

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELL**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**Carlsbad Field Office**
OCD Hobbs**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		7. If Unit or CA/Agreement, Name and/or No. NMNM136466	
2. Name of Operator COG OPERATING LLC		8. Well Name and No. RAGNAR FEDERAL COM 16H	
3a. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287		9. API Well No. 30-025-43272-00-S1	
3b. Phone No. (include area code) Ph: 432-685-4332		10. Field and Pool or Exploratory Area MALJAMAR-YESO, WEST	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T17S R32E NWNE 100FNL 1870FEL		11. County or Parish, State LEA COUNTY, NM	

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 Drilling Operations
	<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 must 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 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.

2/15/17 Spud 17-1/2? @ 3:00am. TD 17-1/2? @ 910?. Ran 22jts 13-3/8? J55 54.5# @910?. Cmt w/350sx C lead, 375sx C tail.
2/16/17 PD @ 1:30am. Circ 277sxs. WOC 12hrs. Test BOP to 250# low to 3000# high for 10 min, good test.
2/17/17 TD 12-1/4? @2192?. Ran 52jts 9-5/8? J55 40# @ 2192?. Cmt w/375sx C lead, 275sxs C tail.
PD @ 12:55am. Circ 234sxs. WOC 12hrs.
2/18/17 Test BOP to 250# low to 3000# high for 10min, good test.
2/21/17 TD 8-3/4? vertical hole @ 5732. KOP @ 5732?. TD 8-3/4? curve @ 6136?.
2/26/17 TD 8-3/4? lateral @ 10,718?MD, 5778?TVD.
2/27/17 Ran 127 jts 7? L80 LTC 29# @ 5059?, 137jts 5-1/2? L80 LTC 17# @ 10,703?. Cmt w/500sx C lead, 1800sx C tail.
2/28/17 PD@1:50am. Circ 471sx. RR.

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

Electronic Submission #369135 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 03/08/2017 (17PP0346SE)

Name (Printed/Typed) KANICIA CASTILLO	Title PREPARER
Signature (Electronic Submission)	Date 03/08/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JONATHON SHEPARD Title PETROELUM ENGINEER	Date 06/12/2018
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 ****