

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

*OCID - Artesia*

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			5. Lease Serial No. NMNM0397623		
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			Contact: CHASITY JACKSON E-Mail: cjackson@conchoresources.com		
3. Address 550 WEST TEXAS AVENUE SUITE 1300 MIDLAND, TX 79701			3a. Phone No. (include area code) Ph: 432-686-3087		
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface NWSW Lot L 2540FSL 400FWL  At top prod interval reported below NWSW Lot L 2540FSL 400FWL  At total depth NWSW Lot L 2540FSL 400FWL			8. Lease Name and Well No. FOLK FEDERAL 41		
14. Date Spudded 12/26/2010			15. Date T.D. Reached 01/05/2011		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/24/2011			9. API Well No. 30-015-37413-00-S1		
18. Total Depth: MD 5476 TVD 5476			19. Plug Back T.D.: MD 5416 TVD 5416		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory E EMPIRE UNKNOWN		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT			11. Sec., T., R., M., or Block and Survey or Area Sec 17 T17S R29E Mer NMP		
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)			12. County or Parish EDDY		
23. Casing and Liner Record (Report all strings set in well)			13. State NM		
17. Elevations (DF, KB, RT, GL)* 3662 GL			16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/24/2011		

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	274		1525		0	
11.000	8.625 J55	24.0	0	866		400		0	
7.875	5.500 J55	17.0	0	5464		850		0	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	5001							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	3950	4200	3950 TO 4200	0.410	26	OPEN, Paddock
B) BLINEBRY	5015	5215	4475 TO 4675	0.410	26	OPEN, Middle Blinebry
C)			4745 TO 4945	0.410	26	OPEN, Upper Blinebry
D)			5015 TO 5215	0.410	26	OPEN, Lower Blinebry

Depth Interval	Amount and Type of Material
3950 TO 4200	ACIDIZE W/3,000 GALS 15% ACID.
3950 TO 4200	FRAC W/112,041 GALS GEL, 121,024# 16/30 WHITE SAND, 5,608# 16/30 CRC.
4475 TO 4675	ACIDIZE W/3,500 GALS 15% ACID.
4475 TO 4675	FRAC W/124,323 GALS GEL, 142,035# 16/30 OTTAWA SAND, 28,922# 16/30 SIBERPROP.

28. Production - Interval A									
Date First Produced 02/23/2011	Test Date 03/12/2011	Hours Tested 24	Test Production →	Oil BBL 145.0	Gas MCF 66.0	Water BBL 286.0	Oil Gravity Corr. API 39.8	Gas Gravity	Production Method ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 70.0	24 Hr. Rate →	Oil BBL 145	Gas MCF 66	Water BBL 286	Gas:Oil Ratio	Well Status 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	

**RECEIVED**  
APR 11 2011  
NMOCD ARTESIA

**ACCEPTED FOR RECORD**

BUREAU OF LAND MANAGEMENT  
CARLSBAD 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.)  
CAPTURED

## 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	880		DOLOMITE & SAND	YATES	880
QUEEN	1723		SAND	QUEEN	1723
SAN ANDRES	2427		DOLOMITE & ANHYDRITE	SAN ANDRES	2427
GLORIETA	3831		DOLOMITE & SAND		
YESO	3925		DOLOMITE & ANHYDRITE		
TUBB	5333		SAND		

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

44. ACID. FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. CONTINUED...

4745-4945 ACIDIZE W/3,500 GALS 15% ACID.

4745-4945 FRAC W/125,275 GALS GEL, 144,042# 16/30 OTTAWA SAND, 30,566# 16/30 SIBERPROP.

5015-5215 ACIDIZE W/3,500 GALS 15% ACID.

5015-5215 FRAC W/124,213 GALS GEL, 145,320# 16/30 OTTAWA SAND, 30,385# 16/30 SIBERPROP.

## 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 #104837 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by CHERYLE RYAN on 03/22/2011 (11CMR0429SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 03/21/2011

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 \*\***