

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

BLM-ROSWELL FIELD OFFICE

FORM APPROVED  
OMB No 1004-0137  
Expires: March 31, 2007

S

## 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 reverse side.**1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

FEB 06 2008

2. Name of Operator  
COG Operating LLC

OCD-ARTESIA

3a. Address  
550 W. Texas Ave., Suite 1300 Midland, TX 797013b. Phone No. (include area code)  
432-685-4340

4. Location of Well (Footage, Sec., T, R, M, or Survey Description)

1741 FNL & 1060 FWL SEC. 10, T17S, R30E SURFACE  
1650 FNL & 990 FWL SEC. 10, T17S, R30E BHL

5. Lease Serial No.

NM-0467931

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

ELECTRA FEDERAL #13

9. API Well No.

30-0155773

35473

10. Field and Pool, or Exploratory Area

LOCO HILLS; Glorietta Yeso

11. County or Parish, State

EDDY, NM

## 12. CHECK 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"/> Fracture Treat	<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 APD extension
	<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 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall 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 permission for an extension to this APD scheduled to expire 3-7-08.

SEE ATTACHED FOR  
CONDITIONS OF APPROVALAPPROVED FOR 2 MONTH PERIOD  
ENDING 3-7-1014. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Phyllis A. Edwards

Title Regulatory Analyst

Signature

Phyllis A. Edwards

Date

01/09/2008

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Is/ Don Peterson

FIELD MANAGER

Title

Date

FEB - 4 2008

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 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)

**PECOS DISTRICT  
CONDITIONS OF APPROVAL**

30-015-35473

OPERATOR'S NAME:	COG Operating LLC
LEASE NO.:	NM0467931
WELL NAME & NO.:	Electra Federal #13
SURFACE HOLE FOOTAGE:	1741' FNL & 1060' FWL
BOTTOM HOLE FOOTAGE	1650' FNL & 990' FWL
LOCATION:	Section 10, T17S., R30E., NMPM
COUNTY:	Eddy County, New Mexico

**I. DRILLING**

**A. DRILLING OPERATIONS REQUIREMENTS**

The BLM is to be notified a minimum of 4 hours in advance for a representative to witness:

- a. Spudding well
- b. Setting and/or Cementing of all casing strings
- c. BOPE tests

☒ **Eddy County**

Call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220,  
(575) 361-2822

- 1. A Hydrogen Sulfide (H<sub>2</sub>S) Drilling Plan should be activated 500 feet prior to drilling into the **Grayburg** formation. **Measurements between 500-1800 ppm in the gas stream.**
- 2. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.

**B. CASING**

- 1. The **13-3/8 inch** surface casing shall be set a **minimum of 25 feet into the Rustler Anhydrite and above the salt at approximately 425 feet** and cemented to the surface.
  - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with a surface log readout will be used or a cement bond log shall be run to verify the top of the cement.

- b. Wait on cement (WOC) time for a primary cement job will be a minimum 18 hours for a water basin, 24 hours in the potash area, or 500 pounds compressive strength, whichever is greater. (This is to include the lead cement). **Please provide WOC times to inspector for cement slurries.**
- c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
- d. If cement falls back, remedial action will be done prior to drilling out that string.

**Possible lost circulation in the Grayburg and San Andres formations.  
Possible water flows in the Salado and Artesia Groups.**

- 2. The minimum required fill of cement behind the 8-5/8 inch intermediate casing is:

☒ Cement to surface. If cement does not circulate see B.1.a-d above.

- 3. The minimum required fill of cement behind the 5-1/2 inch production casing is:

☒ Cement to surface. If cement does not circulate, contact the appropriate BLM office.

- 4. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.

**C. PRESSURE CONTROL**

- 1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53 Sec. 17.
- 2. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
  - a. The tests shall be done by an independent service company.
  - b. The results of the test shall be reported to the appropriate BLM office.
  - c. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.

- d. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug.
- e. A variance to test the surface casing and BOP/BOPE to the reduced pressure of **1500** psi with a third party tester is approved.

**D. DRILL STEM TEST**

If drill stem tests are performed, Onshore Order 2.III.D shall be followed.

**Engineer on call phone (after hours):      Carlsbad: (575) 706-2779**

**WWI 013108**

# Carlsbad Field Office NEPA Checklist

Wednesday, January 23, 2008

CX	NEPA #: NM-520-2008-362	Project Type: OIL WELL EXTENSION	Recd Date: 1/17/2008
Reference Number: NM-467931		Project Name: ELECTRA FED. #13	Routing Started: 01/23/2008
Project Lead: HUNT, BARRY		Applicant: COG OPERATING LLC	Review Due:
<input type="checkbox"/> NEPA Coordinator Initial Review		<input type="checkbox"/> NEPA Coordinator Final Review	Decision Date:

Resource/Activity	Not Present	Not Impacted	**May be Impacted	Reviewer	COA's/Stips Req	Sign Off Date
Wastes, Hazardous or Solid*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hunt, Barry	<input type="checkbox"/>	01/23/2008
Public Health and Safety	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Environmental Justice*	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hunt, Barry	<input type="checkbox"/>	01/23/2008
General Topography/Surface Geology	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Prime or Unique Farmlands*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hunt, Barry	<input type="checkbox"/>	01/23/2008
Lands/Realty, ROW	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Access/Transportation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hunt, Barry	<input type="checkbox"/>	01/23/2008
Vegetation/Forestry	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Livestock Grazing	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hunt, Barry	<input type="checkbox"/>	01/23/2008
Invasive, Non-Native Species*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hunt, Barry	<input type="checkbox"/>	01/23/2008
Air Quality*	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Floodplains*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hunt, Barry	<input type="checkbox"/>	01/23/2008
Water Quality Surface/Ground*	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Watershed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hunt, Barry	<input type="checkbox"/>	01/23/2008
Mineral Materials	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Potash	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hunt, Barry	<input type="checkbox"/>	01/23/2008
Federally Proposed, Threatened or Endangered Species*	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Hunt, Barry	<input type="checkbox"/>	01/23/2008
USFWS Concurrence						
Wetlands/Riparian Zones*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Special Status Species	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Wildlife Habitat	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hunt, Barry	<input type="checkbox"/>	01/23/2008
Cave/Karst Resources	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
ACEC's*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hunt, Barry	<input type="checkbox"/>	01/23/2008
Wild/Scenic Rivers*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hunt, Barry	<input type="checkbox"/>	01/23/2008
Wilderness*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Outdoor Recreation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Visual Resources	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Native American Religious Concerns*	Unk	Unk	Unk	Stein, Martin 07-344 and 07-414	<input type="checkbox"/>	01/23/2008
Cultural Resources*	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Paleontology	Unk	Unk	Unk			

\* "Critical Element" --- must be addressed in all NEPA documents

\*\* "Affected Element" --- must be addressed in the attached EA

\*1 May affect T&E, Not likely to be Adversely Affected

\*2 May affect T&E, likely to be Adversely Affected

Reason for Delay:

**CATEGORICAL EXCLUSION DECISION RECORD – CX #-0362**

**PROPOSED ACTION**

BLM Office Lease No. NM-467931

Description of Proposed Action: COG Operating LLC (OIL WELL EXTENSION)

Location and name of Proposed Action:

**Electra Fed. #13:**

**1741 FNL & 1060 FWL, Section 10, T. 17 S., R. 30 E**

The company is requesting an extension of a previously approved application to drill an oil well (250 x 185 ft. pad and 125 x 125 ft. plastic lined pit). There will be 285 ft. of new access road and a surface flowline. The location will be turned to a V-Door South with the pits to the east.

**PLAN CONFORMANCE**

The proposed action is subject to the following land use plan: Carlsbad Resource Management Plan and 1997 Amendment.

Approval Date: October 1997. APD originally approved on: 03/07/07. EA#: NM-520-07-0323. Arch. #: 07-344 & 414.

The above Proposed Action has been reviewed and has been found to be in conformance as required by 43 CFR 1610.5 and BLM MS 1617.3.

**NEPA REVIEW**

The Proposed Action has been reviewed to determine if any of the exceptions described in 516 DM 2, Appendix 2, apply. The Proposal qualifies as a categorical exclusion under 516 DM 2, Appendix 1, for this(these) reason(s):

B.(3). Approval of minor modifications or minor variances from activities described in approved development/production plans (e.g. the approved plan identifies no new surface disturbance outside the area already identified to be disturbed.)

Preparer: Barry W. Hunt

Date: 01/23/08

Field Manager/Asst Field Mgr: \_\_\_\_\_ Date: \_\_\_\_\_