

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

JUN 15 2011

OCD - No 665

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			1b. 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"/> Diff. Resvr. Other			2. Name of Operator COG OPERATING LLC			Contact: NETHA AARON E-Mail: aaaron@conchoresources.com			8. Lease Name and Well No. MC FEDERAL 46			
3. Address 550 WEST TEXAS AVENUE SUITE 1300 MIDLAND, TX 79701-4287						3a. Phone No. (include area code) Ph: 432-818-2319			9. API Well No. 30-025-39628-00-S1						
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENW 415FNL 1600FWL At top prod interval reported below NENW Lot C 415FNL 1600FWL 32.826132 N Lat, 103.774321 W Lon At total depth NENW Lot C 415FNL 1600FWL 32.826132 N Lat, 103.774321 W Lon												10. Field and Pool, or Exploratory MALJAMAR		11. Sec., T., R., M., or Block and Survey or Area Sec 21 T17S R32E Mer NMP	
14. Date Spudded 03/19/2011						15. Date T.D. Reached 03/29/2011			16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/25/2011			17. Elevations (DF, KB, RT, GL)* 4062 GL			
18. Total Depth: MD TVD 7030			19. Plug Back T.D.: MD TVD 6974			20. Depth Bridge Plug Set: MD TVD									
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT									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	844		650		0	
11.000	8.625 J-55	32.0	0	2142		600		0	
7.875	5.500 L-80	17.0	0	7026		1200		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	6690							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5485	5660	5485 TO 5660	1.000	26	OPEN, Paddock
B) BLINEBRY	6600	6800	6000 TO 6200	1.000	26	OPEN, Upper Blinebry
C)			6300 TO 6500	1.000	26	OPEN, Middle Blinebry
D)			6600 TO 6800	1.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5485 TO 5660	ACIDIZED W/3000 GALS 15% HCL
5485 TO 5660	FRAC W/100,547 GALS GEL, 109,187# 16/30 OTTAWA SAND, 18,304# 16/30 SIBERPROP
6000 TO 6200	ACIDIZED W/3500 GALS 15% HCL
6000 TO 6200	FRAC W/116,982 GALS GEL, 148,481# 16/30 OTTAWA SAND, 33,272# 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
05/04/2011	05/06/2011	24	→	184.0	309.0	470.0	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	→	184	309	470		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 #109499 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

JUN 15 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
YATES	2166		DOLOMITE & SAND	YATES	2166
QUEEN	3131		SAND	QUEEN	3131
SAN ANDRES	3894		DOLOMITE & ANHYDRITE	SAN ANDRES	3894
GLORIETTA	5403		SAND & DOLOMITE	GLORIETTA	5403
YESO	5453		DOLOMITE & ANHYDRITE	YESO	5453
TUBB	6899			TUBB	6899

32. Additional remarks (include plugging procedure):

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

6300 - 6500 Acidized w/3500 gals 15% HCL.

6300 - 6500 Frac w/114,859 gals gel, 147,091# 16/30 Ottawa sand,
30,041# 16/30 SiberProp

6600 - 6800 Acidized w/3500 gals 15% HCL.

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 #109499 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH MCKINNEY on 06/03/2011 (11DLM0491SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 06/02/2011

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 #109499 that would not fit on the form

32. Additional remarks, continued

6600 - 6800 Frac w/73,850 gals gel, 70,280# 16/30 Ottawa sand,
30,000# 16/30 SiberProp

WELL LOGS WILL BE MAILED