

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SEP 16 2010

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

HOBBSDOCD

## 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: **KANICIA CARRILLO**  
E-Mail: **kcarrillo@conchoresources.com**

3. Address **550 WEST TEXAS AVENUE SUITE 100** 3a. Phone No. (include area code)  
**MIDLAND, TX 79701-4287** Ph: **432-685-4332**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **Lot O 720FSL 1890FEL**  
At top prod interval reported below **Lot O 720FSL 1890FEL**  
At total depth **Lot O 381FSL 2298FEL 380/S + 2299/E**

5. Lease Serial No.  
**NMLC029509B**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
**JC FEDERAL 29**

9. API Well No.  
**30-025-39167-00-S1**

10. Field and Pool, or Exploratory  
**MALJAMAR**

11. Sec., T., R., M., or Block and Survey  
or Area **Sec 21 T17S R32E Mer NMP**

12. County or Parish  
**LEA**

13. State  
**NM**

14. Date Spudded  
**05/30/2010**

15. Date T.D. Reached  
**06/08/2010**

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
**07/08/2010**

17. Elevations (DF, KB, RT, GL)\*  
**4021 GL**

18. Total Depth. **MD 7134** 19. Plug Back T.D.: **MD 7060** 20. Depth Bridge Plug Set: **MD 7134**  
**TVD 7134** **TVD 7060** **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 H40	48.0	0	800		650		0	0
11.000	8.625 J55	32.0	0	2155		600		0	0
7.875	5.500 L80	17.0	0	7108		1100		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	6642							

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			5520 TO 5630	0.000	19	OPEN
B) PADDOCK	5520	5630	6120 TO 6320	0.000	26	OPEN
C) BLINEBRY	6120	6860	6390 TO 6590	0.000	26	OPEN
D)			6660 TO 6860	0.000	26	OPEN

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

Depth Interval	Amount and Type of Material
5520 TO 5630	ACIDIZE W/3,000 GALS 15% ACID
5520 TO 5630	FRAC W/109,078 GALS GEL, 112,393# 16/30 OTTAWA SAND, 14,350# 16/30 SIBERPROP SAND
6120 TO 6320	ACIDIZE W/3,500 GALS 15% ACID.
6120 TO 6320	FRAC W/124,618 GALS GEL, 147,000# 16/30 OTTAWA SAND, 27,169# 16/30 SIBERPROP SAND

## 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
07/12/2010	07/12/2010	24	→	92.0	82.0	652.0	37.5	0.60	<b>OCT 13 2010</b> 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	→	92	82	652	891	POW	<b>ACCEPTED FOR RECORD</b>

## 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
07/12/2010	07/12/2010	24	→	92.0	82.0	652.0	37.5	0.60	<b>SEP 10 2010</b> ELECTRIC PUMPING UNIT /s/ Roger Hall
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	→	92	82	652		POW	<b>BUREAU OF LAND MANAGEMENT</b> <b>CARLSBAD FIELD OFFICE</b>

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #91122 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

PETROLEUM ENGINEER

**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	2153		DOLOMITE & SAND	YATES	2153
QUEEN	3129		SAND	QUEEN	3129
SAN ANDRES	3893		DOLOMITE & ANHYDRITE	SAN ANDRES	3893
GLORIETTA	5437		SAND & DOLOMITE	GLORIETTA	5437
YESO	5513		DOLOMITE & ANHYDRITE	YESO	5513

**32. Additional remarks (include plugging procedure):**

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

6390 - 6590 ACIDIZE W/3,500 GALS 15% ACID.

6390 - 6590 Frac w/124,178 gals gel, 147,051# 16/30 Ottawa sand, 31,323# 16/30 Siberprop sand.

6660 - 6860 ACIDIZE W/3,500 GALS 15% ACID.

6660 - 6860 FRAC W/125,628 gals gel, 146,297# 16/30 Ottawa sand, 33,749# 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 #91122 Verified by the BLM Well Information System.**

**For COG OPERATING LLC, sent to the Hobbs**

**Committed to AFMSS for processing by CHERYLE RYAN on 08/12/2010 (10CMR0223SE)**

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 08/10/2010

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***