

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

## 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 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. THUNDER ROAD FED 1
2. Name of Operator COG OPERATING LLC		9. API Well No. 30-015-29910-00-S1
3a. Address 600 W ILLINOIS AVENUE MIDLAND, TX 79701		10. Field and Pool or Exploratory Area GRAYBURG
3b. Phone No. (include area code) Ph: 575-748-6946		11. County or Parish, State EDDY COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T17S R30E SWNE 2310FNL 2310FEL		

## 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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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 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 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.

05/20/19 MIRU plugging equipment. Tried to release pump. POH w/ rods. Dug out cellar, NU BOP. Began POH w/ tbg. 05/21/19 Finished POH w/ tbg & K-bars. Could not release pump and last joint. Set 5 1/2" CIBP @ 4267'. Circulated hole w/ salt gel. Pressure test csg, held 500 PSL. Spotted 50 sx class C cmt @ 4267-3767'. Spotted 60 sx class C cmt w/ 2% CACL @ 3245-2638'. WOC. Tagged plug @ 2620'. Spotted 35 sx cmt 1200-846'. WOC. (05/22/19) Tagged plug @ 820'. ND BOP. Spotted 60 sx class C cmt @ 576' & circulated to surface. Rigged down & moved off. 05/22/19 Moved in backhoe and welder, Dug out cellar, cut off well head, & Terry Wilson w/ BLM verified cmt to surface. Welded on "Under Ground Dry Hole Marker". Backfilled cellar, cut off deadmen, cleaned location and moved off.

RECLAMATION PROCEDURE  
ATTACHEDRECLAMATION  
DUE 11-22-19GC 6/25/19  
Accepted for record - NMOC

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #467147 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by DEBORAH MCKINNEY on 05/31/2019 (10BP1495SE)	
Name (Printed/Typed) DELILAH FLORES	Title REGULATORY TECHNICIAN
Signature (Electronic Submission)	Date 05/31/2019
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	

ACCEPTED FOR RECORD  
JUN 3 2019  
DEBORAH MCKINNEY LIE  
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.

(Instructions on page 2)

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.
7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos  
Supervisory Petroleum Engineering Tech  
575-234-5909 575-361-2648 (Cell)

Arthur Arias  
Environmental Protection Specialist  
575-234-6230

Crystal Weaver  
Environmental Protection Specialist  
575-234-5943

Melissa Horn  
Environmental Protection Specialist  
575-234-5951

Kelsey Wade  
Environmental Protection Specialist  
575-234-5996

Trishia Bad Bear, Hobbs Field Station  
Natural Resource Specialist  
575-393-3612