

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 20105. Lease Serial No.
NMLC029405B1a. 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 LLCContact: CHASITY JACKSON
E-Mail: cjackson@conchoresources.com8. Lease Name and Well No.
GC FEDERAL 353. Address 550 WEST TEXAS AVENUE SUITE 100
MIDLAND, TX 79701-42873a. Phone No. (include area code)
Ph: 432-686-30879. API Well No
30-025-39421-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

Sec 19 T17S R32E Mer NMP
At surface NWSE 1750FSL 2310FEL10. Field and Pool, or Exploratory
MALJAMAR11. Sec., T., R., M., or Block and Survey
or Area Sec 19 T17S R32E Mer NMP

At top prod interval reported below

At total depth

12. County or Parish
LEA13. State
NM14. Date Spudded
11/14/201015. Date T.D. Reached
11/23/201016. Date Completed
☐ D & A ☒ Ready to Prod.
12/29/201017. Elevations (DF, KB, RT, GL)*
3936 GL18. Total Depth: MD 6920
TVD 692019. Plug Back T.D.: MD 6849
TVD 684920. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATEDNEUT22. 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	668		700		0	
11.000	8.625 J-55	32.0	0	2105		600		0	
7.875	5.500 L-80	17.0	0	6908		1600		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	6450							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5270	5400	5270 TO 5400	0.000	20	OPEN, Paddock
B) BLINEBRY	6460	6660	5920 TO 6120	0.000	26	OPEN, Blinebry
C)			6190 TO 6390	0.000	26	OPEN, Blinebry
D)			6460 TO 6660	0.000	26	OPEN, Blinebry

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

Depth Interval	Amount and Type of Material
5270 TO 5400	ACIDIZE W/3,000 GALS 15% ACID
5270 TO 5400	FRAC W/104,246 GALS GEL, 123,468# 20/40 OTTAWA SAND, 26,249# 20/40 SLC.
5920 TO 6120	ACIDIZE W/3,500 GALS 15% ACID
5920 TO 6120	FRAC W/111,459 GALS GEL, 145,131# 20/40 OTTAWA SAND, 31,379# 20/40 SLC

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
12/31/2010	01/01/2011	24	→	149.0	204.0	198.0	37.4		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	→	149	204	198		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
			→						JAN 29 2011
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 #100929 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM-REVISED **

ACCEPTED FOR RECORD

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

JUL 14 2011

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)
CAPTURED

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 GLORIETTA YESO TUBB	1964 2945 3676 5191 5260 6754		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE DOLOMITE & SAND DOLOMITE & ANHYDRITE SAND		

32. Additional remarks (include plugging procedure).

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. CONTINUED...

6190-6390 ACIDIZE W/3,500 GALS ACID

6190-6390 FRAC W/114,092 GALS GEL, 140,377# 20/40 OTTAWA SAND, 32,322# 20/40 SLC.

6460-6660 ACIDIZE W/ 3,500 GALS ACID

6460-6660 FRAC W/115,758 GALS GEL, 144,774# 20/40 OTTAWA SAND, 35,020# 20/40 SLC.

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 #100929 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by KURT SIMMONS on 01/26/2011 (11KMS0212SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 01/20/2011

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 #100929 that would not fit on the form

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

Depth Interval	Amount and Type of Material
6190 TO 6390	gal acid
6190 TO 6390	gal gel, 140377# 20/40 Ottawa sand, 32322#20/40 SLC
6460 TO 6660	gal acid
6460 TO 6660	gal gel, 144774# 20/40 Ottawa sand, 35020# 20/40 SLC