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Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

REC'D Artesia
OCD Artesia

FORM 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.

5. Lease Serial No. **NMNM0467932**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator **COG Operating LLC**

3a. Address **600 W Illinois Ave
Midland TX 79701**

3b. Phone No. (include area code)
(432) 683-7443

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 20, T17S, R30E 1650 FSL 1980FWL

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

8. Well Name and No. **Loco SW #1**

9. API Well No. **30-015-22216**

10. Field and Pool or Exploratory Area
Loco Hills Abo

11. Country or Parish, State
Eddy Co, NM

ENTERED
IN AFMSS
12/18/18 DM

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		

GC 1/16/19
Accepted for record - NMOCD

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 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.)

11/02/18 MIRU plugging equipment. 11/05/18 Tbg & 5 1/2" csg had H2O flow, RU pump. Pumped 100 bbls on tbg, could not pump on 5 1/2". ND pump jack head. POH w/ rods & pump. Pumped 80 bbls brine H2O in hole. 11/06/18 Well had H2O & gas flow. Dug out cellar. Pumped 30 bbls Brine H2O in tbg, 70 bbls on 5 1/2", well had H2O flow. Pumped 100 bbls Brine H2O into tbg, circ'd all produce H2O out of well. NU BOP. 11/07/18 Well had H2O & gas flow. Pumped 1 load of Brine H2O to kill well, could not kill well. Pumped 50 bbls Brine H2O & circ'd produce water & H2S gas out of hole, water flow in well slowed. POH w/ tbg & tbg anchor. RIH open ended to 4174'. RU Vacuum pump. Pumped 80 bbls Brine H2O in hole. 11/08/18 Pumped more Brine H2O to kill well. Could not kill well. RIH & tagged CIBP @ 11,020'. Spotted 25 sx class H cmt @ 11,020-10,172'. Spotted 25 sx class H cmt @ 9350-9100'. Spotted 25 sx class H cmt @ 7750-7500'. 11/09/18 Well had H2O & gas flow. Pumped 150 bbls Brine H2O in well. Waited 30 minutes. H2O flow stopped. RIH to 6038'. RU Pump, pressure tested above 6038', held. Perf'd csg @ 6992'. Sqz'd 100 sx class C cmt @ 6992-6530'. WOC. 11/12/18 Pressure tested 5 1/2 csg, held 500 psi. Tagged plug @ 6200'. Circ'd hole w/ salt gel. Pressure tested csg, held 500 psi. Perf'd csg @ 4375'. Established inj rate but could not Sqz. Spotted 40 sx class C cmt @ 4425-4025'. WOC. 11/13/18 Tagged plug @ 3950'. Perf'd csg @ 3544'. Established inj rate but could not Sqz. Spotted 35 sx class C cmt @ 3594-3240'. WOC. Tagged plug @ 3209'. 11/14/18 Perf'd csg @ 2955'. Pressured up on perfs to 500 psi. Spotted 35 sx class C cmt @ 3005-2659'. WOC. Tagged plug @ 2630'. Perf'd csg @ 1100'. Pressured up on perfs to 500 psi. Spotted 35 sx class C cmt @ 1150-804'. WOC. 11/05/18 Tagged plug @ 762'. Perf'd csg @ 551'. Pressured up on perfs to 500 psi. ND BOP. Spotted 70 sx class C cmt @ 601' & circ'd to surface. Verified cmt to surface. Riggged down & moved off. 11/16/18 Moved in backhoe and welder. Dug out cellar. Cut off well head. Cmt not @ surface. 11/20/18 Used 1" hose down 8 5/8" Pumped 20 sx class C cmt @ 22' to surface. Cleaned location & moved off. 11/26/18 Moved in backhoe and welder. Dug out cellar, cut off well head, verified cmt to surface. Welded on "Below Ground Dry Hole Marker". Backfilled cellar, cut off deadmen, cleaned location, and moved off.

RECLAMATION PROCEDURE
ATTACHED

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Onetha Aaron

Title *Oper Engr Tech*

RECLAMATION

Signature *Onetha Aaron*

Date *12-14-18*

DUE 5-20-18

THE 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

ACCEPTED FOR RECORD

DEC 18 2018

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 person or the Bureau of Land Management any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

ENTERED
12-16-18



BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 E. Greene St.
Carlsbad, New Mexico 88220-6292
www.blm.gov/nm



In Reply Refer To: 1310

Reclamation Objectives and Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its pre-disturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any and all contaminants, scrap/trash, equipment, pipelines and powerlines. Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip and seed as specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.
2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.
3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.
4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you 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

Henryetta Price
Environmental Protection Specialist
575-234-5951

Shelly Tucker
Environmental Protection Specialist
575-234-5979

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