

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

JUN 07 2011

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

RECEIVED

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. JC FEDERAL 56		
Contact: NETHA AARON E-Mail: oaaron@conchoresources.com					
3. Address 550 WEST TEXAS SUITE 100 MIDLAND, TX 79701			9. API Well No. 30-025-39627		
3a. Phone No. (include area code) Ph: 432-818-2319					
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot J 1650FSL 1500FEL 32.817251 N Lat, 103.750053 W Lon At top prod interval reported below Lot J 1650FSL 1500FEL 32.817251 N Lat, 103.750053 W Lon At total depth Lot J 1650FSL 1500FEL 32.817251 N Lat, 103.750053 W Lon			10. Field and Pool, or Exploratory MALJAMAR, YESO, WEST		
			11. Sec., T., R., M., or Block and Survey or Area Sec 22 T17S R32E Mer		
			12. County or Parish LEA COUNTY		13. State NM
14. Date Spudded 03/17/2011		15. Date T.D. Reached 03/27/2011	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/21/2011		17. Elevations (DF, KB, RT, GL)* 3993 GL
18. Total Depth: MD 7110 TVD 7110		19. Plug Back T.D.: MD 7040 TVD 7040		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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0	0	888		650		0	
11.000	8.625 J55	32.0	0	2180		600		0	
7.875	5.500 L80	17.0	0	7100		1550		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	6727							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5600	5750	5600 TO 5750	1.000	26	OPEN
B) BLINEBRY	6110	6310	6110 TO 6310	1.000	26	OPEN
C) BLINEBRY	6380	6580	6380 TO 6580	1.000	26	OPEN
D) BLINEBRY	6650	6850	6650 TO 6850	1.000	26	OPEN

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5600 TO 5750	ACIDIZED W/3000 GALS 15% HCL
5600 TO 5750	FRAC W/110,000 GALS GEL, 105,017# 16/30 WHITE SAND, 18,698# 16/30 SUPER LC
6110 TO 6310	ACIDIZED W/2500 GALS 15% HCL
6110 TO 6310	FRAC W/127,000 GALS GEL, 147,498# 16/30 WHITE SAND, 30,135# 16/30 SUPER LC

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
05/09/2011	05/14/2011	24	→	253.0	158.0	245.0	41.2	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	70	70.0	→					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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #108821 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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	2181		DOLOMITE & SAND	YATES	2181
QUEENS	3175		SAND	QUEENS	3175
SAN ANDRES	3986		DOLOMITE & ANHYDRITE	SAN ANDRES	3986
GLORIETA	5468		SAND & DOLOMITE	GLORIETA	5468
YESO	5574		DOLOMITE & ANHYDRITE	YESO	5574
TUBB	6983			TUBB	6983

32. Additional remarks (include plugging procedure):

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

6380 - 6580 Acidized w/2500 gals 15% HCL
6380 - 6580 Frac w/124,000 gals gel, 124,626# 16/30 White sand,
29,079# 16/30 Super LC

6650 - 6850 Acidized w/2500 gals 15% HCL
6650 - 6850 Frac w/124,000 gals gel, 146,754# 16/30 White sand,

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 #108821 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 05/23/2011

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Additional data for transaction #108821 that would not fit on the form

32. Additional remarks, continued

29,638# 16/30 Super LC

LOGS WILL BE MAILED