

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD #10088 OCD

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FEB 23 2012

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		RECEIVED	5. Lease Serial No. NMLC029405A	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv. Other _____			6. If Indian, Allottee or Tribe Name	
2. Name of Operator COG OPERATING LLC		Contact: CHASITY JACKSON E-Mail: cjackson@conchoresources.com		7. Unit or CA Agreement Name and No.
3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701-4287		3a. Phone No. (include area code) Ph: 432-686-3087		8. Lease Name and Well No. BC FEDERAL 30
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWNE 2310FNL 2437FEL At top prod interval reported below SWNE 2310FNL 2437FEL At total depth SENW 2305FNL 2299FWL 2927/E				9. API Well No. 30-025-40236-00-S1
14. Date Spudded 11/22/2011		15. Date T.D. Reached 12/02/2011		10. Field and Pool, or Exploratory MALJAMAR
16. Date Completed ☐ D & A ☒ Ready to Prod. 12/28/2011		11. Sec., T., R., M., or Block and Survey or Area Sec 20 T17S R32E Mer NMP		
17. Elevations (DF, KB, RT, GL)* 3992 GL		12. County or Parish LEA		
18. Total Depth: MD 7044 TVD 7011		13. State NM		
19. Plug Back T.D.: MD 6992 TVD 6992		20. Depth Bridge Plug Set: MD TVD		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 3992 GL				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	783		650		0	
11.000	8.625 J-55	32.0	0	2094		750		0	
7.875	5.500 L-80	17.0	0	7038		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	6771							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5390	6800	5390 TO 5540	0.000	26	OPEN, Paddock
B)			5860 TO 6170	0.000	26	OPEN, Upper Blinebry
C)			6240 TO 6530	0.000	56	OPEN, Middle Blinebry
D)			6600 TO 6800	0.000	52	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5390 TO 5540	GALS 15% ACID
5390 TO 5540	W/106,753 GALS GEL, 106,022# 16/30 WHITE SAND, 17,105# 16/30 CRC
5860 TO 6170	GALS 15% ACID
5860 TO 6170	W/118,380 GALS GEL, 148,628# 16/30 WHITE SAND, 27,494# 16/30 CRC

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
12/31/2011	12/31/2011	24	→	132.0	242.0	298.0	38.6	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	→	132	242	298	1833	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 #130522 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

MAR 22 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	707		ANHYDRITE	RUSTLER	707
TOP OF SALT	1173		SALT	TOP OF SALT	1173
TANSILL	1885		DOLOMITE & SANDSTONE	TANSILL	1885
YATES	2045		DOLOMITE & SAND	YATES	2045
QUEEN	3026		DOLOMITE & SAND	QUEEN	3026
SAN ANDRES	3772		DOLOMITE & LIMESTONE	SAN ANDRES	3772
GLORIETTA	5272		DOLOMITE & ANHYDRITE	GLORIETTA	5272
YESO	5330		SAND & DOLOMITE	YESO	5330

32. Additional remarks (include plugging procedure)

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

6240-6530 ACIDIZE W/2,500 GALS 15% ACID.

6260-6530 FRAC W/116,449 GALS GEL, 148,394# 16/30 WHITE SAND, 28,682# 16/30 CRC.

6600-6800 ACIDIZE W/3,500 GALS 15% ACID.

6600-6800 FRAC W/57,739 GALS GEL, 42,329# 16/30 WHITE SAND.

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 #130522 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by JAMES (JIM) HUGHES on 02/09/2012 (12JLH0148SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 02/09/2012

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 ** REVISED **

Additional data for transaction #130522 that would not fit on the form

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

Depth Interval	Amount and Type of Material
6240 TO 6530	gal 15% acid
6240 TO 6530	116449 gal gel, 148394# 16/30 white sand, 28682# 16/30 CRC
6600 TO 6800	gal 15% acid
6600 TO 6800	57739 gal gel, 42329# 16/30 white sand,

32. Additional remarks, continued