Stroup		
Well Name	<b>Hot Seat Fed</b>	Well No.	<b>#2</b>
Field	Chosa Draw	API #:	30-015-35776
County	Eddy	Prop #:	
State	New Mexico	Zone:	Morrow
Date	2/19/2013		
GL	3594'		
KB	3611'		

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	13 3/8	H40	48	237	300	Surface
Inter Csg	9 5/8	J55	36	1,505	650	Surface
Prod Csg	5 1/2	P110	17	11,870	4,040	<b>540'</b>
Liner						



Bullhead squeeze 5 1/2"-9 5/8" annulus w/1300sx

TOC @ 540'

**17-1/2" Hole**

13-3/8" (H40 - 48#) @ 237' w/300 sx

TOC @ surface

2-3/8" L80 Tbg - 343 jts

TOC @ 1300'

**12 1/4" hole**

9-5/8" (J55 - 36#) @ 1505' w/650 sx

TOC @ surface

DV Tool @ 8516' w/1925' sx

5 1/2" PLT Packer @ 11085' w/1.875" Profile  
Baker 1.81" R Nipple w/1.76" NG below packer

11124-11129

CIBP @ 11200' w/cmt

11214-11216, 11279-11282, 11292-11297

CIBP @ 11375' w/cmt

Morrow

11403 - 11436'

Cmt Retainer @ 11455' w/150 sx

11478-11490 & 11494-11497

**8 3/4" hole**

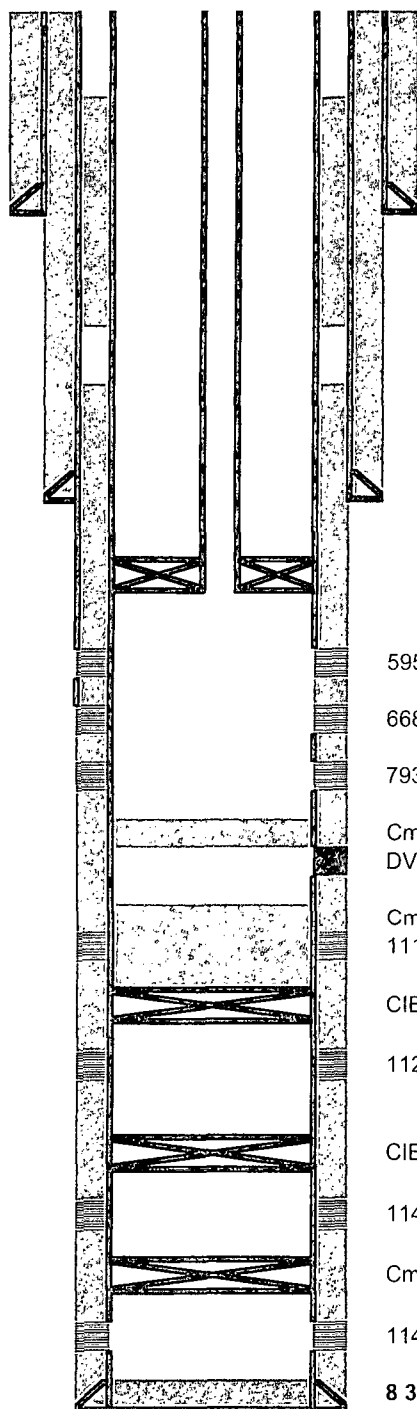
5-1/2" (P110 - 17#) @ 11870' w/815 sx

TD @ 11900'

Proposed

Author:	Stroup		
Well Name	<b>Hot Seat Fed</b>	Well No.	<b>#2</b>
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County	Eddy	Prop #:	
State	New Mexico	Zone:	Morrow
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TOC @ 1300'

**12 1/4" hole**

9-5/8" (J55 - 36#) @ 1505' w/650 sx

TOC @ surface

5956-6395 1st Bone Spring

6684-6756 2nd Bone Spring

7930-8030 3Rd Bone Spring

Cmt 8320-8500

DV Tool @ 8516' w/1925' sx

Cmt 11000-11190

11124-11129

CIBP @ 11200' w/cmt

11214-11216, 11279-11282, 11292-11297

CIBP @ 11375' w/cmt

Morrow

11403 - 11436'

Cmt Retainer @ 11455' w/150 sx

11478-11490 & 11494-11497

**8 3/4" hole**

5-1/2" (P110 - 17#) @ 11870' w/815 sx

TD @ 11900'

**Hot Seat Federal Com 2  
30-015-35776  
COG Operating LLC  
April 15, 2013  
Conditions of Approval**

**Notify BLM at 575-361-2822 a minimum of 24 hours prior to commencing work.**

**Work to be completed by July 15, 2013.**

1. Surface disturbance beyond the originally approved pad must have prior approval.
2. Closed loop system required.
3. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
4. Operator to have H2S monitoring equipment on location.
5. A minimum of a 3000 (3M) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (3M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.
6. **The operator shall tag CIBP at 11200'. Dump bail 210' of neat class H cement on top. Tag required.**
7. **Operator shall place a balanced cement plug of neat class H cement from 8500'-8320' to seal off the Wolfcamp formation. Tag required.**
8. **Prior to recompletion work, operator shall pressure test casing to 8,000 psi as proposed by operator. Submit results to the BLM.**
9. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.

- 10. Subsequent sundry required detailing work done and completion report for the new formation. Operator to include well bore schematic of current well condition when work is complete.**

**JAM 041513**