

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 29 2009

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 Lease Serial No.
NMNM074935

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 18		
3 Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701			9. API Well No. 30-015-35783-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 15 T17S R30E Mer NMP At surface SWNW 2310FNL 330FWL At top prod interval reported below At total depth			10. Field and Pool, or Exploratory LOCO HILLS		
14. Date Spudded 05/06/2009			15. Date T.D. Reached 05/16/2009		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/10/2009			17. Elevations (DF, KB, RT, GL)* 3685 GL		
18. Total Depth MD 6009 TVD 6009		19. Plug Back T.D.: MD 5731 TVD 5731		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL			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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	434		928		0	
11.000	8.625 K-55	24.0	0	1406		700		0	
7.875	5.500 L80	17.0	0	6009		1100		0	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	5731							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO			4381 TO 4750	0.410	29	OPEN
B) PADDOCK	4381	4750	5040 TO 5240	0.410	36	OPEN
C) BLINEBRY	5580	5780	5310 TO 5510	0.410	36	OPEN
D)			5580 TO 5780	0.410	48	OPEN

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

Depth Interval	Amount and Type of Material
4381 TO 4750	ACIDIZE W/3000 GALS 15% ACID
4381 TO 4750	FRAC W/98,000 GALS GEL, 97,747# WHITE SAND, 17,257# CRC SAND
5040 TO 5240	ACIDIZE W/2500 GALS 15% ACID
5040 TO 5240	FRAC W/118,000 GALS GEL, 146,225# WHITE SAND, 33,018# CRC 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
06/15/2009	06/15/2009	24	→	224.0	374.0	872.0	36.7	0.60	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	70.0	→	224	374	872	1670	POW	

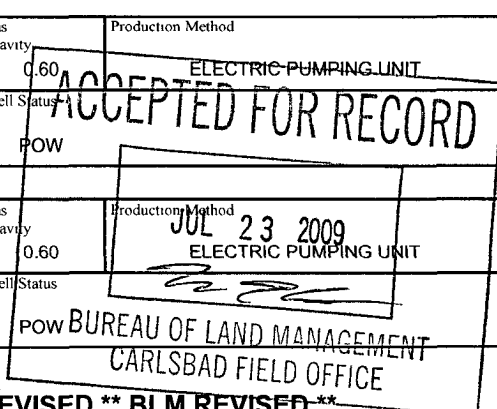
28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
06/15/2009	06/15/2009	24	→	224.0	374.0	872.0	36.7	0.60	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	70.0	→	224	374	872			

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

ELECTRONIC SUBMISSION #71038 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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



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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		1220 2125 2850 4305 4375 5890	DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE SAND	YATES QUEEN SAN ANDRES GLORIETA YESO TUBB	1220 2125 2850 4305 4375 5890

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

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

5310-5510 ACIDIZE W/2,500 GALS 15% ACID.
5310-5510 FRAC W/118,000 GALS GEL, 152,893# White sand, 28,308# CRC 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 #71038 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 06/18/2009 (09KMS1612SE)**

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 06/17/2009

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 ** REVISED ****

Additional data for transaction #71038 that would not fit on the form

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

Depth Interval	Amount and Type of Material
5310 TO 5510	FRAC W/118,000 GALS GEL, 152,893# WHITE SAND, 28,308# CRC SAND.
5310 TO 5510	ACIDIZE W/2,500 GALS 15% ACID.
5580 TO 5780	ACIDIZE W/2,500 GALS 15% ACID.
5580 TO 5780	FRAC W/188,000 GALS GEL, 205,608# WHITE SAND, 33,194# CRC SAND.

32. Additional remarks, continued

5580-5780 ACIDIZE W/2,500 GALS 15% ACID.
5580-5780 FRAC W/ 188,000 GALS GEL, 205,608# White sand, 33,194# CRC sand.