

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 ☒ 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 CHASITY JACKSON
E-Mail cjackson@concho.com

3 Address 550 WEST TEXAS AVENUE SUITE 100 3a Phone No. (include area code)
MIDLAND, TX 79701-4287 Ph: 432-686-3087

4 Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NESW 1690FSL 1895FWL
At top prod interval reported below NESW 1690FSL 1895FWL
At total depth NESW 1666FSL 1658FWL

5 Lease Serial No. NMLC029405B

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. GC FEDERAL 57

9. API Well No 30-025-40238-00-S1

10. Field and Pool, or Exploratory MALJAMAR

11. Sec., T., R., M., or Block and Survey or Area Sec 19 T17S R32E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 02/14/2012 15. Date T.D. Reached 02/24/2012 16. Date Completed ☐ D & A ☒ Ready to Prod. 03/14/2012

17. Elevations (DF, KB, RT, GL)* 3930 GL

18. Total Depth MD 7025 TVD 7025 19. Plug Back T.D. MD 6965 TVD 6965 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	709		650		0	
11.000	8.625 J-55	32.0	0	2147		700		0	
7.875	5.500 L-80	17.0	0	7009		1050		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	6628							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5330	6680	5330 TO 5480	0.000	26	OPEN, Paddock
B)			5940 TO 6140	0.000	26	OPEN, Upper Blinbry
C)			6210 TO 6410	0.000	26	OPEN, Middle Blinbry
D)			6480 TO 6680	0.000	26	OPEN, Lower Blinbry

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

Depth Interval	Amount and Type of Material
5330 TO 5480	ACIDIZE W/1,500 GALS 15% ACID.
5330 TO 5480	FRAC W/96,734 GALS GEL, 101,908# 16/30 OTTAWA SAND, 22,758# 16/30 SLC
5940 TO 6140	ACIDIZE W/2,250 GALS 15% ACID
5940 TO 6140	FRAC W/114,895 GALS GEL, 145,506# 16/30 OTTAWA SAND, 32,950# 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
03/20/2012	03/28/2012	24	→	66.0	31.0	259.0	37.6	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	
		70.0	→	66	31	259	470	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 #137594 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

JUN 07 2012

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
RUSTLER	625		ANHYDRITE	RUSTLER	625
SALADO	804		SALT	SALADO	804
YATES	1958		SANDSTONE	YATES	1958
QUEEN	2931		SANDSTONE & DOLOMITE	QUEEN	2931
SAN ANDRES	3646		DOLOMITE & LIMESTONE	SAN ANDRES	3646
GLORIETTA	5219		SANDSTONE	GLORIETTA	5219
YESO	5286		DOLOMITE & ANHYDRITE	YESO	5286
TUBB	6783		SANDSTONE & DOLOMITE	TUBB	6783

32. Additional remarks (include plugging procedure)

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

6210-6410 ACIDIZE W/2,250 GALS 15% ACID FRAC W/115,376 GALS GEL, 146,477# 16/30 OTTAWA SAND, 31,629# 16/30 SLC.

6480-6680 ACIDIZE W/3,250 GALS 15% ACID. FRAC W/116,103 GALS GEL, 146,558# 16/30 OTTAWA SAND, 34,897# 16/30 SLC.

Logs will be mailed.

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 #137594 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH MCKINNEY on 05/23/2012 (12DLM0564SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 05/10/2012

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 ****