

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUN - 2 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		6. If Indian, Allottee or Tribe Name	
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 _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator COG OPERATING LLC		8. Lease Name and Well No ELECTRA FEDERAL 32	
3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701		9. API Well No. 30-015-36944-00-S1	
3a. Phone No. (include area code) Ph: 432-685-4332		10. Field and Pool, or Exploratory LOCO HILLS	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 10 T17S R30E Mer NMP At surface NWNE 180FNL 1350FEL 32.84490 N Lat, 103.97108 W Lon At top prod interval reported below Sec 10 T17S R30E Mer NMP At total depth NWNE 330FNL 1650FEL		11. Sec., T., R., M., or Block and Survey or Area Sec 10 T17S R30E Mer NMP	
12. County or Parish EDDY		13. State NM	
14. Date Spudded 04/06/2009		15. Date T.D. Reached 04/17/2009	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/07/2009		17. Elevations (DF, KB, RT, GL)* 3728 GL	
18. Total Depth MD 6004 TVD 6004		19. Plug Back T.D.: MD 6004 TVD 6004	
20. Depth Bridge Plug Set. MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT	
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	372		928		0	
11.000	8.625 J-55	24.0	0	1305		500		0	
7.875	5.500 J-55	17.0	0	6004		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	5571							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) GLORIETA-YESO			4605 TO 4822		29	OPEN
B)			5060 TO 5260		36	OPEN
C)			5330 TO 5530		36	OPEN
D)			5620 TO 5820		48	OPEN

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

Depth Interval	Amount and Type of Material
4605 TO 4822	ACIDIZE W/3000 GAL 15% ACID
4605 TO 4822	FRAC W/118,992 GALS GEL, 130,109# 16/30 SAND, 18,615# 16/30 SIBERPROP SAND
5060 TO 5260	ACIDIZE W/3500 GAL 15% ACID.
5060 TO 5260	FRAC W/ 128,390 GALS GEL, 149,225# 16/30 SAND, 32,591# 16/30 SIBERPROP 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
05/14/2009	05/17/2009	24	→	49.0	47.0	774.0	37.7		
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→	49	47	774	959	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 #70051 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	Thg. 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	Thg. 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	1380		DOLOMITE & SAND		
QUEEN	2300		SAND		
SAN ANDRES	3025		DOLOMITE & ANHYDRITE		
GLORIETA	4495		SAND & DOLOMITE		
YESO	4560		DOLOMITE & ANHYDRITE		
TUBB	5920		SAND		

32. Additional remarks (include plugging procedure):

Logs will be mailed.

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

5330-5530 ACIDIZE W/3,500 GAL 15% ACID.

5330-5530 Frac w/129,599 gals gel, 148,790# 16/30 sand, 33,595# 16/30 siberprop 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 #70051 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 05/20/2009 (09KMS1413SE)**

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 05/19/2009

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 ****

Additional data for transaction #70051 that would not fit on the form

32. Additional remarks, continued

5620-5820 ACIDIZE W/3,500 GAL 15% ACID

5620-5820 Frac w/ 131,315 gals gel, 151,106# 16/30 sand, 32,748# 16/30 siberprop sand.