

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 18 2011

HOBBSD

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

OCT-14

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		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"/> Diff. 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: oaaron@conchoresources.com		8. Lease Name and Well No. MC FEDERAL 66	
3. Address 500 WEST TEXAS SUITE 100 MIDLAND, TX 79705		9. API Well No. 30-025-39500	
3a. Phone No. (include area code) Ph: 432-818-2319		10. Field and Pool, or Exploratory MALJAMAR; YESO, WEST	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot M 1025FSL 635FWL At top prod interval reported below Lot M 1025FSL 635FWL At total depth Lot M 1025FSL 635FWL		11. Sec., T., R., M., or Block and Survey or Area Sec 21 T17S R32E Mer	
14. Date Spudded 01/10/2011		15. Date T.D. Reached 01/19/2011	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/09/2011		17. Elevations (DF, KB, RT, GL)* 4007 GL	
18. Total Depth: MD 7025 TVD 7025		19. Plug Back T.D.: MD 6899 TVD 6899	
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 H40	48.0	0	813		700		0	
11.000	8.625 J55	32.0	0	2206		700		0	
7.875	5.500 L80	17.0	0	7014		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	6754							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5450	5600	5450 TO 5600	1.000	26	OPEN
B) BLINEBRY	6060	6310	6060 TO 6310	1.000	26	OPEN
C) BLINEBRY	6380	6580	6380 TO 6580	1.000	26	OPEN
D) BLINEBRY	6650	6850	6650 TO 6850	1.000	26	OPEN

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

Depth Interval	Amount and Type of Material
5450 TO 5600	ACIDIZED W/3100 GALS 15% HCL
5450 TO 5600	FRAC W/115,535 GALS GEL, 121,482# 16/30 WHITE SAND, 18,057# 16/30 SIBERPROP
6060 TO 6310	ACIDIZED W/3500 GALS 15% HCL
6060 TO 6310	FRAC W/139,204 GALS GEL, 170,230# 16/30 WHITE SAND, 41,107# 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
02/18/2011	02/25/2011	24	→	132.0	311.0	438.0	38.1	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	→					POW	ACCEPT

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 #103713 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

MAR 13 2011

BUREAU OF LAND MANAGEMENT
PAD FIELD OFFICE

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	2087		DOLOMITE & SAND	YATES	2087
QUEENS	3065		SAND	QUEENS	3065
SAN ANDRES	3831		DOLOMITE & ANHYDRITE	SAN ANDRES	3831
GLORIETA	5332		SAND & DOLOMITE	GLORIETA	5332
YESO	5402		DOLOMITE & ANHYDRITE	YESO	5402

32. Additional remarks (include plugging procedure):

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

6380 - 6580 Acidized w/3500 gals 15% HCL
 6380 - 6580 Frac w/139,429 gals gel, 169,084# 16/30 White sand, 39,784# 16/30 White sand

6650 - 6850 Acidized w/3500 gals 15% HCL
 6650 - 6850 Frac w/83,932 gals gel, 73,985# 16/30 White sand

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 #103713 Verified by the BLM Well Information System.
 For COG OPERATING LLC, sent to the Hobbs

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 03/04/2011

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Additional data for transaction #103713 that would not fit on the form

32. Additional remarks, continued

LOGS WILL BE MAILED.