

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office

FORM APPROVED
OMB NO. 1004-0137
Expires January 31, 2018

OCD Artesia
5. Lease Serial No.
C029020L

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 | | 6. If Indian, Allottee or Tribe Name |
| 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. |
| 2. Name of Operator COG OPERATING LLC Contact: ROBYN RUSSELL E-Mail: russell@concho.com | | 8. Well Name and No. SHAWNEE FEDERAL 2 |
| 3a. Address 600 W ILLINOIS AVENUE MIDLAND, TX 79701 | 3b. Phone No. (include area code) Ph: 432-685-4385 | 9. API Well No. 30-015-30980-00-S1 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 15 T17S R30E NWSE 2100FSL 1650FEL | | 10. Field and Pool or Exploratory Area LOCO HILLS-QU-GB-SA |
| | | 11. 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 checked="" type="checkbox"/> Other Right of Way |
| | <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 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.

COG Operating LLC respectfully requests to change the flowline for this well from steel surface pipe to 2" poly surface lines with a 125 MAX PSI rating. The working psi will be below 125psi and used to transport produce water, oil and gas.

Original Flowline length: 1156'
New Flowline length: 1815'

Flowline route will be as shown on attached map.

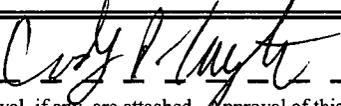
RECEIVED

JUN 25 2019

DISTRICT II-ARTESIA O.C.D.

| | |
|--|--------------------------|
| 14. I hereby certify that the foregoing is true and correct. Electronic Submission #466695 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by JUANA MEDRANO on 05/28/2019 (19JM0052SE) | |
| Name (Printed/Typed) ROBYN RUSSELL | Title REGULATORY ANALYST |
| Signature (Electronic Submission) | Date 05/28/2019 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|--|---|
| Approved By  | Title  | Date 05/29/2019 |
| 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  |

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 **

Revisions to Operator-Submitted EC Data for Sundry Notice #466695

| | Operator Submitted | BLM Revised (AFMSS) |
|----------------|---|---|
| Sundry Type: | ROW NOI | ROW NOI |
| Lease: | NMLC029020L | NMLC029020L |
| Agreement: | | |
| Operator: | COG OPERATING LLC 600 W. ILLINOIS AVE MIDLAND, TX 79701 Ph: 432-683-7443 | COG OPERATING LLC 600 W ILLINOIS AVENUE MIDLAND, TX 79701 Ph: 432.685.4385 |
| Admin Contact: | ROBYN RUSSELL REGULATORY ANALYST E-Mail: russell@concho.com Ph: 432-685-4385 | ROBYN RUSSELL REGULATORY ANALYST E-Mail: russell@concho.com Ph: 432-685-4385 |
| Tech Contact: | ROBYN RUSSELL REGULATORY ANALYST E-Mail: russell@concho.com Ph: 432-685-4385 | ROBYN RUSSELL REGULATORY ANALYST E-Mail: russell@concho.com Ph: 432-685-4385 |
| Location: | | |
| State: | NM | NM |
| County: | EDDY | EDDY |
| Field/Pool: | LOCO HILLS; GLORIETA-YESO | LOCO HILLS-QU-GB-SA |
| Well/Facility: | SHAWNEE FEDERAL 2 Sec 15 T17S R30E Mer NMP NWSE 2100FSL 1650FEL | SHAWNEE FEDERAL 2 Sec 15 T17S R30E NWSE 2100FSL 1650FEL |

10/22/00

LPC: Conditions of Approval

Timing Limitation Stipulation/Condition of Approval for Lesser Prairie-Chicken: Oil and gas activities including 3-D geophysical exploration, and drilling will not be allowed in lesser prairie-chicken habitat during the period from March 1 through June 15 annually. During that period, other activities that produce noise or involve human activity, such as the maintenance of oil and gas facilities, geophysical exploration other than 3-D operations, and pipeline, road, and well pad construction, will be allowed except between 3:00 am and 9:00 am. The 3:00 am to 9:00 am restriction will not apply to normal, around-the-clock operations, such as venting, flaring, or pumping, which do not require a human presence during this period. Additionally, no new drilling will be allowed within up to 200 meters of leks known at the time of permitting. Normal vehicle use on existing roads will not be restricted. Exhaust noise from pump jack engines must be muffled or otherwise controlled so as not to exceed 75 db measured at 30 ft. from the source of the noise.

Upon abandonment, a low profile abandoned well marker will be installed to prevent raptor perching.

The proponent of the proposed action is a Participating Cooperator in the Candidate Conservation Agreement (CCA) for the lesser prairie-chicken (*Tympanuchus pallidicinctus*) and dunes sagebrush lizard (*Sceloporus arenicolus*).

The goal of the Bureau of Land Management (BLM), U.S. Fish and Wildlife Service (USFWS), Center of Excellence for Hazardous Materials Management (CEHMM) and the Participating Cooperator is to reduce and/or eliminate threats to the LPC. By agreeing to conduct the conservation measures described by the CCA, and contribute funding or providing in-kind services for conservation.

BLM Serial #:
Company Reference:

Seed Mixture for LPC Sand/Shinnery Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure

this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

| <u>Species</u> | <u>lb/acre</u> |
|---------------------|----------------|
| Plains Bristlegrass | 5lbs/A |
| Sand Bluestem | 5lbs/A |
| Little Bluestem | 3lbs/A |
| Big Bluestem | 6lbs/A |
| Plains Coreopsis | 2lbs/A |
| Sand Dropseed | 1lbs/A |

*Pounds of pure live seed:

Pounds of seed x percent purity x percent germination = pounds pure live seed

Hydrology:

Tank battery locations will be lined and bermed. A 20 mil permanent liner will be installed with a 4 oz. felt backing to prevent tears or punctures. Tank battery berms must be large enough to contain 1 ½ times the content of the largest tank or 24 hour production, whichever is greater. Automatic shut off, check valves, or similar systems will be installed for tanks to minimize the effects of catastrophic line failures used in production or drilling.

Prior to pipeline installation/construction a leak detection plan will be developed. The method(s) could incorporate gauges to detect pressure drops, situating valves and lines so they can be visually inspected periodically or installing electronic sensors to alarm when a leak is present. The leak detection plan will incorporate an automatic shut off system that will be installed for proposed pipelines to minimize the effects of an undesirable event.