

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 04 2009

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

Lease Serial No
NMLC029509A

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. MC FEDERAL 16		
3. Address 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701			3a. Phone No (include area code) Ph 432.686 4385		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 21 T17S R32E Mer NMP At surface SWNW 1650FNL 530FWL At top prod interval reported below At total depth			9. API Well No 30-025-38739-00-S1		
14. Date Spudded 12/26/2008			15. Date T.D Reached 01/07/2009		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 02/02/2009			17. Elevations (DF, KB, RT, GL)* 4032 GL		
18. Total Depth: MD 7021 TVD			19. Plug Back T.D.: MD 6924 TVD		
20. Depth Bridge Plug Set. MD TVD			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)		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT					

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	836		800		0	0
11.000	8.625 J55	32.0	0	2210		700		0	0
7.875	5.500 L80	17.0	0	7021		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	6500							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) YESO			5446 TO 5602		36	OPEN
B) PADDOCK	5446	5602	6030 TO 6230		36	OPEN
C) BLINEBRY	6570	6770	6300 TO 6500		36	OPEN
D)			6570 TO 6770		48	OPEN

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

Depth Interval	Amount and Type of Material
5446 TO 5602	ACIDIZE W/72 BBLs ACID
5446 TO 5602	FRAC W/2816 BBLs GEL, 131,651# 16/30 SAND
6030 TO 6230	ACIDIZE W/60 BBLs ACID
6030 TO 6230	FRAC W/3105 BBLs GEL, 177,439# 16/30 SAND

28. Production - Interval A

Date First Produced 02/02/2009	Test Date 02/04/2009	Hours Tested 24	Test Production →	Oil BBL 14.0	Gas MCF 357.0	Water BBL 592.0	Oil Gravity Corr API 39.6	Gas Gravity	Production Method ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg SI	Csg Press 70.0	24 Hr Rate →	Oil BBL 14	Gas MCF 357	Water BBL 592	Gas Oil Ratio 25500	Well Status POW	
28a Production - Interval B									
Date First Produced 02/02/2009	Test Date 02/04/2009	Hours Tested 24	Test Production →	Oil BBL 14.0	Gas MCF 357.0	Water BBL 592.0	Oil Gravity Corr API 39.6	Gas Gravity 0.60	Production Method ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg SI	Csg Press 70.0	24 Hr Rate →	Oil BBL 14	Gas MCF 357	Water BBL 592	Gas Oil Ratio	Well Status POW	

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

ELECTRONIC SUBMISSION #67457 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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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 PADDOCK	2116 3083 3833 5946		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE DOLOMITE & ANHYDRITE		

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

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

6300 - 6500 Acidize w/60 bbls acid
6300 - 6500 Frac w/3200 bbls gel, 179,012# 16/30 sand.
6570 - 6770 Acidize w/60 bbls acid.
6570 - 6770 Frac w/3162 bbls gel, 177,153# 16/30 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 #67457 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by KURT SIMMONS on 02/23/2009 (09KMS0487SE)

Name (please print) ROBYN ODOM Title AGENT

Signature (Electronic Submission) Date 02/20/2009

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 ****