Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OM B No 1004-0137 Expires March 31, 2007

DUDEAU OF LAND MANACEMENT					Expires March 31, 2007	
BUREAU OF LAND MANAGEMENT				5 Lease Sen		
SUNDRY NOTICES AND REPORTS ON WELLS					1074935	
Do not use the abandoned w	nis form for proposals to ell. Use Form 3160-3 (A	o drill or to re- APD) for such pr	enter an oposals.	6 If India	n, Allottee or Tribe Name	
	IPLICATE- Other instr	ruct on Portney	E NED	7. If Unit o	or CA/Agreement, Name and/or No.	
1. Type of Well ☐ ☐ ☐ Gas Well ☐ ☐ Other		JAN 07 2010		8. Well Name and No.		
2. Name of Operator COG Operating LLC			NMOCD ARTESIA		Electra Federal - Sour Battery 9. API Well No.	
3a Address 550 W. Texas Ave., Suite 1300 Midland, TX 79701		3b Phone No. (includ			several	
4 Location of Well (Footage, Sec.,	432-003-4372	102 000 1072		nd Pool, or Exploratory Area		
Sec 15, T17S, R30E, Unit F 2310 FNL, 2310 FWL				11. County or Parish, State Eddy County, NM		
12. CHECK AI	PPROPRIATE BOX(ES) TO	INDICATE NATU	RE OF NOTICE, P	EPORT, OF	R OTHER DATA	
TYPE OF SUBMISSION		TY	PE OF ACTION			
Notice of Intent	Acidize Alter Casing Casing Repair	Deepen Fracture Treat	·			
Subsequent Report Casing Repair New Construction Recomplete Change Plans Plug and Abandon Temporarily A				andon		
Final Abandonment Notice Convert to Injection Plug Back Water Disposal						
following completion of the invitesting has been completed. Fir determined that the site is ready Attached is the Facility Dia Well #1, 2, 3, 4, 6, 7, 8, 18, Accepted for Approval Si Date: _/	r Record Purposes. Thitlock Jr	esults in a multiple com iled only after all require Wells in the SourTar	pletion or recompletion i ements, including reclam	n a new interva	reports shall be filed within 30 days al, a Form 3160-4 shall be filed once on completed, and the operator has	
14. Thereby certify that the foreg Name (Printed/Typed) Diane Kuykendal	, ,) (Ritle P	roduction Manager	1 -		
Signature	= tala	A Date	12/18	109		
	THIS SPACE FOR F	EDERAL OR S	TATE OFFICE	ÚSE		
Approved by		T	itle		Pate	
Conditions of approval, if any, are at certify that the applicant holds legal which would entitle the applicant to	or equitable title to those rights in	Alexandrania lanca	office			
Title 18 USC Section 1001 and Title	43 USC Section 1212, make it a	crime for any person kn	owingly and willfully t	o 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)



COG OPERATING LLC

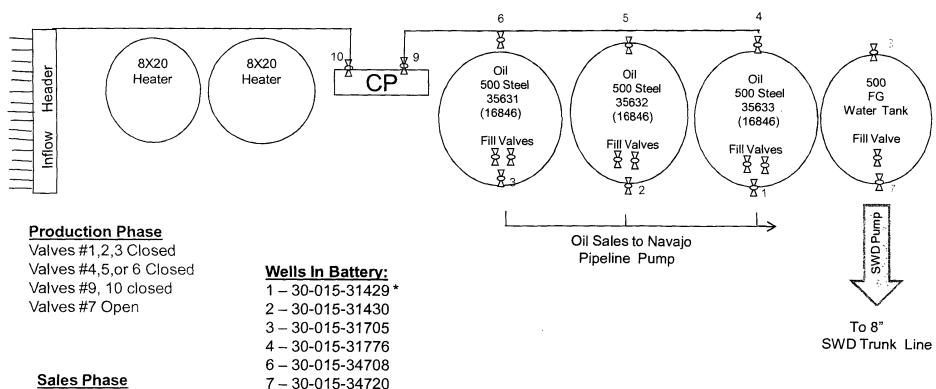
550 W. Texas Ave Ste 100 Midland, Texas 79701 (432)-683-7443

December, 2009

Electra Sour Battery

SE/NW, Sec. 15, T17S, R30E, Unit F NMNM074935 Eddy County, NM





Sales Phase

Valves #1,2 or 3 Open Valves #4,5,6 Closed Valves #9, 10 Closed Valves #7 Open

*indicates battery location

8 - 30 - 015 - 34719

18-30-015-35783

19 - 30-015-35781