

IEC


 UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

OCD Artesia

RECEIVED

MAY 07 2010

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

RM

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NMOCD ARTESIA

 5. Lease Serial No.  
 NMNM0397623 /

 1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
 b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
 Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

 2. Name of Operator  
 COG OPERATING LLC Contact: KANICIA CARRILLO  
 E-Mail: kcarrillo@conchoresources.com

 8. Lease Name and Well No.  
 FOLK FEDERAL 13 /

 3. Address 550 WEST TEXAS AVE STE 1300  
 MIDLAND, TX 79701

 3a. Phone No. (include area code)  
 Ph: 432-685-4332

 9. API Well No.  
 30-015-36863 /

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface Lot B 990FNL 2310FEL 32.83899 N Lat, 104.09540 W Lon

At top prod interval reported below Lot B 990FNL 2310FEL 32.83899 N Lat, 104.09540 W Lon

At total depth Lot B 990FNL 2310FEL 32.83899 N Lat, 104.09540 W Lon

 10. Field and Pool, or Exploratory  
 EMPIRE; GLORIETA, YESO, EAST ✓

 11. Sec., T., R., M., or Block and Survey  
 or Area Sec 17 T17S R29E Mer ✓

 12. County or Parish  
 EDDY 13 State  
 NM

 14. Date Spudded  
 03/10/2010

 15. Date T.D. Reached  
 03/17/2010

 16. Date Completed  
☐ D & A ☒ Ready to Prod.  
 04/08/2010

 17. Elevations (DF, KB, RT, GL)\*  
 3612 GL

 18. Total Depth MD 5531  
 TVD 5531

 19. Plug Back T.D.: MD 5268  
 TVD 5268

 20. Depth Bridge Plug Set: MD  
 TVD

 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
 COMPENSATED NEUTRON

 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	320		950		0	0
11.000	8.625 J55	24.0	0	854		400		0	0
7.875	5.500 J55	17.0	0	5516		950		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	4933							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	3960	4206	3960 TO 4206	0.410	29	OPEN
B) BLINEBRY	4420	4620	4420 TO 4620	0.410	26	OPEN
C) BLINEBRY	4690	4890	4690 TO 4890	0.410	26	OPEN
D) BLINEBRY	4960	5160	4960 TO 5160	0.410	26	OPEN

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

Depth Interval	Amount and Type of Material
3960 TO 4206	ACIDIZE W/3,000 GALS 15% ACID.
3960 TO 4206	FRAC W/102,000 GALS GEL, 111,176# WHITE SAND, 24,244# CRC SAND.
4420 TO 4620	ACIDIZE W/2,500 GALS 15% ACID
4420 TO 4620	FRAC W/ 116,000 GALS GEL, 144,273# WHITE SAND, 35,879# CRC 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
04/19/2010	04/21/2010	24	→	142.0	140.0	1365.0	39.3	0.60
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	→					POW

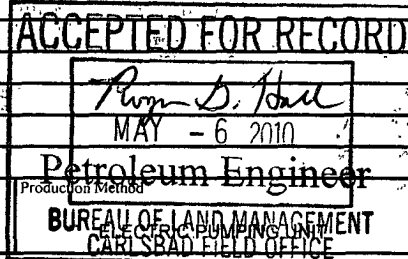
28a Production - Interval B

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 #85762 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	858		DOLOMITE & SAND	DOLOMITE & SAND	858
QUEEN	1695		SAND	SAND	1695
SAN ANDRES	2397		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	2397
GLORIETA	3855		SAND & DOLOMITE	SAND & DOLOMITE	3855
YESO	3911		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	3911
TUBB	5305				

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

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

4690 - 4890 ACIDIZE W/2,500 GALS 15% ACID.

4690 - 4890 Frac w/ 118,000 gals gel, 149,204# White sand, 31,650# CRC sand.

4960 - 5160 ACIDIZE W/2,500 GALS 15% ACID.

4960 - 5160 FRAC W/119,000 gals gel, 147,605# White sand, 35,859# 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 #85762 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 04/30/2010

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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