



Form 3160-5  
(April 2004)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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.*

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

AUG 13 2007

OCDA-ARTESIA

5. Lease Serial No.	NM-074935
6. If Indian, Allottee or Tribe Name	
7. If Unit or CA/Agreement, Name and/or No	
8. Well Name and No.	Electra Federal #11
9. API Well No.	30-015-35427
10. Field and Pool, or Exploratory Area	Loco Hills; Glorieta Yeso
11. County or Parish, State	Eddy, NM

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
COG Operating LLC

3a. Address  
550 W. Texas Ave., Suite 1300 Midland, TX 79701

3b. Phone No. (include area code)  
432-685-4332

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2310 FSL & 990 FWL  
Sec.10, T17S, R30E, Unit L

**12. CHECK 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"/> 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 Completion
	<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 shall 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 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.)

07/14/2007 Perforate @ 5523'-5834, 60 holes, 2 SPF.  
07/16/2007 Acidize w/ 2390 gal Acid.  
07/17/2007 Frac w/ 81,093 gals gel, 90,360 16/30 white sand.  
07/18/2007 Perforate @ 5097-5410, 42 holes, 2 SPF.  
07/19/2007 Acidize w/1980 gal Acid.  
07/20/2007 Frac w/89,797 gals gel, 8000# LiteProp, 89,840# 16/30 white sand.  
07/23/2007 RIH w/189 jts. 2 7/8" tbg., SN @ 5865. RIH w/ 2 1/2"x24RHC pump. Hang well on.

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

Kanicia Carrillo

Title Regulatory Analyst

Signature

Date

08/10/2007

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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.

Title

Date

Office

Title 18 USC Section 1001 and Title 43 USC 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)

## DISTRICT I

1025 N. FRENCH DR., ROSA, NM 88240

## DISTRICT II

1301 W. GRANT AVENUE, ARIZONA, NM 88210

## DISTRICT III

1000 Rio Brases Rd., Aztec, NM 87410

## DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

## State of New Mexico

Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-35427	Pool Code 96718	Pool Name Loco Hills; Glorieta-Yeso
Property Code 302483	Property Name ELECTRA FEDERAL	Well Number 11
OCRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3706'

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	10	17-S	30-E		2310	SOUTH	990	WEST	EDDY

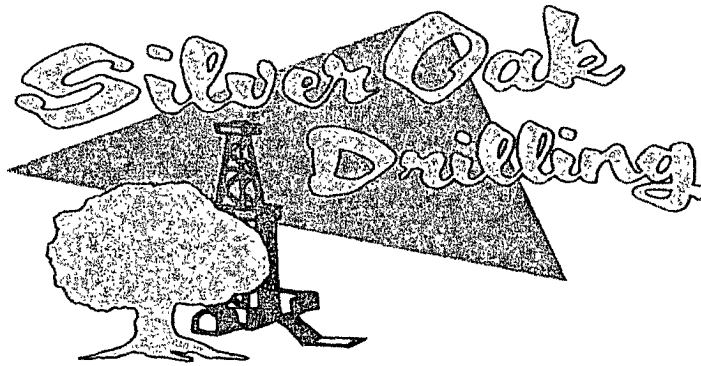
## Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Jerry W. Sherrell</i> 12/22/06 Signature Date</p> <p>Jerry W. Sherrell Printed Name</p>
	<p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>NOVEMBER 16, 2006</p> <p>Date Surveyed LA</p> <p>Signature &amp; Seal of Professional Surveyor</p> <p><i>Gary A. Edson</i> 12/07/06 06.11.1789</p> <p>Certificate No. GARY EDSON 12841</p>
	<p><b>GEODETIC COORDINATES</b></p> <p>NAD 27 NME</p> <p>Y=672412.6 N X=613232.1 E</p> <p>LAT.=32.848004° N LONG.=103.964630° W</p>



PO Box 1370  
Artesia, NM 88211-1370  
(505) 748-1288

July 10, 2007

COG, LLC  
Fasken Center, Tower II  
550 West Texas Ave, Suite 1300  
Midland, TX 79701

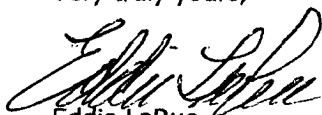
RE: Electra Federal #11  
2310' FSL & 990' FWL  
Sec. 10, T17S, R30E  
Eddy County, New Mexico

Dear Sir,

The following is the Deviation Survey for the above captioned well.

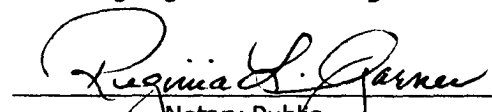
<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
517.00	1.50	1765.00	1.00	3881.00	1.00
713.00	1.00	2110.00	0.75	4190.00	0.50
1057.00	2.25	2389.00	0.25	4971.00	1.25
1183.00	2.50	2729.00	0.75	5315.00	0.25
1306.00	2.00	3039.00	1.00	5719.00	0.50
1486.00	1.00	3351.00	0.50	6110.00	1.25

Very truly yours,

  
Eddie LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 10<sup>th</sup> day of July, 2007.

  
Notary Public

