

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 28 2010

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

## WELL COMPLETION OR RECOMPLETION REPORT

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. NMLC029405A	
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: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com	
3. Address 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701		3a. Phone No. (include area code) Ph: 432-685-4332	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWNE 1690FNL 2150FWL 32.82272 N Lat, 103.78711 W Lon At top prod interval reported below SENW Lot G 1690FNL 2150FWL 32.82264 N Lat, 103.78652 W Lon At total depth SENW Lot G 1690FNL 2150FWL 32.82264 N Lat, 103.78652 W Lon		8. Lease Name and Well No BC FEDERAL 31	
14. Date Spudded 03/17/2010		15. Date T.D. Reached 03/27/2010	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/23/2010		9. API Well No. 30-025-38713-00-S1	
18. Total Depth MD 7025 TVD 7025		19. Plug Back T.D.: MD 6910 TVD 6910	
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 Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0	0	742		650		0	0
11.000	8.625 J-55	24.0	0	2100		900		0	
11.000	8.625 J55	32.0	0	2118		600		0	0
7.875	5.500 L80	17.0	0	7015		1150		0	0
7.875	5.500 J-55	17.0	0	7200		1500		1900	

## 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	6556							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) YESO			5380 TO 5530	0.000	26	OPEN
B) PADDOCK	5380	5530	6000 TO 6200	0.000	26	OPEN
C) BLINEBRY	6000	6750	6280 TO 6480	0.000	26	OPEN
D)			6550 TO 6750	0.000	26	OPEN

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

Depth Interval	Amount and Type of Material
5380 TO 5530	ACIDIZE W/2,500 GALS 15% ACID
5380 TO 5530	FRAC W/106,000 GALS GEL, 135,850# 16/30 WHITE SAND, 17,090# 16/30 SUPER LC
6000 TO 6200	ACIDIZE W/2,500 GALS 15% ACID
6000 TO 6200	FRAC W/115,000 GALS GEL, 146,250# 16/30 WHITE SAND, 34,018# 16/30 SUPER LC

## 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
04/28/2010	04/29/2010	24	→	118.0	214.0	441.0	38.5	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	→	118	214	441	1814	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
04/28/2010	04/29/2010	24	→	118.0	214.0	441.0	38.5	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	70.0	→	118	214	441		POW	

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

ELECTRONIC SUBMISSION #87606 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

PETROLEUM ENGINEER

JUN 30 2010

ACCEPTED FOR RECORD

JUN 23 2010

/s/ Roger Hall

BUREAU OF LAND MANAGEMENT  
ELECTRIC PUMPING UNIT  
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 GLORIETTA YESO TUBB	2056 3030 3795 5279 5373 6856		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE SAND		

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

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

6280 - 6480 ACIDIZE W/2,500 GALS 15% ACID.

6280 - 6480 Frac w/ 113,000 gals gel, 146,255# 20/40 White sand, 33,682# 16/30 Super LC

6550 - 6750 ACIDIZE W/2,500 GALS 15% ACID.

6550 - 6750 FRAC W/115,000 gals gel, 144,632# 20/40 White sand, 38,340# 16/30 Super LC

**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. Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #87606 Verified by the BLM Well Information System.**

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

**Committed to AFMSS for processing by CHERYLE RYAN on 06/10/2010 (10CMR0191SE)**

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 06/08/2010

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 \*\***