

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 10 2010

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NM00074935

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 39	
3. Address 550 W TEXAS, STE 4300 FASKEN TOWER II MIDLAND, TX 79701		9. API Well No. 30-015-37082-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNW 990FNL 330FWL 32.83911 N Lat, 103.96736 W Lon At top prod interval reported below NWNW Lot D 990FNL 330FWL At total depth NWNW Lot D 990FNL 330FWL		10. Field and Pool, or Exploratory LOCO HILLS	
14. Date Spudded 12/15/2009		15. Date T.D Reached 12/23/2009	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/15/2010		17. Elevations (DF, KB, RT, GL)* 3691 GL	
18. Total Depth: MD 6002 TVD 6002		19. Plug Back T.D. MD 5947 TVD 5947	
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 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 H40	48.0	0	444		950		0	0
11.000	8.625 J55	24.0	0	1306		800		0	0
7.875	5.500 J55	17.0	0	6002		950		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	5594							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO			4420 TO 4730	0.410	29	OPEN
B) PADDOCK	4420	4730	5070 TO 5270	0.410	26	OPEN
C) BLINEBRY	5610	5810	5340 TO 5540	0.410	26	OPEN
D)			5610 TO 5810	0.410	26	OPEN

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

Depth Interval	Amount and Type of Material
4420 TO 4730	FRAC W/ 103,396 GALS GEL, 124,532# 16/30 WHITE SAND, 19,253# 16/30 SIBERPROP
4420 TO 4730	ACIDIZE W/4,000 GALS 15% ACID
5070 TO 5270	ACIDIZE W/3,500 GALS 15% ACID
5070 TO 5270	FRAC W/ 114,460 GALS GEL, 149,055# 16/30 WHITE SAND, 31,820# 16/30 SIBERPROP

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
01/19/2010	01/23/2010	24	→	214.0	311.0	492.0	10.2		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	→	214	311	492	1453	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
01/19/2010	01/23/2010	24	→	214.0	311.0	492.0	40.2	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	→	214	311	492		POW	

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

ELECTRONIC SUBMISSION #81894 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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WZ

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 PADDOCK TUBB	1236 2134 2874 4319 4408 5836		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE SAND		

32. Additional remarks (include plugging procedure):

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

5340-5540 ACIDIZE W/3,500 GALS 15% ACID.

5340-5540 FRAC W/ 114,067 GALS GEL, 149,955# 16/30 WHITE SAND, 27,886# 16/30 SIBERPROP.

5610-5810 ACIDIZE W/2,500 GALS 15% ACID.

5610-5810 FRAC W/ 114,908 GALS GEL, 146,214# 16/30 WHITE SAND, 35,252# 16/30 SIBERPROP.

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 #81894 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by CHERYLE RYAN on 02/25/2010 (10CMR0255SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 02/24/2010

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 ****