

RECEIVED

Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTSEP 27 2010  
HOBSOCDFORM 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. NMLC029405B		
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 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701-4287			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 SESE 385FSL 1170FEL At top prod interval reported below SESE Lot P 385FSL 1170FEL At total depth SESE Lot P 385FSL 1170FEL			8. Lease Name and Well No. GC FEDERAL 49		
14. Date Spudded 06/10/2010			15. Date T.D. Reached 06/19/2010		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 07/16/2010			9. API Well No. 30-025-39422-00-S1		
17. Elevations (DF, KB, RT, GL)* 3923 GL			10. Field and Pool, or Exploratory MALJAMAR Yeso West		
11. Sec., T., R., M., or Block and Survey or Area Sec 19 T17S R32E Mer NMP			12. County or Parish LEA		
13. State NM			19. Plug Back T.D.: MD 6860 TVD 6860		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT		
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 H40	48.0	0	653		550		0	0
11.000	8.625 J55	32.0	0	2067		600		0	0
7 875	5.500 L80	17.0	0	6915		1100		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	6418							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			5270 TO 5420	0.000	26	OPEN
B) PADDOCK	5270	5420	5940 TO 6140	0.000	26	OPEN
C) BLINEBRY	6480	6680	6210 TO 6410	0.000	26	OPEN
D)			6480 TO 6680	0.000	26	OPEN

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

Depth Interval	Amount and Type of Material
5270 TO 5420	ACIDIZE W/2,500 GALS 15% ACID
5270 TO 5420	FRAC W/ 106,695 GALS GEL, 111,436# 16/30 OTTAWA SAND, 15,512# 16/30 SIBERPROP
5940 TO 6140	ACIDIZE W/3,500 GALS 15% ACID
5940 TO 6140	FRAC W/ 124,336 GALS GEL, 147,314# 16/30 OTTAWA SAND, 32,065# 16/30 SIBERPROP

## 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
07/16/2010	07/17/2010	24	→	52 0	8 0	596 0	36 4	
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	→	52	8	596	154	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
07/16/2010	07/17/2010	24	→	52 0	8 0	596.0	36 4	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	→	52	8	596		POW	

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

ELECTRONIC SUBMISSION #91365 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE  
ELECTRIC PUMPING UNIT

SEP 20 2010

FAC PETROLEUM ENGINEER

SEP 27 2010

## 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	1956 2942 3712 5203 5262 6764		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE SAND		

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

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

6210 - 6410 ACIDIZE W/3,500 GALS 15% ACID.

6210 - 6410 FRAC W/ 124,444 GALS GEL, 148,205# 16/30 OTTAWA SAND, 33,804# 16/30 SIBERPROP.

6480 - 6680 ACIDIZE W/3,500 GALS 15% ACID

## 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 #91365 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by CHERYLE RYAN on 08/18/2010 (10CMR0228SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 08/18/2010

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 #91365 that would not fit on the form**

**32. Additional remarks, continued**

6480 - 6680 FRAC W/123,882 GALS GEL, 146,972# 16/30 OTTAWA SAND, 34,642# 16/30 SIBERPROP.