

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OGD

MAY 02 2011

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

2. Name of Operator
COG OPERATING LLC
Contact: NETHA AARON
E-Mail: oaaron@conchoresources.com

3. Address 550 WEST TEXAS AVENUE SUITE 100
MIDLAND, TX 79701-4287
3a. Phone No. (include area code)
Ph: 432-818-2319

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 22 T17S R32E Mer NMP
At surface NWSE 2490FSL 1980FEL

At top prod interval reported below
Sec 22 T17S R32E Mer NMP
At total depth NWSE 2260FSL 2265FEL

14. Date Spudded 01/24/2011
15. Date T.D. Reached 02/05/2011
16. Date Completed
☐ D & A ☒ Ready to Prod.
03/05/2011

18. Total Depth: MD 7090
TVD 7063
19. Plug Back T.D.: MD 7034
TVD 7007
20. Depth Bridge Plug Set: MD
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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	888		650		0	
11.000	8.625 J-55	32.0	0	2140		600		0	
7.875	5.500 L-80	17.0	0	7080		1100		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	7034							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5500	5660	5500 TO 5660	1.000	26	OPEN, Paddock
B) BLINEBRY	6570	6770	5992 TO 6206	1.000	26	OPEN, Upper Blinebry
C)			6300 TO 6500	1.000	26	OPEN, Middle Blinebry
D)			6570 TO 6770	1.000	24	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5500 TO 5660	ACIDIZED W/3000 GALS 15% HCL
5500 TO 5660	FRAC W/101,900 GALS GEL, 114,600# 16/30 WHITE SAND, 15,000# 16/30 SIBERPROP
5992 TO 6206	ACIDIZED W/3500 GALS 15% HCL
5992 TO 6206	FRAC W/114,850 GALS GEL, 148,400# 16/30 WHITE SAND, 30,000# 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
03/05/2011	03/11/2011	24	→	176.0	181.0	216.0	41.2	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
		70.0	→	176	181	216		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. SI	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 #106379 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

OCD - H16h

RECEIVED

5. Lease Serial No.
NMLC029509B

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
JC FEDERAL 48

9. API Well No.
30-025-39873-00-S1

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

17. Elevations (DF, KB, RT, GL)*
3999 GL

ACCEPTED FOR RECORD

APR 17 2011

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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	2133		DOLOMITE & SAND	YATES	2133
SAN ANDRES	3892		DOLOMITE & ANHYDRITE	SAN ANDRES	3892
GLORIETTA	5406		SAND & DOLOMITE	GLORIETTA	5406
YESO	5498		DOLOMITE & ANHYDRITE	YESO	5498
TUBB	6915			TUBB	6915

32. Additional remarks (include plugging procedure):

44. Acid, Fracture, Treatment, Cement Squeeze, etc. CONTINUED....

6300 - 6500 Acidized w/3500 gals 15% HCL.
6300 - 6500 Frac w/114,850 gals gel, 148400# 16/30 WHITE sand, 30,000#
16/30 SIBERPROP

6570 - 6770 Acidized w/3500 gals 15% HCL.
6570 - 6770 Frac w/114,850 gals gel, 148,400# 16/30 WHITE sand, 30,000#

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 #106379 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by KURT SIMMONS on 04/14/2011 (11KMS0614SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 04/13/2011

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 #106379 that would not fit on the form

32. Additional remarks, continued

16/30 SIBERPROP