

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD
OCD Hobbs

OCT 05 2011

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 Lease Serial No.
NMLC029405B

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other **RECEIVED**
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: **oaron@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 19 T17S R32E Mer NMP
At surface **SWSW Lot 4 621FSL 851FWL**
At top prod interval reported below
Sec 19 T17S R32E Mer NMP
At total depth **SWSW Lot 4 979FSL 976FWL**

6 If Indian, Allottee or Tribe Name
7 Unit or CA Agreement Name and No.
8 Lease Name and Well No
GC FEDERAL 53
9 API Well No.
30-025-40137-00-S1
10. Field and Pool, or Exploratory
MALJAMAR YESO, W - Ke
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
07/16/2011 15. Date T.D Reached
07/26/2011 16 Date Completed
☐ D & A ☒ Ready to Prod
08/19/2011 17. Elevations (DF, KB, RT, GL)*
3913 GL

18. Total Depth: MD **7050** TVD **7028** 19 Plug Back T D MD **6995** TVD **6973** 20. Depth Bridge Plug Set MD **MD** TVD **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATED NEUT CCL 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	653		575		0	
11 000	8.625 J-55	32.0	0	2030		600		0	
7 875	5 500 L-80	17.0	0	7040		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	6695							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) YESO	5290	6740	5290 TO 5480	1.000	26	OPEN
B)			5850 TO 6162	1.000	26	OPEN
C)			6270 TO 6470	1.000	26	OPEN
D)			6540 TO 6740	1.000	26	OPEN

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

Depth Interval	Amount and Type of Material
5290 TO 5480	ACIDIZED W/3000 GALS 15% HCL
5290 TO 5480	FRAC W/113,757 GALS GEL, 117,557# 16/30 WHITE SAND, 14,537# 16/30 SIBERPROP
5850 TO 6162	ACIDIZE W/3500 GALS 15% HCL
5850 TO 6162	FRAC W/123,273 GALS GEL, 138,109# 16/30 WHITE SAND, 28,859# 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
08/31/2011	09/04/2011	24	→	65.0	50.0	139.0	36.6	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	70.0	→	65	50	139		PCW	

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 #119112 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

ACCEPTED FOR RECORD
OCT 4 2011
WESLEY W. INGRAM
PETROLEUM ENGINEER

OCT 11 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.)
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	623		ANHYDRITE	RUSTLER	623
TOP OF SALT	798		SALT	TOP OF SALT	798
TANSILL	1850		DOLOMITE	TANSILL	1850
YATES	1990		DOLOMITE & SAND	YATES	1990
SAN ANDRES	3664		SAND	SAN ANDRES	3664
GLORIETTA	5226		DOLOMITE & ANHYDRITE	GLORIETTA	5226
YESO	5324		SAND & DOLOMITE	YESO	5324

32 Additional remarks (include plugging procedure).

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

6270 - 6470 Acidized w/3500 gals 15% HCL.

6270 - 6470 Frac w/140,792 gals gel, 140,792# 16/30 White sand, 28,726# 16/30 SiberProp

6540 - 6740 Acidized w/3500 gals 15% HCL.

6540 - 6740 Frac w/124,393 gals gel, 138,327# 16/30 White sand, 30,419#

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 #119112 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by WESLEY INGRAM on 10/04/2011 (12WW10004SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 10/04/2011

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 #119112 that would not fit on the form

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

Depth Interval	Amount and Type of Material
6270 TO 6470	ACIDIZE W/3500 GALS 15% HCL
6270 TO 6470	FRAC W/140,792 GALS GEL, 140,792# 16/30 WHITE SAND, 28,726# 16/30 SIBERPROP
6540 TO 6740	ACIDIZE W/3500 GALS 15% HCL
6540 TO 6740	FRAC W/124,393 GALS GEL, 138,327# 16/30 WHITE SAND, 30,419# 16/30 SIBERPROP

32. Additional remarks, continued

16/30 SiberProp

LOGS WILL BE MAILED