

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

5 Lease Serial No
NMLC029509B

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr. Other _____			7 Unit or CA Agreement Name and No.		
2. Name of Operator COG OPERATING LLC			Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com		
3. Address 550 WEST TEXAS AVE STE 1300 MIDLAND, TX 79701			3a. Phone No. (include area code) Ph: 432-685-4332		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot B 330FNL 2310FEL At top prod interval reported below Lot B 330FNL 2310FEL At total depth Lot B 330FNL 2310FEL			8 Lease Name and Well No JC FEDERAL 40		
14 Date Spudded 11/30/2009			15 Date T.D. Reached 12/10/2009		
16. Date Completed ☐ D & A ☒ Ready to Prod. 01/05/2010			9 API Well No 30-025-39479		
18. Total Depth. MD 7036 TVD 7036			19. Plug Back T.D.: MD 6933 TVD 6933		
20 Depth Bridge Plug Set. MD TVD			10. Field and Pool, or Exploratory MALJAMAR;YESO, WEST		
21 Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON			11 Sec., T., R., M., or Block and Survey or Area Sec 22 T17S R32E Mer		
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☒ No ☐ Yes (Submit analysis)			12 County or Parish LEA		
			13 State NM		
			17 Elevations (DF, KB, RT, GL)* 4013 GL		

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 H40	48 0	0	882		700		0	0
11 000	8 625 J55	32.0	0	2105		600		0	0
7.875	5.500 L80	17 0	0	7022		1050		0	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	6538							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) PADDOCK	5496	5600	5496 TO 5600	0.410	14	OPEN
B) BLINEBRY	6030	6230	6030 TO 6230	0.410	26	OPEN
C) BLINEBRY	6300	6500	6300 TO 6500	0.410	26	OPEN
D) BLINEBRY	6570	6770	6570 TO 6770	0.410	26	OPEN

26. Perforation Record

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
5496 TO 5600	ACIDIZE W/2,500 GALS 15% ACID
5496 TO 5600	FRAC W/114,380 GALS GEL, 127,120# 16/30 OTTAWA SAND, 16,990# 16/30 SIBERPROP
6030 TO 6230	ACIDIZE W/3,500 GALS 15% ACID
6030 TO 6230	FRAC W/ 125,021 GALS GEL, 145,870# 16/30 OTTAWA SAND, 31,371# 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
01/19/2010	01/23/2010	24	→	109 0	83 0	490 0	37 5	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	→					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 #81506 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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	2170		DOLOMITE & SAND	DOLOMITE & SAND	2170
QUEEN	3126		SAND	SAND	3126
SAN ANDRES	3912		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	3912
GLORIETA	5411		SAND & DOLOMITE	SAND & DOLOMITE	5411
YESO	5490		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	5490

32 Additional remarks (include plugging procedure).

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

6300-6500 ACIDIZE W/3,500 GALS 15% ACID.

6300-6500 FRAC W/ 124,775 GALS GEL, 145,152# 16/30 Ottawa Sand, 32,313# 16/30 SIBERPROP

6570-6770 Acidize w/3,500 gals acid

6570-6770 Frac w/125,429 gals gel, 146,381# 16/30 Ottawa sand, 31,962# 16/30 Siberprop.

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 #81506 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 02/16/2010

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.

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