

FEB 11 2009

HOBBSOCL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC029509B

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. Resvr. Other _____				6. If Indian, Allottee or Tribe Name 7. Unit or CA Agreement Name and No.	
2. Name of Operator COG OPERATING LLC Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com				8. Lease Name and Well No. JC FEDERAL 16	
3. Address 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701			3a. Phone No. (include area code) Ph: 432-685-4332		9. API Well No. 30-025-38836-00-S1
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 22 T17S R32E Mer NMP NWNE 1060FNL 1575FWL ✓ 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 22 T17S R32E Mer NMP 12. County or Parish/ LEA 13. State NM	
14. Date Spudded 11/01/2008		15. Date T.D. Reached 11/14/2008		16. Date Completed <input type="checkbox"/> D & A 12/09/2008 <input checked="" type="checkbox"/> Ready to Prod.	
17. Elevations (DF, KB, RT, GL)* 4007 GL					
18. Total Depth: MD 6961 TVD 6961		19. Plug Back T.D.: MD 6875 TVD 6875		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)*

[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	6440							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	6490	6690	5456 TO 5590	0.000	36	OPEN
B)			5950 TO 6150	0.000	36	OPEN
C)			6220 TO 6420	0.000	36	OPEN
D)			6490 TO 6690	0.000	48	OPEN

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

Depth Interval	Amount and Type of Material
5456 TO 5590	BBLS ACID.
5456 TO 5590	BBLS GEL, 94,489# 16/30 SAND
5950 TO 6150	BBLS ACID.
5950 TO 6150	BBLS GEL, 199,873# 16/30 SAND.

28. Production - Interval A

Date First Produced 12/10/2008	Test Date 01/08/2009	Hours Tested 24	Test Production —▶	Oil BBL 156.0	Gas MCF 291.0	Water BBL 382.0	Oil Gravity Corr API 38.0	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 156	Gas MCF 291	Water BBL 382	Gas:Oil Ratio	Well Status POW	ACCEPTED FOR RECORD

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	FEB 8 2009 4/1/09

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

ELECTRONIC SUBMISSION #66953 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

ACCEPTED FOR RECORD

Production Method

FEB 8 2009

J. L. [Signature]

BUREAU OF LAND MANAGEMENT
ED ** BLM REVISED ** 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 YESO	2132 3091 3875 5447		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE DOLOMITE & ANHYDRITE		

32. Additional remarks (include plugging procedure):
Logs will be mailed.

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

6220 - 6420 Acidize w/60 bbls acid.

6220 - 6420 Frac W/2,696 bbls gel, 180,725# 16/30 sand.

6490 - 6690 Acidize w/60 bbls 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 #66953 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by KURT SIMMONS on 02/04/2009 (09KMS0455SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 02/04/2009

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 ****

Additional data for transaction #66953 that would not fit on the form

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

Depth Interval	Amount and Type of Material
6220 TO 6420	BBS acid
6220 TO 6420	bbls gel, 180725# 16/30 sand
6490 TO 6690	bbls acid
6490 TO 6690	bbls gel, 158527# 16/30 sand

32. Additional remarks, continued

6490 - 6690 Frac w/2,696 bbls gel, 158,527# 16/30 sand.