

OCD-ARTESIA

Form 3160-5
(August 2007)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.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM114349
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
3a. Address 2208 W MAIN STREET ARTESIA, NM 88210		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 575-748-6952		8. Well Name and No. JACK FEDERAL 4H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 31 T25S R27E Mer NMP NWNE 190FNL 2310FEL		9. API Well No. 30-015-42134
		10. Field and Pool, or Exploratory WC025G03S262631M;BONE SPR
		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	Onshore Order Variation
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	ce

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 shall 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 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 permission to install a Micro Motion Coriolis LACT at the Windward facility.
Meter #CMF300M355NRAAEZZZ Serial #14417039
Transmitter #2700C12ABAEZZX Serial #3287324

Accepted for record
NMOCDC 105
8-8-14

NM OIL CONSERVATION
ARTESIA DISTRICT
AUG 08 2014

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

RECEIVED

14. I hereby certify that the foregoing is true and correct. Electronic Submission #254774 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad	
Name (Printed/Typed) MELANIE PARKER	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 07/28/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>J.D. Whitlock</i>	Title <i>EB</i>	Date <i>8/21/14</i>
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 <i>CFO</i>

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 **

**Coriolis LACT Meter
Conditions of Approval
Jack Federal 4H, 3001542134
NM114349, Sec. 31 NWNE, T25S, R27E**

1. Approval is for meter number CMF300M355NRAAEZZZ – Serial No. 14417039 and transmitter number 2700C12ABAEZZX- Serial No. 3287324.
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 monthly in conformance with Onshore Oil and Gas Order No. 4.III.D. The meter proving is to be *witnessed by BLM, contact 575-361-2822; 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 monthly 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. A copy of run ticket shall be submitted to the appropriate BLM office within 30 days of ticket generation and will be made available for audit upon request.
9. Operator to maintain tank gauging data to be used as a comparison with the LACT meter readings.
10. All other provisions of the Onshore Oil and Gas Orders, especially No. 3 and No. 4 shall be met.
11. This approval may be subject to future review and if determined inadequate with regards to accurate measurement, the approval will be withdrawn.
12. Upon installation of LACT, submit an updated facility diagram as per Onshore Order No. 3.

JDW 822014