

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC029509A
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
Contact: KANICIA R CARRILLO E-Mail: kcarrillo@conchoresources.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701	3b. Phone No (include area code) Ph: 432-685-4332	8. Well Name and No. MC FEDERAL 20
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 21 T17S R32E NWSW 1500FSL 990FWL		9. API Well No. 30-025-38703-00-S1
Unit L		10. Field and Pool, or Exploratory MALJAMAR yeso West
		11. County or Parish, and State LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

04/9/08 Perf @ 6630 - 6830 w/ 2 SPF, 48 holes. 04/9/08 Acidize w/5,000 gals acid. Frac w/63,000 gals gel, 69,385# 16/30 sand, 21,552# Siberprop sand. Set comp plug @ 6590. Perf @ 6360 - 6560 w/2 SPF, 36 holes. Acidize w/5,000 gals acid. Frac w/63,000 gals gel, 72,482# 16/30 sand, 19,219# Siberprop sand. Set comp plug @ 6130. Perf @ 5870 - 6070 w/ 2 SPF, 36 holes. Acidize w/5,000 gals acid. Frac w/67,000 gals gel, 72,765# 16/30 sand, 29,547# Siberprop sand. 04/15/08 Drill out plugs. Clean out to PBD 6910. 04/17/08 RIH w/ 175jts 2-7/8" J55 tbg, SN @ 5734 RIH w/ 2-2 1/2" x 20" RHTC pump. Hang on well.

RECEIVED

MAY 22 2008

HOBBS OCD

14 I hereby certify that the foregoing is true and correct	
Electronic Submission #60082 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Hobbs Committed to AFMSS for processing by KURT SIMMONS on 05/05/2008 (08KMS0695SE)	
Name (Printed/Typed) KANICIA R CARRILLO	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 05/05/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED		JAMES A AMOS Title SUPERVISOR EPS	Date 05/19/2008
Conditions of approval, if any, are attached Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon		Office Hobbs	

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.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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MAY 22 2008

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

HOBBS 000

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No NMLC029509A	
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. Indian, Allottee or Tribe Name	
2. Name of Operator COG OPERATING LLC		7. Unit or CA Agreement Name and No.	
3. Address 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701		8. Lease Name and Well No MC FEDERAL 20	
3a. Phone No. (include area code) Ph: 432-685-4332		9. API Well No 30-025-38703-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 21 T17S R32E Mer NMP NWSW 1500FSL 990FWL At top prod interval reported below At total depth		10. Field and Pool, or Exploratory MALJAMAR Yes West	
14. Date Spudded 03/15/2008		15. Date T.D. Reached 03/27/2008	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/17/2008		17. Elevations (DF, KB, RT, GL)* 4016 GL	
18. Total Depth: MD TVD 7027		19. Plug Back T.D.: MD TVD 6910	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT CCL	
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 Cementer Depth	No of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 500	13.375 H40	48.0		836		1000		0	150
11.000	8.625 J55	32.0		2129		1100		0	150
7.875	5.500 L80	17.0		7005		1100		0	54
17 500	13.375 H-40	48.0	0	836		1000		0	
11 000	8.625 J-55	32.0	0	2129		1100		0	
7.875	5.500 L-80	14.0	0	7005		1100		0	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 875	5734							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) YESO	6630	6830	5870 TO 6070	0 000	36	OPEN
B)			6360 TO 6560	0.000	36	OPEN
C)			6630 TO 6830	0 000	48	OPEN
D)						

Depth Interval	Amount and Type of Material
5870 TO 6070	ACIDIZED W/5,000 GALS ACID FRAC W/67,000 GALS GEL, 72,765# 16/30 SAND, 29,547# SIBERPROP SAND
6360 TO 6560	ACIDIZED W/5,000 GALS ACID FRAC W/63,000 GALS GEL, 72,482# 16/30 SAND, 19,219# SIBERPROP SAND
6630 TO 6830	ACIDIZED W/5,000 GALS ACID FRAC W/63,000 GALS GEL, 69,385# 16/30 SAND, 21,552# SIBERPROP SAND

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
04/19/2008	04/25/2008	24	→	102.0	125.0	196.0	37.5		
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→	102	125	196		POW	

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	
			→						

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

ELECTRONIC SUBMISSION #60086 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

ELECTRIC PUMPING UNIT
ACCEPTED FOR RECORD

MAY 19 2008

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 GRAYBURG SAN ANDRES YESO TUBB	2086 3051 3428 3824 5389 6901				

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

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 #60086 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by KURT SIMMONS on 05/05/2008 (08KMS0693SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature _____ (Electronic Submission)

Date 05/05/2008

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 ****