

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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FEB 03 2009

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

HOBBBSOCD

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		6. If Indian, Allottee or Tribe Name							
b. Type of Completion ☐ New Well ☐ Work Over ☒ Deepen ☐ Plug Back ☐ Diff. Resvr Other		7. Unit or CA Agreement Name and No.							
2. Name of Operator COG OPERATING LLC		8. Lease Name and Well No. JC FEDERAL 03							
3. Address 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701		9. API Well No. 30-025-35988-00-S1							
3a. Phone No. (include area code) Ph: 432-685-4340		10. Field and Pool, or Exploratory MALJAMAR : Yeso West							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWSW 2310FSL 330FWL At top prod interval reported below At total depth L-22-17s-32e 2318/54400/v		11. Sec., T., R., M., or Block and Survey or Area Sec 22 T17S R32E Mer NMP							
14. Date Spudded 07/14/2008		15. Date T.D. Reached 07/28/2008							
16. Date Completed ☐ D & A ☒ Ready to Prod. 08/28/2008		17. Elevations (DF, KB, RT, GL)* 4012 GL							
18. Total Depth: MD 7020 TVD		19. Plug Back T.D.: MD 6900 TVD							
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR N D L SGR DLL FDC COMPENSATED NEUT							
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☒ No ☐ 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
4.750	4.000 L80	11.6		7000	5702	125		0	0
17.500	13.375 H-40	48.0	0	521		500		0	
12.250	9.625 J-55	47.0	0	2117		825		0	
7.875	5.500 J-55	17.0	0	5945		1320		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	5648								
25. Producing Intervals									
26. Perforation Record									
Formation	Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status		
A) PADDOCK	5426	5624	5426 TO 5624		0.000	52	squeezed		
B) YESO	6590	6790	6030 TO 6230		0.000	32	OPEN		
C)			6310 TO 6510		0.000	32	OPEN		
D)			6590 TO 6790		0.000	48	OPEN		
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and Type of Material								
5426 TO 5624	2500 GALS 15% NEFE, 32,000 GALS 20% ACID, 54,000 GALS 40# GEL, 5000 GALS 15% ACID								
6030 TO 6230	AZ W/ 2500 GALS ACID. FRAC W/ 112K GAL SLVRSTM 21# GEL CARRYING 131500# WHITE & 47774# XPEDITE								
6310 TO 6510	AZ W/ 2500 GALS ACID. FRAC W/ 115K GAL SLVRSTM 21# GEL CARRYING 149600# WHITE & 32172# XPEDITE								
6590 TO 6790	AZ W/ 2500 GALS ACID. FRAC W/ 62K GAL SLVRSTM 21# GEL CARRYING 83170# WHITE & 21230# XPEDITE								
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
08/27/2008	01/13/2004	24	→	78.0	222.0	123.0	40.2		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	
		32.0	→	78	222	123	2846	PCW	JAN 31 2009
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
08/27/2008	09/05/2008	24	→	78.0	222.0	123.0	40.2	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	
			→	78	222	123	2846	POW	

ACCEPTED FOR RECORD

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

ELECTRONIC SUBMISSION #66742 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.)
CAPTURED

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
QUEEN SAN ANDRES PADDOCK	3096 3863 5426	5624		YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES GLORIETTA	2140 2495 3096 3454 3863 5362

32. Additional remarks (include plugging procedure):

Logs will be mailed to the Bureau of Land Management.

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 #66742 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by KURT SIMMONS on 01/29/2009 (09KMS0429SE)

Name (please print) PHYLLIS A. EDWARDS

Title PERSON RESPONSIBLE

Signature (Electronic Submission)

Date 01/28/2009

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 ****

Revisions to Operator-Submitted EC Data for Well Completion #66742

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMLC029509B	NMLC029509B
Agreement:		
Operator:	COG OPERATING LLC 550 WEST TEXAS SUITE 1300 MIDLAND, TX 79701 Ph: 432-685-4340	COG OPERATING LLC 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701 Ph: 432.685.4342
Admin Contact:	PHYLLIS A. EDWARDS REGULATORY ANALYST E-Mail: pedwards@conchoresources.com Ph: 432-685-4340 Fx: 432-685-4399	PHYLLIS A. EDWARDS PERSON RESPONSIBLE E-Mail: pedwards@conchoresources.com Ph: 432-685-4340 Fx: 432-685-4399
Tech Contact:	PHYLLIS A. EDWARDS REGULATORY ANALYST E-Mail: pedwards@conchoresources.com Ph: 432-685-4340 Fx: 432-685-4399	PHYLLIS A. EDWARDS PERSON RESPONSIBLE E-Mail: pedwards@conchoresources.com Ph: 432-685-4340 Fx: 432-685-4399
Well Name Number:	J C FEDERAL 3	JC FEDERAL 03
Location: State: County: S/T/R: Surf Loc:	NM LEA Sec 22 T17S R32E Mer Lot L 2310FSL 330FWL	NM LEA Sec 22 T17S R32E Mer NMP NWSW 2310FSL 330FWL
Field/Pool:	MALJAMAR; YESO	MALJAMAR
Logs Run:	COMPENSATED NEUTRON CCL	GR N D L SGR DLL FDC COMPENSATEDNEUT
Producing Intervals - Formations:	YESO YESO YESO	PADDOCK YESO
Porous Zones:	QUEEN SAN ANDRES GLORIETA	QUEEN SAN ANDRES PADDOCK
Markers:		YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES GLORIETTA