

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**RECEIVED**  
OCD Hobbs  
JUN 30 2010  
HOBBSCOCDFORM 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 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 _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator COG OPERATING LLC		8. Lease Name and Well No MC FEDERAL 53	
Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com		9. API Well No. 30-025-39426-00-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)* At surface SWNE Lot G 1665FNL 1700FEL 32.82268 N Lat, 103.76787 W Lon At top prod interval reported below SWNE Lot G 1665FNL 1700FEL 32.82268 N Lat, 103.76787 W Lon At total depth SWNE Lot G 1665FNL 1700FEL 32.82268 N Lat, 103.76787 W Lon		10. Field and Pool, or Exploratory MALJAMAR; Yes West 44500; 11. Sec., T., R., M., or Block and Survey or Area Sec 21 T17S R32E Mer NMP 12. County or Parish LEA 13. State NM	
14. Date Spudded 01/01/2010		15. Date T.D. Reached 01/11/2010	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/03/2010		17. Elevations (DF, KB, RT, GL)* 4043 GL	
18. Total Depth. MD 7115 TVD 7115		19. Plug Back T.D.: MD 7048 TVD 7048	
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 type="checkbox"/> No <input checked="" 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	874		650		0	0
11.000	8.625 J55	32.0	0	2103		600		0	0
7.875	5.500 L80	17.0	0	7100		600		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	6581							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			5840 TO 5600	0.000	26	OPEN
B) PADDOCK	5600	5840	6040 TO 6240	0.000	26	OPEN
C) BLINEBRY	6040	6780	6310 TO 6510	0.000	26	OPEN
D)			6580 TO 6780	0.000	26	OPEN

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

Depth Interval	Amount and Type of Material
5600 TO 5840	FRAC W/97,385 GALS GEL, 103,952# 16/30 OTTAWA SAND, 13,612# 16/30 SIBERPROP.
5600 TO 5840	ACIDIZE W/2,500 GALS 15% ACID
6040 TO 6240	FRAC W/ 117,263 GALS GEL, 148,986# 16/30 OTTAWA SAND, 33,264# 16/30 SIBERPROP
6040 TO 6240	ACIDIZE W/3,500 GALS 15% ACID

## 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
03/09/2010	03/09/2010	24	→	124 0	142 0	526 0	39 6	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	→	124	142	526	1145	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
03/09/2010	03/09/2010	24	→	124 0	142 0	526 0	39 6	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	→	124	142	526		POW	

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

ELECTRONIC SUBMISSION #87410 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*****ACCEPTED FOR RECORD**  
ELECTRIC PUMPING UNIT  
JUN 25 2010  
/s/ Roger Hall  
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 GLORIETTA YESO TUBB	2151 3112 3841 5365 5469 6911		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE SAND		

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

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

6310 - 6510 ACIDIZE W/3,500 GALS 15% ACID.

6310 - 6510 FRAC W/ 116,824 GALS GEL, 148,201# 16/30 Ottawa SAND, 34,881# 16/30 SIBERPROP.

6580 - 6780 Acidize w/3,500 gals 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 #87410 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by CHERYLE RYAN on 06/04/2010 (10CMR0188SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 06/03/2010

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 #87410 that would not fit on the form**

**32. Additional remarks, continued**

6580 - 6780 Frac w/ 112,609 gals gel, 152,090# 16/30 Ottawa SAND, 19,459# 16/30 SIBERPROP.