



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUN 23 2009

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ 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 25		
3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701			9. API Well No. 30-015-36739-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 10 T17S R30E Mer NMP At surface SWNE 1650FNL 1650FEL At top prod interval reported below At total depth			10. Field and Pool, or Exploratory LOCO HILLS 96718		
14. Date Spudded 04/12/2009			15. Date T.D. Reached 04/30/2009		
16. Date Completed ☐ D & A ☒ Ready to Prod. 05/20/2009			17. Elevations (DF, KB, RT, GL)* 3732 GL		
18. Total Depth: MD 6010 TVD 6010		19. Plug Back T.D.: MD 5935 TVD 5935		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT			22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☒ No ☐ 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 J-55	48.0	0	360		2855		0	
11.000	8.625 J-55	24.0	0	1345		830		0	
7.875	5.500 J-55	17.0	0	6010		1050		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	5744							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO			4580 TO 4817	0.410	29	OPEN
B) PADDOCK	4580	4817	5040 TO 5240	0.410	36	OPEN
C) BLINEBRY	5600	5800	5310 TO 5510	0.410	36	OPEN
D)			5600 TO 5800	0.410	48	OPEN

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

Depth Interval	Amount and Type of Material
4580 TO 4817	ACIDIZE W/3000 GALS 15% ACID
4580 TO 4817	FRAC W/ 111,032 GALS GEL, 14,472# 16/30 SIBERPROP, 107,463# 16/30 SAND
5040 TO 5240	ACIDIZE W/3500 GALS 15% ACID.
5040 TO 5240	FRAC W/129,909 GALS GEL, 33,112# 16/30 SIBERPROP, 146,304# 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
06/01/2009	06/02/2009	24	→	163.0	155.0	560.0	37.8	
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
SI	70	70.0	→	163	155	560	951	POW

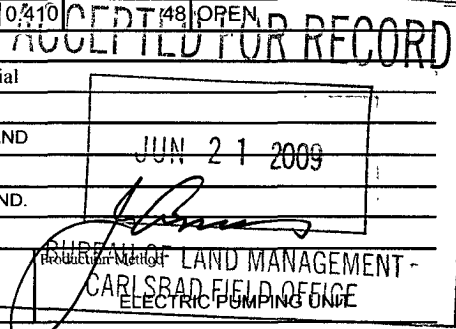
28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
06/01/2009	06/02/2009	24	→	163.0	155.0	560.0	37.8	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
SI	70	70.0	→	163	155	560		POW	

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

ELECTRONIC SUBMISSION #70760 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **



MR

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 GLORIETA YESO TUBB	1375 2280 2995 4460 4525 5910		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE SAND		

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

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

5310-5510 ACIDIZE W/3500 GALS 15% ACID.

5310-5510 FRAC W/129,514 GALS GEL, 31,993# 16/30 SIBERPROP, 147,729# 16/30 SAND.

5600-5800 ACIDIZE W/3500 GALS 15% ACID.

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 #70760 Verified by the BLM Well Information System.
 For COG OPERATING LLC, sent to the Carlsbad
 Committed to AFMSS for processing by KURT SIMMONS on 06/10/2009 (09KMS1568SE)**

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature _____ (Electronic Submission)

Date 06/10/2009

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 #70760 that would not fit on the form

32. Additional remarks, continued

5600-5800 FRAC W/129,824 GALS GEL, 31,226# 16/30 SIBERPROP, 146,130# 16/30 SAND.