

**RECEIVED**Form 3160-3  
(April 2004)**OCD-HOBBS**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAR 10 2008

**HOBBS****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

5. Lease Serial No.

NMNM40450

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Walker Federal #1

9. API Well No.

30-025-28712

10. Field and Pool, or Exploratory Area

Pearsall; Queen 49970

11. County or Parish, State

Lea County, 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)

432-683-7443

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

1980 FSL & 660 FWL  
Sec 5, T18S, R32E, 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 method of
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	water disposal
	<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.)

Producing Formation: Pearsall Queen

Amount Produced: 1 BWPD

Water stored in 500 bbl Water Tank

Water is transported by 4" polypipe to:

Operator: COG Operating LLC

Facility Name: Pronghorn SWD

Well Location: NE/4 NW/4 Sec 24, T19S, R32E, Unit B

330 FNL &amp; 1650 FEL

Lea Co., NM

SWD Permit #: Administrative Order SWD-536

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

Diane Kuykendall

Title Regulatory Analyst

Signature

Date

01/10/2008

**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.

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)

MAR 26 2008



## Water Analysis Report

Company: COG Operating LLC Sample #: 9481  
 Area: Artesia Analysis ID #: 710  
 Lease: WALKER FED.  
 Location: Battery 0  
 Sample Point: Wellhead

		Anions		Cations	
		mg/l	meq/l	mg/l	meq/l
Sampling Date:	1/30/08	Chloride:	98405.9	Sodium:	50185.6
Analysis Date:	2/11/08	Bicarbonate:	317.7	Magnesium:	4392.0
Analyst:	Mitchell Labs	Carbonate:		Calcium:	4020.0
TDS (mg/l or g/m3):	156256.5	Sulfate:	950.0	Strontium:	
Density (g/cm3):	1.108			Barium:	
Hydrogen Sulfide				Iron:	2.4
Carbon Dioxide				Manganese:	4.940
Comments:		pH at time of sampling:	6.6		
		pH at time of analysis:			
		pH used in Calculation:	6.6		
		Temperature @ lab conditions (F):	75	Conductivity (micro-ohms/cm):	158400
				Resistivity (ohm meter):	.0631

### Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl

Temp		Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> ·2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>	
°F	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	
80	0.40	15.96	-0.46	0.00	-0.45	0.00	0.00	0.00	0.00	0.00	
100	0.49	20.18	-0.52	0.00	-0.45	0.00	0.00	0.00	0.00	0.00	
120	0.58	24.69	-0.57	0.00	-0.42	0.00	0.00	0.00	0.00	0.00	
140	0.67	29.51	-0.61	0.00	-0.37	0.00	0.00	0.00	0.00	0.00	