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Form 3160-4
(August 2007)

AUG 03 2009

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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

HOBBSCOCD

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 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 28		
3. Address 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701			9. API Well No. 30-025-38997-00-S1		
3a. Phone No. (include area code) Ph: 432-685-4332			10. Field and Pool, or Exploratory MALJAMAR		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 21 T17S R32E Mer NMP At surface NESE 2260F&L 330F&L 32.81895 N Lat, 103.76341 W Lon At top prod interval reported below Sec 21 T17S R32E Mer NMP At total depth NESE 2260F&L 330F&L 32.81895 N Lat, 103.76341 W Lon			11. Sec., T., R., M., or Block and Survey or Area Sec 21 T17S R32E Mer NMP		
14. Date Spudded 05/12/2009			15. Date T.D. Reached 05/23/2009		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/15/2009			17. Elevations (DF, KB, RT, GL)* 4034 GL		
18. Total Depth: MD 7013 TVD 7013		19. Plug Back T.D.: MD 6938 TVD 6938		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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	835		700		0	
11.000	8.625 J-55	32.0	0	2104		700		0	
7.875	5.500 J-55	17.0	0	7013		1150		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	6566							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) YESO			4930 TO 5130	0.000	36	OPEN
B) PADDOCK	5492	5620	5492 TO 5620	0.000	48	OPEN
C) BLINEBRY	6610	6810	6340 TO 6540	0.000	36	OPEN
D)			6610 TO 6810	0.000	36	OPEN

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

Depth Interval	Amount and Type of Material
4930 TO 5130	FRAC W/ 125,037 GALS GEL, 159,994# 16/30 OTTAWA SAND, 42,845# CRC
4930 TO 5130	ACIDIZE W/2,500 GALS 15% ACID.
5492 TO 5620	FRAC W/103,396 GALS GEL, 101,655# 16/30 OTTAWA SAND, 15283# CRC
5492 TO 5620	ACIDIZE W/3000 GALS 15% ACID.

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
06/19/2009	06/21/2009	24	→	198.0	330.0	590.0	37.5	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	→	198	330	590	1667	POW	

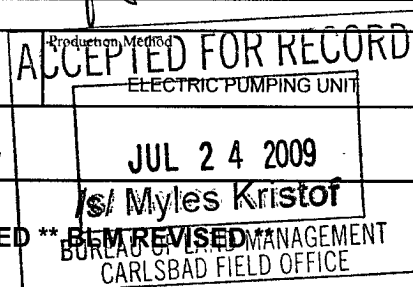
28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
06/19/2009	06/21/2009	24	→	198.0	330.0	590.0	37.5	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	→	198	330	590		POW	

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

ELECTRONIC SUBMISSION #71261 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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



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 YESO	2156 3113 3882 5492		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE DOLOMITE & ANHYDRITE	YATES QUEEN SAN ANDRES YESO	2156 3113 3882 5492

32. Additional remarks (include plugging procedure):

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

6340-6540 ACIDIZE W/2500 GALS 15% ACID.

6340-6540 FRAC W/ 125,727 GALS GEL, 158,573# 16/30 Ottawa SAND, 46,263# CRC sand.

6610-6810 ACIDIZE W/2500 GALS 15% ACID.

6610-6810 FRAC W/88,894 GALS GEL, 104,735# 16/30 Ottawa 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 #71261 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by KURT SIMMONS on 06/23/2009 (09KMS0885SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 06/23/2009

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 #71261 that would not fit on the form

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

Depth Interval	Amount and Type of Material
6340 TO 6540	ACIDIZE W/2,500 GALS 15% ACID.
6340 TO 6540	FRAC W/ 125,727 GALS GEL, 158,573# 16/30 OTTAWA SAND, 46,263# CRC.
6610 TO 6810	FRAC W/ 88,894 GALS GEL, 104,735# 16/30 OTTAWA SAND.
6610 TO 6810	ACIDIZE W/2,500 GALS 15% ACID.

32. Additional remarks, continued