Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs RECEIVED
SEP 27 2010
HOBBSOCD

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMLC029509A

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator: COG OPERATING LLC
Contact: KANICIA CARRILLO
E-Mail: kcarrillo@conchoresources.com

8. Lease Name and Well No: MC FEDERAL 43

3. Address: 550 WEST TEXAS AVENUE SUITE 100, MIDLAND, TX 79701-4287
3a. Phone No. (include area code): Ph: 432-685-4332

9. API Well No.: 30-025-39618-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: Sec 22 T17S R32E Mer NMP NWNW 330FNL 990FWL
At top prod interval reported below
At total depth

10. Field and Pool, or Exploratory: MALJAMAR-YESO

11. Sec., T., R., M., or Block and Survey or Area: Sec 22 T17S R32E Mer NMP

12. County or Parish: LEA
13. State: NM

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, KB, RT, GL)*
06/21/2010	06/29/2010	☐ D & A ☒ Ready to Prod. 07/22/2010	4009 GL

18. Total Depth:		19. Plug Back T.D.:		20. Depth Bridge Plug Set	
MD	7028	MD	6929	MD	
TVD	7028	TVD	6929	TVD	

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATEDNEUT

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ 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	827		600		0	0
17.500	13.375 H-40	48 0	0	850		550		0	
11.000	8.625 J-55	24.0	0	2100	900	1200		0	
11.000	8.625 J55	32.0	0	2121		600		0	0
7.875	5.500 J-55	15.5	0	7000	2150	1800		1900	
7.875	5.500 L80	17.0	0	7018		1050		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	6495							

25 Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			5444 TO 5544	0 000	17	OPEN
B) PADDOCK	5444	5544	6000 TO 6200	0 000	26	OPEN
C) BLINEBRY	6000	6740	6270 TO 6470	0.000	26	OPEN
D)			6540 TO 6740	0.000	26	OPEN

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

Depth Interval	Amount and Type of Material
5444 TO 5544	ACIDIZE W/3,000 GALS 15% ACID
5444 TO 5544	FRAC W/106,189 GALS GEL, 108,922# 16/30 OTTAWA SAND, 17,234# SIBERPROP SAND.
6000 TO 6200	ACIDIZE W/2,500 GALS 15% ACID.
6000 TO 6200	FRAC W/ 127,373 GALS GEL, 150,222# 16/30 OTTAWA SAND, 31,924# SUPER LC 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
07/28/2010	07/30/2010	24	→	201.0	198.0	572 0	38.8	0 60	ELECTRIC PUMPING UNIT

Choke Size	Tbg Press Flwg SI 70	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
		70.0	→	201	198	572	985	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
07/28/2010	07/30/2010	24	→	201.0	198.0	572.0	38.8	0 60	ELECTRIC PUMPING UNIT

Choke Size	Tbg Press Flwg SI 70	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
		70 0	→	201	198	572		POW

ACCEPTED FOR RECORD
/s/ Roger Hall
SEP 20 2010
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #92045 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

PETROLEUM ENGINEER
SEP 27 2010

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	2148		DOLOMITE & SAND	YATES	2148
QUEEN	3111		SAND	QUEEN	3111
SAN ANDRES	3885		DOLOMITE & ANHYDRITE	SAN ANDRES	3885
GLORIETTA	5368		SAND & DOLOMITE	GLORIETTA	5368
YESO	5440		DOLOMITE & ANHYDRITE	YESO	5440
TUBB	6873			TUBB	6873

32. Additional remarks (include plugging procedure):
Acid, Fracture, Treatment, Cement Squeeze etc continued...

6270 - 6470 ACIDIZE W/2,500 GALS 15% ACID.
6270 - 6470 Frac w/ 124,787 gals gel, 149,600# 16/30 Ottawa sand, 30,537# Siberprop sand.

6540 - 6740 ACIDIZE W/2,500 GALS 15% ACID.
6540 - 6740 FRAC W/123,639 gals gel, 144,973# 16/30 Ottawa sand, 27,216# Siberprop 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 #92045 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by KURT SIMMONS on 08/31/2010 (10KMS0804SE)

Name *(please print)* KANICIA CARRILLO Title PREPARER

Signature (Electronic Submission) Date 08/30/2010

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 fradulent statements or representations as to any matter within its jurisdiction

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****