Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

HOBBS OCD
AUG 18 2014
RECEIVED

5. Lease Serial No.
NMLC061842

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
FLAT HEAD FEDERAL COM 6H

2. Name of Operator
COG OPERATING LLC
Contact: KELLY J HOLLY
E-Mail: kholly@conchoresources.com

9. API Well No.
30-025-41759-00-X1

3a. Address
ONE CONCHO CENTER 600 W ILLINOIS AVENUE
MIDLAND, TX 79701-4287

3b. Phone No. (include area code)
Ph: 432.685.4385

10. Field and Pool, or Exploratory
MALJAMAR

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 14 T17S R32E NWNE 1115FNL 1650FEL
32.838622 N Lat, 103.733365 W Lon

11. County or Parish, and State
LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Change to Original APD
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 change the casing grade from P110 to L80 on the 5.5" casing, and the brst/clps/ten from 1.33/2.91/5.66 to 1.33/2.44/4.30.

This change is necessary for better corrosion resistance properties of L80 casing.

A revised Page 2 of the Drilling Plan is attached.

Original COAs Still Stand. (additional cement will be need on the production string)

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

Electronic Submission #250398 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by JENNIFER MASON on 08/14/2014 (14JAM0081SE)

Name *(Printed/Typed)* KELLY J HOLLY — Title PERMITTING TECH

Signature (Electronic Submission) — Date 06/23/2014

APPROVED
AUG 14 2014
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

AUG 20 2014

6. Proposed Mud System

The well will be drilled to TD with a combination of fresh water, brine, cut brine mud systems. The applicable depths and properties of these systems are as follows:

DEPTH (MD)	TYPE	WEIGHT	VISCOSITY	WATERLOSS
0-1040' 1105'	Fresh Water	8.3-8.9	28	N.C.
1040'-2250'	Brine	9.8-10.1	30	N.C.
2250'-5379'	Cut Brine	8.7-9.2	30	N.C.
5379'-6206'	Cut Brine mud	8.7-9.2	30	N.C.
6206'-11745'	Cut Brine mud	8.7-9.2	30	N.C.

Sufficient mud materials will be kept at the well site to maintain mud properties and meet minimum lost circulation and weight increase requirements at all times.

Visual or electronic mud monitoring equipment shall be in place to detect volume changes indicating loss or gain of circulating fluid volume.

The mud program has been designed to minimize the volume of H_2S circulated to surface. Proper mud weights, safe drilling practices and the use of H_2S scavengers will minimize hazards when penetrating H_2S bearing zones.

6. Proposed Casing Program

Hole Size	Interval MD	OD Casing	Weight	Grade	Condition	Jt.	brst/clps/ten
17 ½"	0-1040' 1105'	13 3/8" 0-1040'	48#	H40/J55 Hybrid	New	ST&C	1.66/1.68/7.41
12 ¼"	1040'-2250' 2375'	9 5/8" 0-2250'	40#	J/K55	New	LT&C	2.14/2.20/6.82
8 ¾"	2250'-6206'	5 1/2" 0'-6206'	17#	L80	New	LT&C	1.33/2.44/4.30
7 7/8"	6206'-11745'	5 ½" 6206-11745'	17#	L80	New	LT&C	1.33/2.44/4.30