

**New Mexico Oil Conservation Division, District I**  
**1625 N. French Drive**  
**Hobbs, NM 88240**

**RECEIVED**  
 Form 3160-3  
 (April 2004)

**JAN 06 2010**

**HOBBSON**

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

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

**SUNDRIES 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

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

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

3b. Phone No. (include area code)  
**432-685-4340**

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

5. Lease Serial No.  
**VARIOUS**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**VARIOUS**

9. API Well No  
**VARIOUS**

10. Field and Pool, or Exploratory Area  
**VARIOUS**

11. County or Parish, State  
**VARIOUS**

**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 <b>Amend attached</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>list of APD's</b>
	<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.)

Regarding the attached list of APD's and locations, please be advised that:

**COG Operating LLC will purchase onsite caliche from the BLM to be purchased at the current rate set by the BLM.**

**The topsoil will be stockpiled and used during interim reclamation.**

**In the event that onsite caliche is not available, COG will purchase caliche from a BLM caliche pit at the current rate set by the BLM.**

**In the event that there is no BLM caliche pit within five miles of the location, COG will obtain caliche from a state or private pit.**

**ORIGINAL SUNDRIES TO: Bureau of Land Management in Carlsbad and Roswell, NM**

14 I hereby certify that the foregoing is true and correct  
 Name (Printed/Typed) **Phyllis Edwards** Title **Regulatory Analyst**

Signature *Phyllis Edwards* Date **12/10/2009**

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

Approved by \_\_\_\_\_ Title **PETROLEUM ENGINEER** Date **JAN 07 2010**

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 **KZ**

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)

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 2/22/09  
 BUREAU OF LAND MGMT  
 ROSWELL OFFICE  
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**HOBBSOCD**

Well Name	County	API #	Lease Number	Location	Sec, Township, Range
Andromeda 14 Federal Com #1H	Chaves	3000527975	NMNM-105887	660 FNL, 330 FEL	Sec 14, T15S, R31E, Unit A ✓
Andromeda 14 Federal Com #2H	Chaves	3000527976	NMNM-105887	1980 FNL, 850 FEL	Sec 14, T15S, R31E, Unit H
Andromeda Federal #3H	Chaves	3000527977	NMNM-105887	1650 FSL, 330 FWL	Sec 14, T15S, R31E, Unit L ✓
Gemini Federal #1H	Chaves	3000527972	NMNM-105886	330 FSL, 330 FEL	Sec 12, T15S, R31E, Unit P
Hercules Federal Com #1H	Chaves	3000527999	NMNM105885	1980' FNL, 330' FWL	Sec 15, T15S, R31E, Unit E ✓
Hercules Federal Com #2H	Chaves	3000529049	NMNM105885	660 FNL, 430 FWL	Sec 15, T15S, R31E, Unit D ✓
Hercules Federal Com #3H	Chaves	3000529050	NMNM105885	1980 FSL, 430 FWL	Sec 15, T15S, R31E, Unit L ✓
Hercules Federal Com #4H	Chaves	3000529076	NMNM105885	990 FSL, 330 FEL	Sec 15, T15S, R31E, Unit P ✓
Leo 3 Fed Com 1H	Chaves		NMNM105885	660 FSL, 430 FEL	Sec 3, T15S, R31E, Unit P
Leo 3 Fed Com 2H	Chaves		NMNM105885	1980 FSL, 430 FEL	Sec 3, T15S, R31E, Unit I
Orion Federal Com #1H	Chaves	3000527978	NMNM105887	1980 FNL, 330 FEL	Sec 13, T15S, R31E, Unit H ✓
Orion Federal Com #3H	Chaves	3000528001	NMNM105887	660 FSL, 330 FEL	Sec 13, T15S, R31E, Unit P ✓
Taurus Federal #1H	Chaves	3000528000	NMNM105885	330 FSL, 330 FWL	Sec 10, T15S, R31E, Unit M ✓

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ROSWELL OFFICE

## LEA COUNTY, NM

Well Name	County	API #	Lease Number	Location	Sec, Township, Range
B C Federal #18	Lea	3002538725	NMLC029405A	642 FNL, 742 FWL	Sec 19, T17S, R32E, Unit D
B C Federal #29	Lea	3002538814	NMLC029405A	1790 FNL, 480 FWL	Sec 20, T17S, R32E, Unit E
B C Federal #31	Lea	3002538713	NMLC029405A	1690 FNL, 2150 FEL	Sec 20, T17S, R32E, Unit G
B C Federal #34	Lea		NMLC029405A	990 FNL, 1190 FWL	Sec 19, T17S, R32E, Unit D
B C Federal #37	Lea	3002539358	NMLC029405A	760 FNL, 250 FWL	Sec 19, T17S, R32E, Unit D
B C Federal #38	Lea	3002539299	NMLC029405A	1450 FNL, 990 FWL	Sec 19, T17S, R32E, Unit E
B C Federal #39	Lea	3012539290	NMLC029405A	2360 FNL, 1650 FWL	Sec 19, T17S, R32E, Unit F
B C Federal #40	Lea	3002539414	NMLC029405A	330 FNL, 990 FWL	Sec 20, T17S, R32E, Unit D
B C Federal #41	Lea	3002539415	NMLC029405A	330 FNL, 1920 FEL	Sec 20, T17S, R32E, Unit B
B C Federal #42	Lea	3002539416	NMLC029405A	2310 FNL, 330 FWL	Sec 20, T17S, R32E, Unit E
B C Federal #44	Lea	3002539418	NMLC029405A	330 FNL, 990 FEL	Sec 19, T17S, R32E, Unit A
B C Federal #45	Lea	3002539419	NMLC029405A	314 FNL, 1990 FWL	Sec 19, T17S, R32E, Unit C
B C Federal #46	Lea		NMLC029405A	990 FNL, 330 FEL	Sec 19, T17S, R32E, Unit A
B C Federal #47	Lea	3002539543	NMLC029405A	990 FNL, 1650 FEL	Sec 19, T17S, R32E, Unit B
B C Federal #48	Lea	3002539496	NMLC029405A	925 FNL, 1604 FWL	Sec 19, T17S, R32E, Unit C
B C Federal #49	Lea	3002539467	NMLC029405A	1205 FNL, 330 FEL	Sec 19, T17S, R32E, Unit A
B C Federal #51	Lea	3002539469	NMLC029405A	1565 FNL, 2130 FWL	Sec 19, T17S, R32E, Unit F
B C Federal #52	Lea		NMLC029405A	1985 FNL, 2242 FEL	Sec 19, T17S, R32E, Unit G
B C Federal #53	Lea		NMLC029405A	738 FNL, 73 FEL	Sec 20, T17S, R32E, Unit A
B C Federal #54	Lea		NMLC029405A	330 FNL, 330 FWL	Sec 20, T17S, R32E, Unit D
B C Federal #55	Lea	3002539544	NMLC029405A	330 FNL, 2310 FWL	Sec 20, T17S, R32E, Unit C
B C Federal #57	Lea	3002539497	NMLC029405A	990 FNL, 1650 FWL	Sec 20, T17S, R32E, Unit C
B C Federal #59	Lea	3002539470	NMLC029405A	1650 FNL, 330 FEL	Sec 20, T17S, R32E, Unit H
B C Federal #61	Lea		NMLC029405A	990 FSL, 1650 FEL	Sec 20, T17S, R32E, Unit G
G C Federal #19	Lea	3002539162	NMLC029405B	520 FSL 275 FEL	Sec 19, T17S, R32E, Unit P
G C Federal #21	Lea	3002539267	NMLC029405B	1980 FSL 2110 FEL	Sec 20, T17S, R32E, Unit J
G C Federal #22	Lea	3002539268	NMLC029405B	2310 FSL 990 FEL	Sec 20, T17S, R32E, Unit I
G C Federal #23	Lea	3002539269	NMLC029405B	2030 FSL 1975 FWL	Sec 20, T17S, R32E, Unit K
G C Federal #26	Lea	3002539282	NMLC029405B	1005 FSL 315 FWL	Sec 20, T17S, R32E, Unit M
G C Federal #28	Lea	3002539323	NMLC029405B	990 FSL 2510 FEL	Sec 20, T17S, R32E, Unit O
G C Federal #34	Lea	3002539420	NMLC029405B	1985 FSL 585 FWL	Sec 19, T17S, R32E, UL L, Lot 3
G C Federal #35	Lea	3002539421	NMLC029405B	1750 FSL 2310 FEL	Sec 19, T17S, R32E, Unit J
G C Federal #37	Lea		NMLC029405B	2550 FSL 1970 FEL	Sec 20, T17S, R32E, Unit J
G C Federal #38	Lea	3002539471	NMLC029405B	1865 FSL 541 FEL	Sec 20, T17S, R32E, Unit I
G C Federal #39	Lea	3002539515	NMLC029405B	2410 FSL 265 FEL	Sec 20, T17S, R32E, Unit I
G C Federal #40	Lea		NMLC029405B	480 FSL 930 FWL	Sec 20, T17S, R32E, Unit M
G C Federal #45	Lea	3002539473	NMLC029405B	750 FSL 2115 FEL	Sec 20, T17S, R32E, Unit O
G C Federal #49	Lea	3002539422	NMLC029405B	385 FSL 1170 FEL	Sec 19, T17S, R32E, Unit P
G C Federal #50	Lea		NMLC029405B	770 FSL 330 FWL	Sec 19, T17S, R32E, UL M, Lot 4
G C Federal #54	Lea	3002539498	NMLC029405B	840 FSL, 1650 FEL	Sec 19, T17S, R32E, Unit O
G C Federal #56	Lea	3002539474	NMLC029405B	1100 FSL 1910 FEL	Sec 19, T17S, R32E, Unit O
G C Federal #6	Lea	3002538545	NMLC029405B	2310 FSL, 330 FWL	Sec 20, T17S, R32E, Unit L
G C Federal #62	Lea	3002539475	NMLC029405B	2425 FSL 1855 FWL	Sec 20, T17S, R32E, Unit K
G C Federal #63	Lea	3002539476	NMLC029405B	2005 FSL 1900 FWL	Sec 20, T17S, R32E, Unit K

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## LEA COUNTY, NM

Well Name	County	API #	Lease Number	Location	Sec, Township, Range
JC Federal #17	Lea	3002538831	NMLC029509B	2310 FNL 1650 FWL	Sec 22, T17S, R32E, Unit F
JC Federal #19	Lea	3002538995	NMLC029509B	2160 FNL 2310 FEL	Sec 22, T17S, R32E, Unit G
JC Federal #20	Lea	3002539087	NMLC029509B	2310 FSL 990 FWL	Sec 22, T17S, R32E, Unit L
JC Federal #27	Lea	3002539247	NMLC029509B	1240 FSL 990 FWL	Sec 22, T17S, R32E, Unit M
JC Federal #29	Lea	3002539167	NMLC029509B	720 FSL 1890 FEL	Sec 21, T17S, R32E, Unit O
JC Federal #33	Lea	3002539291	NMLC029509B	1650 FNL 2310 FEL	Sec 22, T17S, R32E, Unit G
JC Federal #34	Lea	3002539542	NMLC029509B	1045 FSL 885 FEL	Sec 21, T17S, R32E, Unit P
JC Federal #35	Lea	3002539506	NMLC029509B	990 FSL 2200 FEL	Sec 21, T17S, R32E, Unit O
JC Federal #36	Lea		NMLC029509B	305 FSL 675 FEL	Sec 21, T17S, R32E, Unit P
JC Federal #38	Lea	3002539477	NMLC029509B	330 FNL 990 FEL	Sec 22, T17S, R32E, Unit A
JC Federal #39	Lea	3002539478	NMLC029509B	330 FNL 1650 FWL	Sec 22, T17S, R32E, Unit C
JC Federal #42	Lea		NMLC029509B	1100 FNL 2465 FWL	Sec 22, T17S, R32E, Unit C
JC Federal #44	Lea		NMLC029509B	1650 FNL 990 FEL	Sec 22, T17S, R32E, Unit H
JC Federal #45	Lea		NMLC029509B	1680 FNL 1410 FWL	Sec 22, T17S, R32E, Unit F
JC Federal #46	Lea		NMLC029509B	2310 FNL 330 FEL	Sec 22, T17S, R32E, Unit H
JC Federal #51	Lea	3002539481	NMLC029509B	1585 FSL 2095 FWL	Sec 22, T17S, R32E, Unit K
JC Federal #52	Lea		NMLC029509B	990 FSL 330 FWL	Sec 22, T17S, R32E, Unit M
JC Federal #53	Lea		NMLC029509B	990 FSL 1650 FWL	Sec 22, T17S, R32E, Unit N
JC Federal #56	Lea		NMLC029509B	1650 FSL 1500 FEL	Sec 22, T17S, R32E, Unit J
MC Federal #15	Lea	3002538835	NMLC029509A	330 FNL, 600 FWL	Sec 21, T17S, R32E, Unit D
MC Federal #30	Lea	3002539058	NMLC029509B	1725 FNL 2310 FWL	Sec 21, T17S, R32E, Unit F
MC Federal #31	Lea	3002538999	NMLC029509B	2410 FNL 330 FWL	Sec 22, T17S, R32E, Unit E
MC Federal #35	Lea	3002539107	NMLC029509B	1395 FSL 105 FWL	Sec 21, T17S, R32E, Unit L
MC Federal #38	Lea	3002539292	NMLC029509B	2310 FSL 815 FWL	Sec 21, T17S, R32E, Unit L
MC Federal #39	Lea	3002539293	NMLC029509B	2010 FNL 1840 FEL	Sec 21, T17S, R32E, Unit G
MC Federal #40	Lea	3002539423	NMLC029509B	715 FNL 230 FWL	Sec 21, T17S, R32E, Unit D
MC Federal #41	Lea	3002539424	NMLC029509B	990 FNL 2210 FEL	Sec 21, T17S, R32E, Unit B
MC Federal #42	Lea	3002539425	NMLC029509B	2240 FNL 330 FWL	Sec 21, T17S, R32E, Unit E
MC Federal #43	Lea		NMLC029509B	330 FNL 990 FWL	Sec 22, T17S, R32E, Unit D
MC Federal #44	Lea	3002539507	NMLC029509A	330 FNL 990 FWL	Sec 21, T17S, R32E, Unit D
MC Federal #45	Lea		NMLC029509B	135 FNL 330 FEL	Sec 21, T17S, R32E, Unit A
MC Federal #46	Lea		NMLC029509B	415 FNL 1600 FWL	Sec 21, T17S, R32E, Unit C
MC Federal #47	Lea		NMLC029509B	310 FNL 1650 FEL	Sec 21, T17S, R32E, Unit B
MC Federal #49	Lea	3002539499	NMLC029509B	940 FNL 1000 FEL	Sec 21, T17S, R32E, Unit A
MC Federal #53	Lea	3002539426	NMLC029509B	1665 FNL 1700 FEL	Sec 21, T17S, R32E, Unit G
MC Federal #54	Lea	3002539427	NMLC029509B	1650 FNL 1650 FWL	Sec 21, T17S, R32E, Unit F
MC Federal #59	Lea		NMLC029509B	2310 FSL 1650 FEL	Sec 21, T17S, R32E, Unit J
MC Federal #60	Lea		NMLC029509B	2310 FSL 2310 FWL	Sec 21, T17S, R32E, Unit K
MC Federal #65	Lea		NMLC029509B	905 FSL 2310 FWL	Sec 21, T17S, R32E, Unit N
MC Federal #66	Lea	3002539500	NMLC029509B	1025 FSL, 635 FWL	Sec 21, T17S, R32E, Unit M
SC Federal #3	Lea	3002539260	NMLC058395	1000 FSL, 1650 FEL	Sec 22, T17S, R32E, Unit O
SC Federal #4	Lea	3002539257	NMLC058395	1230 FSL, 420 FEL	Sec 22, T17S, R32E, Unit P
SC Federal #5	Lea	3002539258	NMLC058395	660 FSL, 1980 FEL	Sec 22, T17S, R32E, Unit O
SC Federal #6	Lea	3002539259	NMLC058395	545 FSL, 900 FEL	Sec 22, T17S, R32E, Unit P

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 BUREAU OF LAND MANAGEMENT  
 ROSWELL OFFICE

# Memo

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HOBBSOCD

**To:** file  
**From:** Al Collar  
**CC:**  
**Date:** 12/29/2009  
**Re:** COG sundry notice: various wells

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COG submitted a sundry notice for various wells on December 14, 2009. The sundry requested approval to purchase caliche from the well location for the following APD's:

Andromeda 14 Federal Com #1H  
Andromeda 14 Federal Com #2H  
Andromeda Federal #3H  
Gemini Federal #1H  
Hercules Federal Com #1H  
Hercules Federal Com #2H  
Hercules Federal Com #3H  
Hercules Federal Com #4H  
Leo 3 Federal Com #1H  
Leo 3 Federal Com #2H  
Orion Federal Com #1H  
Orion Federal Com #3H  
Taurus Federal #1H

This sundry was denied December 29, 2009. Purchase of caliche from an on-site location may be possible, but must be requested on a case-by-case (well-by-well) basis to ensure all environmental and regulatory requirements are met.