

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 03 2009

FORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No. NMNM0467931					
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr Other _____						6. If Indian, Allottee or Tribe Name					
2. Name of Operator COG OPERATING LLC						8. Lease Name and Well No. ELECTRA FEDERAL 31					
3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701						9. API Well No. 30-015-36467-00-S1					
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 10 T17S R30E Mer NMP At surface NWNE 1170FNL 2310FEL 32.85294 N Lat, 103.95819 W Lon At top prod interval reported below At total depth						10. Field and Pool, or Exploratory LOCO HILLS 96718					
14. Date Spudded 01/05/2009						15. Date T.D. Reached 01/15/2009		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 02/10/2009		17. Elevations (DF, KB, RT, GL)* 3957 GL	
18. Total Depth. MD TVD 6029			19. Plug Back T.D. MD TVD 5960			20. Depth Bridge Plug Set MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT						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 type="checkbox"/> No <input checked="" 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 Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled		
17.500	13 375 H-40	48.0	0	416		928		0			
11.000	8.625 J-55	24.0	0	1310		780		0			
7.875	5.500 J-55	17.0	0	6028		1000		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	5492										
25. Producing Intervals						26. Perforation Record					
Formation	Top	Bottom	Perforated Interval			Size	No. Holes	Perf. Status			
A) GLORIETA-YESO			4558 TO 4878				33	OPEN			
B) PADDOCK	4558	4878	5050 TO 5250				36	OPEN			
C) BLINEBRY	5670	5870	5320 TO 5520				36	OPEN			
D)			5670 TO 5870				48	OPEN			
27. Acid, Fracture, Treatment, Cement Squeeze, Etc											
Depth Interval			Amount and Type of Material								
4558 TO 4878			ACIDIZE W/72 BBLS ACID								
4558 TO 4878			FRAC W/2762 BBLS GEL, 126,486# 16/30 SAND								
5050 TO 5250			ACIDIZE W/60 BBLS ACID								
5050 TO 5250			FRAC W/3116 BBLS GEL, 178,580# 16/30 SAND								
28. Production - Interval A											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method		
02/16/2009	02/16/2009	24	→	482.0	283.0	675.0	35.0		ELECTRIC-PUMPING UNIT		
Choke Size	Tbg. Press Flwg SI	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status			
		70.0	→	482	283	675	587	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		
02/16/2009	02/16/2009	24	→	482.0	283.0	675.0	35.0	0.60	BUREAU OF ELECTRIC PUMPING UNIT		
Choke Size	Tbg. Press Flwg SI	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status			
		70.0	→	482	283	675		POW			

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

ELECTRONIC SUBMISSION #67478 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/Solid, 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 GLORIETA YESO	1345 2255 2975 4430 4495		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE		

32. Additional remarks (include plugging procedure)
Logs will be mailed

Acid, Fracture, Treatment, Cement Squeeze etc. continued .

5320 - 5520 Acidize w/60 bbls acid
5320 - 5520 Frac w/3095 bbls gel, 177,420# 16/30 sand.
5670 - 5870 Acidize w/60 bbls acid
5670 - 5870 Frac w/3153 bbls gel, 177,098# 16/30 sand.

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 #67478 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 02/24/2009 (09KMS0912SE)

Name (please print) ROBYN ODOM

Title PERSON RESPONSIBLE

Signature (Electronic Submission)

Date 02/23/2009

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 ****