

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010**EC****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: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com		8. Lease Name and Well No. MC FEDERAL 44							
3. Address 550 WEST TEXAS AVE STE 1300 MIDLAND, TX 79701		9. API Well No. 30-025-39507 /							
3a. Phone No. (include area code) Ph: 432-685-4332		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 D 330FNL 990FWL 32.82637 N Lat, 103.77631 W Lon At top prod interval reported below Lot D 330FNL 990FWL 32.82637 N Lat, 103.77631 W Lon At total depth Lot D 330FNL 990FWL 32.82637 N Lat, 103.77631 W Lon		11. Sec., T., R., M., or Block and Survey or Area Sec 21 T17S R32E Mer							
14. Date Spudded 08/08/2010		12. County or Parish LEA							
15. Date T.D. Reached 08/17/2010		13. State NM							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/13/2010		17. Elevations (DF, KB, RT, GL)* 4062 GL							
18. Total Depth: MD 7000 TVD 7000		19. Plug Back T.D.: MD 6950 TVD 6950							
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON							
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 type="checkbox"/> No <input checked="" 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	889		725		0	0
11.000	8.625 J55	32.0	0	2020		600		0	0
7.875	5.500 L80	17.0	0	7000		1200		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	6783								
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status		
A) PADDOCK	5460	5620	5460 TO 5620		0.410	24	OPEN		
B) BLINEBRY	6060	6260	6060 TO 6260		0.410	26	OPEN		
C) BLINEBRY	6330	6530	6330 TO 6530		0.410	26	OPEN		
D) BLINEBRY	6600	6800	6600 TO 6800		0.410	26	OPEN		
26. Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and Type of Material								
5460 TO 5620	ACIDIZE W/3,000 GALS 15% ACID.								
5460 TO 5620	FRAC W/104,305 GALS GEL, 111,863# 16/30 WHITE SAND, 26,915# 16/30 CRC SAND.								
6060 TO 6260	ACIDIZE W/2,500 GALS 15% ACID.								
6060 TO 6260	FRAC W/ 72,499 GALS GEL, 179,309# 16/30 WHITE SAND, 32,778# 16/30 CRC SAND.								
28. Production - Interval A									
Date First Produced 09/16/2010	Test Date 09/18/2010	Hours Tested 24	Test Production →	Oil BBL 101.0	Gas MCF 125.0	Water BBL 426.0	Oil Gravity Corr. API 38.3	Gas Gravity 0.60	Production Method ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI 70	Csg. Press. SI 70.0	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status Flowing	
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. SI	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status Flowing	

RECEIVED

NOV 04 2010

NMOCD ARTESIA

ACCEPTED FOR RECORD

NOV 3 2010

/s/ Dustin Winkler

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #93882 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	664		DOLOMITE & SAND	DOLOMITE & SAND	664
QUEEN	1479		SAND	SAND	1479
SAN ANDRES	2213		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	2213
GLORIETA	3611		SAND & DOLOMITE	SAND & DOLOMITE	3611
YESO	3671		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	3671
TUBB	5105				

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

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

6330 - 6530 ACIDIZE W/3,500 GALS 15% ACID.

6330 - 6530 Frac w/ 114,889 gals gel, 144,889# 16/30 White sand, 31,165# 16/30 CRC sand.

6600 - 6800 ACIDIZE W/3,500 GALS 15% ACID.

6600 - 6800 FRAC W/115,091 gals gel, 144,568# 16/30 White sand, 33,239# 16/30 CRC 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 #93882 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 10/04/2010

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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