

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FEB 23 2012

1a Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other 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. Resrv. Other _____						6. If Indian, Allottee or Tribe Name 7. Unit or CA Agreement Name and No.	
2. Name of Operator COG OPERATING LLC Contact NETHA AARON E-Mail: oaaron@conchoresources.com						8. Lease Name and Well No. JC FEDERAL 37	
3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701-4287				3a. Phone No. (include area code) Ph: 432-818-2319		9. API Well No. 30-025-40239-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 21 T17S R32E Mer NMP At surface SWSE 330FSL 1650FEL At top prod interval reported below At total depth						10. Field and Pool, or Exploratory MALJAMAR	
						11. Sec., T., R., M., or Block and Survey or Area Sec 21 T17S R32E Mer NMP	
						12. County or Parish LEA	
14. Date Spudded 10/30/2011		15. Date T.D. Reached 11/08/2011		16. Date Completed <input type="checkbox"/> D & A 12/02/2011 <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, KB, RT, GL)* 4015 GL	
18. Total Depth. MD TVD		7136 7136	19. Plug Back T.D.: MD TVD		7095 7095	20. Depth Bridge Plug Set MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 3-DETLITHODENCO						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)

[illegible]

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	6772							




25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5510	6820	5510 TO 5685	0.000	26	OPEN, Paddock
B)			5888 TO 6040	0.000	27	OPEN, Upper Blinebry
C)			6350 TO 6550	0.000	26	OPEN, Middle Blinebry
D)			6620 TO 6820	0.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material	RECLAMATION DUE 6-2-12
5510 TO 5685	ACIDIZED W/3000 GALS 15% HCL	
5510 TO 5685	FRAC W/110,035 GALS GEL, 114,915# 16/30 WHITE SAND, 13,499# 16/30 SIBERPROP	
5888 TO 6040	ACIDIZE W/3500 GALS 15% HCL	
5888 TO 6040	FRAC W/123,501 GALS GEL, 147,572# 16/30 WHITE SAND, 26,002# 16/30 SIBERPROP	

28 Production - Interval A

Date First Produced 12/02/2011	Test Date 12/02/2011	Hours Tested 24	Test Production 	Oil BBL 105 0	Gas MCF 130 0	Water BBL 271 0	Oil Gravity Corr. API 39.3	Gas Gravity 0.60	Production Method ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg SI 70	Csg Press 70.0	24 Hr Rate 	Oil BBL 105	Gas MCF 130	Water BBL 271	Gas Oil Ratio 1238	Well Status POWER	

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
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	<div style="text-align: center;">FEB 19 2012</div> <div style="text-align: right;">K</div>

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

ELECTRONIC SUBMISSION #130728 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

SUBMISSION #150728 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
 ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** OFFICE

BUREAU OF LAND MANAGEMENT

MAR 22 2012

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
RUSTLER	801		SALT	RUSTLER	801
YATES	2146		DOLOMITE & SAND	YATES	2146
QUEEN	3114		SANDSTONE & DOLOMITE	QUEEN	3114
SAN ANDRES	3874		DOLOMITE & LIMESTONE	SAN ANDRES	3874
GLORIETTA	5407		SANDSTONE	GLORIETTA	5407
YESO	5500		SAND & DOLOMITE	YESO	5500
TUBB	6887		DOLOMITE & SANDSTONE	TUBB	6887

32. Additional remarks (include plugging procedure):

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

6350 - 6550 Acidized w/3500 gals 15% HCL
6350 - 6550 Frac w/124,110 gals gel, 145,808# 16/30 White sand,
27,864# 16/30 SiberProp

6620 - 6820 Acidized w/2500 gals 15% HCL

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 #130728 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH MCKINNEY on 02/15/2012 (12DLM0267SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 02/13/2012

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 #130728 that would not fit on the form

32. Additional remarks, continued

6620 - 6820 Frac w/132,000 gals gel, 147,208# 16/30 White sand,
31,184# 16/30 SiberProp

38. Type Electric & Other Mechanical Logs Run CONT'D

GAMMA RAY CCL

LOGS WILL BE MAILED