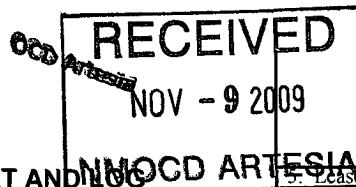


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

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. MELROSE FEDERAL 4	
Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com			
3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701		9. API Well No. 30-015-36405-00-S1	
3a. Phone No. (include area code) Ph: 432-685-4332			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 23 T17S R30E Mer NMP At surface SWNW Lot E 2274FNL 344FWL 32.49166 N Lat, 103.56584 W Lon At top prod interval reported below At total depth		10. Field and Pool, or Exploratory LOCO HILLS	
		11. Sec., T., R., M., or Block and Survey or Area Sec 23 T17S R30E Mer NMP	
		12. County or Parish EDDY	
		13. State NM	
14. Date Spudded 09/12/2009		15. Date T.D. Reached 09/22/2009	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/13/2009		17. Elevations (DF, KB, RT, GL)* 3652 GL	
18. Total Depth MD 6225 TVD 6225		19. Plug Back T.D.: MD 6213 TVD 6213	
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 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0	0	430		998		0	0
11.000	8.625 J55	32.0	0	1264		500		0	0
7.875	5.500 J55	17.0	0	6225		1000		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	5960							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			5300 TO 5500	0.410	36	OPEN
B) BLINEBRY	6000	6200	5740 TO 5940	0.410	36	OPEN
C)			6000 TO 6200	0.410	48	OPEN
D)						

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

Depth Interval	Amount and Type of Material
5300 TO 5500	FRAC W/132,000 GALS GEL, 179,300# 16/30 BASF SAND, 38,500# 16/30 SUPER LC
5300 TO 5500	ACIDIZE W/2,500 GALS 15% ACID
5740 TO 5940	ACIDIZE W/2,500 GALS 15% ACID
5740 TO 5940	FRAC W/ 136,000 GALS GEL, 175,500# 16/30 BASF SAND, 37,300# 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
10/14/2009	10/17/2009	24	→	57.0	139.0	280.0	36.2	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	→	57	139	280		POW	

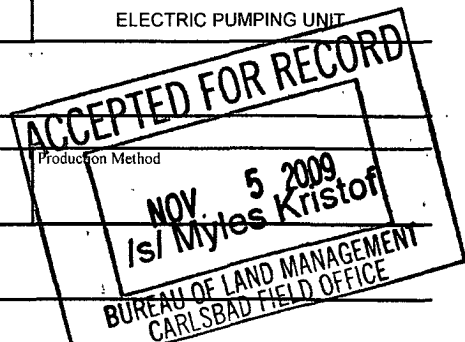
28a. Production - Interval B

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 #76252 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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



NR2

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	1301		DOLOMITE & SAND		
QUEEN	2254		SAND		
SAN ANDRES	3076		DOLOMITE & ANHYDRITE		
GLORIETA	4508		SAND & DOLOMITE		
YESO	4589		DOLOMITE & ANHYDRITE		

32 Additional remarks (include plugging procedure)

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

6000-6200 ACIDIZE W/2,500 GALS 15% ACID

6000-6200 Frac w/ 92,000 gals gel, 86,700# 16/30 BASF SAND, 19,600# 16/30 Super LC.

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 Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions).

Electronic Submission #76252 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 10/27/2009 (10KMS0156SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 10/26/2009

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 **