

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS OCD

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

JUL 07 2011

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMLC029509A	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Bitt. Resvr. Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator COG OPERATING LLC		7. Unit or CA Agreement Name and No	
Contact: NETHA AARON E-Mail: oaaaron@conchoresources.com		8. Lease Name and Well No MC FEDERAL 50	
3. Address 550 WEST TEXAS AVENUE SUITE 1300 MIDLAND, TX 79701-4287		9. API Well No. 30-025-39962-00-S1	
3a. Phone No (include area code) Ph: 432-818-2319		10. Field and Pool, or Exploratory MALJAMAR <i>Yes West</i>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENW 1040FNL 2022FWL At top prod interval reported below Lot C 1040FNL 2022FWL 32.824411 N Lat, 103.772947 W Lon At total depth Lot C 1040FNL 2022FWL 32.824411 N Lat, 103.772947 W Lon		11. Sec., T., R., M., or Block and Survey or Area Sec 21 T17S R32E Mer NMP	
14. Date Spudded 04/19/2011		12. County or Parish LEA	
15. Date T.D. Reached 05/01/2011		13. State NM	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/27/2011		17. Elevations (DF, KB, RT, GL)* 4062 GL	
18. Total Depth: MD 7010 TVD 7010		19. Plug Back T.D. MD 6940 TVD 6940	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT CCL	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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	858		650		0	
11.000	8.625 J-55	32.0	0	2149		600		0	
7.875	5.500 L-80	17.0	0	7000		1150		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	6702							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) PADDOCK	5490	5640	5490 TO 5640	1.000	26	OPEN, Paddock
B) BLINEBRY	6590	6790	6050 TO 6250	1.000	26	OPEN, Upper Blinebry
C)			6320 TO 6520	1.000	26	OPEN, Middle Blinebry
D)			6590 TO 6790	1.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5490 TO 5640	ACIDIZED W/3000 GALS 15% HCL
5490 TO 5640	FRAC W/111,911 GALS GEL, 115,967# 16/30 WHITE SAND, 19,878# 16/30 SIBERPROP
6050 TO 6250	ACIDIZE W/3500 GALS 15% HCL
6050 TO 6250	FRAC W/124,706 GALS GEL, 125,871# 16/30 WHITE SAND, 30,052# 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
05/28/2011	06/06/2011	24	→	116.0	181.0	209.0	35.9	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	→	116	181	209		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 #111907 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

ACCEPTED FOR RECORD

JUL 3 2011

BUREAU OF LAND MANAGEMENT

OFFICE

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## 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	2163		DOLOMITE & SAND	YATES	2163
QUEEN	3128		SAND	QUEEN	3128
SAN ANDRES	3860		DOLOMITE & ANHYDRITE	SAN ANDRES	3860
GLORIETTA	5376		SAND & DOLOMITE	GLORIETTA	5376
YESO	5428		DOLOMITE & ANHYDRITE	YESO	5428
TUBB	6918			TUBB	6918

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

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

6320 - 6520 Acidized w/3500 gals 15% HCL.  
6320 - 6520 Frac w/124,474 gals gel, 144,938# 16/30 White sand, 31,002# 16/30 SiberProp

6590 - 6790 Acidized w/3500 gals 15% HCL.  
6590 - 6790 Frac w/124,496 gals gel, 145,043# 16/30 White sand, 30,262# 16/30

## 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 #111907 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH MCKINNEY on 06/29/2011 (11DLM0553SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 06/29/2011

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 \*\* REVISED \*\***

**Additional data for transaction #111907 that would not fit on the form**

**32. Additional remarks, continued**

SiberProp

LOGS WILL BE MAILED