

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD 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		7. Unit or CA Agreement Name and No	
Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com		8. Lease Name and Well No. FOLK FEDERAL 11	
3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701		9. API Well No 30-015-36890-00-S1	
3a. Phone No. (include area code) Ph: 432-685-4332		10. Field and Pool, or Exploratory EMPIRE; Glaveta Vero East	
4. Location of Well (Report location clearly and in accordance with Federal requirements) Sec 17 T17S R29E Mer NMP At surface NENE 1220FNL 660FEL 32.83855 N Lat, 104.09057 W Lon At top prod interval reported below Sec 17 T17S R29E Mer NMP At total depth NENE 977FNL 984FEL		11. Sec., T., R., M., or Block and Survey or Area Sec 17 T17S R29E Mer NMP	
14. Date Spudded 10/29/2009		15. Date T.D. Reached 11/05/2009	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 12/03/2009		17. Elevations (DF, KB, RT, GL)* 3603 GL	
18. Total Depth: MD 5412 TVD 5412		19. Plug Back T.D.: MD 5343 TVD 5343	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT	
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	48.0	0	312		400		0	0
17.500	13.375 H40	48.0	0	312		400		0	
11.000	8 625 J55	24.0	0	839		400		0	
11.000	8 625	24.0	0	839		400		0	0
7.875	5.500 L80	17.0	0	5401		900		0	
7.875	5.500	17.0	0	5410		900		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	4961							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			4006 TO 4268	0.410	29	OPEN
B) PADDOCK	3959	4141	4430 TO 4630	0.410	26	OPEN
C) BLINEBRY	4960	5160	4700 TO 4900	0.410	26	OPEN
D)			4970 TO 5170	0.410	29	OPEN

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

Depth Interval	Amount and Type of Material
4006 TO 4268	ACIDIZE W/4,000 GALS 10% ACID
4006 TO 4268	FRAC W/99,867 GALS GEL, 91,452# 16/30 WHITE SAND, 9,512# 16/30 SIBERPROP SAND.
4430 TO 4630	ACIDIZE W/3,500 GALS ACID
4430 TO 4630	FRAC W/124,856 GALS GEL, 142,259# 16/30 WHITE SAND, 30,351# 16/30 SIBERPROP 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	Production Method
12/18/2009	12/18/2009	24	→	51.0	100.0	1158.0	38.4		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		→	51	100	1158		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 #79826 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED

ACCEPTED FOR RECORD  
JAN 26 2010  
/s/ Myles Kristof  
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.)  
**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 QUEEN SAN ANDRES GLORIETA PADDOCK TUBB	880 1729 2447 3910 3981 5352		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE SAND		

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

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

4700-4900 Acidize w/3,500 acid.

4700-4900 Frac w/125,164 gals gel, 143,197# 16/30 WHITE SAND, 30,329# 16/30 SIBERPROP SAND.

4970-5170 Acidize w/3,500 acid.

4970-5170 Frac w/128,993 gals gel, 139,501# 16/30 WHITE SAND, 31,163# 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 #79826 Verified by the BLM Well Information System.**

**For COG OPERATING LLC, sent to the Carlsbad**

**Committed to AFMSS for processing by KURT SIMMONS on 01/12/2010 (10KMS0483SE)**

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 01/11/2010

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

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

**Additional data for transaction #79826 that would not fit on the form**

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

Depth Interval	Amount and Type of Material
4700 TO 4900	ACIDIZE W/3,500 GALS ACID.
4700 TO 4900	FRAC W/125,164 GALS GEL, 143,197# 16/30 WHITE SAND, 30,329# 16/30 SIBERPROP SAND.
4970 TO 5170	ACIDIZE W/3,500 GALS ACID.
4970 TO 5170	FRAC W/128,993 GALS GEL, 139,501# 16/30 WHITE SAND, 31,163# 16/30 SIBERPROP SAND.

**32. Additional remarks, continued**

SAND.