

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTCarlsbad Field Office
OCD HobbsFORM APPROVED
B.L.M. NO. 1004-0137
Expires: January 31, 2018Serial No.
NMLC029519A

DEC 27 2016

SUDDRY 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	8. Well Name and No. MAS FEDERAL 3H
2. Name of Operator COG OPERATING LLC /	9. API Well No. 30-025-42950-00-X1
3a. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287	10. Field and Pool or Exploratory Area BERRY
3b. Phone No. (include area code) Ph: 575-748-6940	11. County or Parish, State LEA COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 34 T20S R34E NWNE 190FNL 2310FEL ✓	

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	Onshore Order Variance
	<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 requests permission to install a Micro Motion Coriolis LACT at the Mas Federal CTB (LAT = 32.535683 LONG = 103.548099).

Meter No. CMF300M355NRAAEZZZ Serial No. 14405138
Transmitter No. 2700C12ABAEAZX Serial No. 3298791

14. I hereby certify that the foregoing is true and correct. Electronic Submission #358386 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Hobbs Committed to AFMSS for processing by DEBORAH MCKINNEY on 11/18/2016 (17DLM0226SE)	
Name (Printed/Typed) AMANDA AVERY	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 11/17/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>DUNCAN WHITLOCK</u>	Title <u>TECHNICAL LPET</u>	Date <u>12/21/2016</u>
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 Hobbs

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)

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

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Coriolis LACT Meter Conditions of Approval

COG Operating LLC
MAS Federal 3H
NMLC029519A, Sec. 34, NWNE, T20S, R34E

1. Approval is for meter number CMF300M355NRAAEZZZ – Serial No. 14405138, and transmitter number: 2700C12ABAEAZX- Serial No. 3298791.
2. The Coriolis meter shall be designed, installed and operated in accordance with all applicable API standards, including API 5.6, as may be amended or revised from time to time.
3. The metering facility shall include a temperature probe to monitor the actual oil temperature during custody transfer. This information will be recorded and used in calculating the volume of oil metered during each transaction.
4. The meter shall have a non-resettable totalizer.
5. The custody transfer meter shall be proven in conformance with Onshore Oil and Gas Order No. 4.III.D.3.b. The meter proving is to be *witnessed by BLM, contact 575-393-3612; a minimum of 24 hours prior to meter proving*. Meter proving records shall be maintained for a period of six years from the date of generation and will be made available for audit upon request.
6. A copy of the meter proving will be submitted to the appropriate BLM office within 30 days of proving.
7. The run ticket associated with each oil transfer shall include the measured or calculated BS&W, oil gravity, temperature recorded during the transfer and *beginning & ending totalizer readings*. Such records shall be maintained for a period of six years from the date of generation and will be made available for audit upon request.
8. Operator to maintain tank gauging data to be used as a comparison with the LACT meter readings.
9. All other provisions of the Onshore Oil and Gas Orders, especially No. 3 and No. 4 shall be met.
10. This approval may be subject to future review and if determined inadequate with regards to accurate measurement, the approval will be withdrawn.
11. Upon installation of LACT, submit an updated facility diagram as per Onshore Order No. 3.

JDW 9.12.2016