

RECEIVED

SEP 02 2009

HOBBSOC

Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resvr Other			7. Unit or CA Agreement Name and No		
2. Name of Operator COG OPERATING LLC			8. Lease Name and Well No MC FEDERAL 25		
Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com			9. API Well No. 30-025-38832-00-S1		
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)* Sec 21 T17S R32E Mer NMP At surface NENW 330FNL 2310FWL 32 82644 N Lat, 103.77253 W Lon At top prod interval reported below At total depth			10. Field and Pool, or Exploratory MALJAMAR YESO		
14. Date Spudded 07/10/2009			15. Date T.D. Reached 07/21/2009		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 08/11/2009			17. Elevations (DF, KB, RT, GL)* 4041 GL		
18. Total Depth: MD TVD 7027 7027		19. Plug Back T.D.: MD TVD 6970 6970		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 H-40	48.0	0	831		700		0	
11.000	8.625 J-55	24.0	0	2103		700		0	
7.875	5.500 J-55	17.0	0	7018		1250		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	6481							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) YESO			5460 TO 5580	0.000	36	OPEN
B) PADDOCK	5460	5580	6000 TO 6200	0.000	36	OPEN
C) BLINEBRY	6540	6740	6270 TO 6470	0.000	36	OPEN
D)			6540 TO 6740	0.000	48	OPEN

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

Depth Interval	Amount and Type of Material
5460 TO 5580	ACIDIZE W/2,500 GALS 15% ACID
5460 TO 5580	FRAC W/ 109,208 GALS GEL, 116,052# 16/30 OTTAWA SAND, 12,609 16/30 SIBERPROP
6000 TO 6200	ACIDIZE W/3,500 GALS 15% ACID
6000 TO 6200	FRAC W/ 125,210 GALS GEL, 149,153# 16/30 OTTAWA SAND, 31,959# 16/30 SIBERPROP

## 28. Production - Interval A

Date First Produced 08/15/2009	Test Date 08/15/2009	Hours Tested 24	Test Production →	Oil BBL 223.0	Gas MCF 332.0	Water BBL 777.0	Oil Gravity Corr API 56.4	Gas Gravity 0.60	<div style="border: 2px solid black; padding: 5px; text-align: center;"> <b>ACCEPTED FOR RECORD</b>              ELECTRIC PUMPING UNIT  <b>SEP 1 2009</b>  <i>/s/ Chris Walls</i>              BUREAU OF LAND MANAGEMENT              CARLSBAD FIELD OFFICE              ELECTRIC PUMPING UNIT           </div>
Choke Size	Tbg Press Flwg SI 70	Csg Press 70.0	24 Hr Rate →	Oil BBL 223	Gas MCF 332	Water BBL 777	Gas Oil Ratio 1489	Well Status POW	

  

Date First Produced 08/15/2009	Test Date 08/15/2009	Hours Tested 24	Test Production →	Oil BBL 223.0	Gas MCF 332.0	Water BBL 777.0	Oil Gravity Corr API 56.4	Gas Gravity 0.60	<div style="border: 2px solid black; padding: 5px; text-align: center;"> <b>ACCEPTED FOR RECORD</b>              ELECTRIC PUMPING UNIT  <b>SEP 1 2009</b>  <i>/s/ Chris Walls</i>              BUREAU OF LAND MANAGEMENT              CARLSBAD FIELD OFFICE              ELECTRIC PUMPING UNIT           </div>
Choke Size	Tbg Press Flwg SI 70	Csg Press 70.0	24 Hr Rate →	Oil BBL 223	Gas MCF 332	Water BBL 777	Gas Oil Ratio 1489	Well Status POW	

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

ELECTRONIC SUBMISSION #73684 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

## 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	2145		DOLOMITE & SAND	YATES	2145
QUEEN	3105		SAND	QUEEN	3105
SAN ANDRES	3857		DOLOMITE & ANHYDRITE	SAN ANDRES	3857
GLORIETTA	5390		SAND & DOLOMITE	GLORIETTA	5390
YESO	5428		DOLOMITE & ANHYDRITE	YESO	5428
TUBB	6897		SAND		

## 32 Additional remarks (include plugging procedure)

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

6270-6470 ACIDIZE W/3,500 GALS 15% ACID

6270-6470 FRAC W/ 125,533 GALS GEL, 148,767# 16/30 OTTAWA SAND, 31,101# 16/30 SIBERPROP.

6540-6740 ACIDIZE W/3,500 GALS 15% ACID.

6540-6740 FRAC W/126,356 GALS GEL, 149,015# 16/30 OTTAWA SAND, 32,851# 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 Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #73684 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by KURT SIMMONS on 08/26/2009 (09KMS1042SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature \_\_\_\_\_ (Electronic Submission)

Date 08/26/2009

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 \*\***