

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 Lease Serial No  
NMNM0467931

1a Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resvr Other _____		7 Unit or CA Agreement Name and No	
2 Name of Operator COG OPERATING LLC		8 Lease Name and Well No ELECTRA FEDERAL 14	
3 Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701		9 API Well No. 30-015-35429-00-S1	
4 Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 10 T17S R30E Mer NMP At surface SENW 1750FNL 2310FWL At top prod interval reported below At total depth		10. Field and Pool, or Exploratory LOCO HILLS	
14 Date Spudded 04/10/2008		15 Date T.D Reached 04/22/2008	
16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 05/13/2008		17 Elevations (DF, KB, RT, GL)* 3724 GL	
18 Total Depth: MD TVD 6047		19 Plug Back T.D MD TVD 5988	
20 Depth Bridge Plug Set. MD TVD		21 Type Electric & Other Mechanical Logs Run (Submit copy of each)	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)			

## 23 Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 500	13 375 H40	48.0		438		1320		0	20
12 250	8.625 J55	32.0		1322		700		0	205
7 875	5.500 L80	17.0		6047		1100		0	216
17.500	13 375 H-40	48.0	0	438		1320		0	
11 000	8 625 J-55	32.0	0	1322		700		0	
7.875	5 500 L-80	17.0	0	6047		1100		0	

## 24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	4897							

## 25 Producing Intervals

## 26 Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) GLORIETA YESO			5000 TO 5200	0.420	36	OPEN
B) YESO	5570	5770	5300 TO 5500	0.420	36	OPEN
C)			5570 TO 5770	0.420	36	OPEN
D)						

## 27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
5000 TO 5200	ACIDIZE W/2,500 GALS HCL ACID FRAC W/65,000 GALS GEL, 85,541# 16/30 SAND, 16,077# SIBERPROP SAND
5300 TO 5500	ACIDIZE W/2,500 GALS HCL ACID FRAC W/63,000 GALS GEL, 69,326# 16/30 SAND, 20,798# SIBERPROP SAND
5570 TO 5770	ACIDIZE W/2,500 GALS HCL ACID FRAC W/63,000 GALS GEL, 38,064# 16/30 SAND, 20,495# SIBERPROP SAND

## 28 Production - Interval A

Date First Produced 05/21/2008	Test Date 05/25/2008	Hours Tested 24	Test Production →	Oil BBL 153.0	Gas MCF 101.0	Water BBL 237.0	Oil Gravity Corr API 38.6	Gas Gravity	ACCEPTED FOR RECORD ELECTRIC PUMPING UNIT JUL 26 2008 BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL 153	Gas MCF 101	Water BBL 237	Gas Oil Ratio	Well Status POW	
28a Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method →
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #61562 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

**28b Production - Interval C**

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

**28c Production - Interval D**

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

29 Disposition of Gas(Sold, used for fuel, vented, etc.)  
**SOLD**

**30. Summary of Porous Zones (Include Aquifers)**

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

**31. Formation (Log) Markers**

Formation	Top	Bottom	Descriptions, Contents, etc	Name	Top Meas Depth
YATES QUEEN SAN ANDRES YESO TUBB	1355 2260 2990 4510 5895				

32. Additional remarks (include plugging procedure)

**33 Circle enclosed attachments:**

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other      |                       |

34 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)

**Electronic Submission #61562 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMS for processing by KURT SIMMONS on 07/21/2008 (08KMS2245SE)**

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature \_\_\_\_\_ (Electronic Submission)

Date 07/18/2008

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***