

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 25 2019

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.
NMLC069041

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 27. If Unit or CA/Agreement, Name and/or No.
NM061P3584C4151. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.
SOUTH SHUGART DEEP 12. Name of Operator
COG OPERATING LLCContact: ABIGAIL ANDERSON
E-Mail: abbym@bcmmandassociates.com9. API Well No.
30-015-23938-00-S13a. Address
600 W ILLINOIS AVENUE
MIDLAND, TX 797013b. Phone No. (include area code)
Ph: 432-580-716110. Field and Pool or Exploratory Area
SHUGART4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 4 T19S R31E NENW 760FNL 1980FWLCarlsbad Field Office
OCD Artesia11. County or Parish, State
EDDY COUNTY, NM

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 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.

1. Tag PBDT. Set 5 1/2 CIBP @ 13,165'. Cap w/ 25 sx or dump bail 35'.
2. Set 5 1/2 CIBP @ 11,775'. Circ hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 11,775-11,675'.
3. Spot 25 sx cmt @ 11440-11240'. (T/Morrow)
4. Perf & Sqz 50 sx cmt @ 9510-9310'. WOC & Tag (T/WC)
5. Perf & Sqz 50 sx cmt @ 7990-7810'. WOC & Tag (T/BS)
6. Cut & POH 5 1/2" csg @ 4200'.
7. Spot 50 sx cmt @ 4250-4100'. WOC & Tag (Stub & Shoe)
8. Spot 405 sx cmt @ 2250-800'. WOC & Tag (R-111-P)
9. Spot 185 sx cmt @ 550' to surface.
10. Cut off well head, verify cmt to surface, weld on Below Ground Dry Hole Marker.

SEE ATTACHED FOR
CONDITIONS OF APPROVALGC 6/26/19
Accepted for record - NMOC

See Revised Procedure.

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

Electronic Submission #466407 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 05/22/2019 (19PP2220SE)

Name (Printed/Typed) ABIGAIL ANDERSON

Title AGENT

Signature (Electronic Submission)

Date 05/22/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ZOTA STEVENS

Title PETROLEUM ENGINEER

Date 05/23/2019

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 Carlsbad

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 **

REVISED P & A PROCEDURE

1. Tag PBTD. Set 5 1/2 CIBP @ 13,165'. Cap w/ 25 sx or dump bail 35'.
2. Set 5 1/2 CIBP @ 11,775'. Circ hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 11,775-11,675'.
3. Spot 25 sx cmt @ 11440-11240'. (T/Morrow)
4. Spot Class H from 11111' – 10810'.
5. Spot Class H from 10630' – 10380'.
6. Perf & Sqz 50 sx cmt @ 9510-9310'. WOC & Tag (T/WC)
7. Perf & Sqz 50 sx cmt @ 7990-7810'. WOC & Tag (T/BS)
8. Cut & POH 5 1/2" csg @ 4200'.
9. Spot 50 sx cmt @ 4250-4100'. WOC & Tag (Stub & Shoe)
10. Spot 405 sx cmt @ 2250-800'. WOC & Tag (R-111-P)
11. Spot 185 sx cmt @ 550' to surface.
12. Cut off well head, verify cmt to surface, and weld on Below Ground Dry Hole Marker.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.