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Form 3160-4
(August 2007)

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

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NMLC029405B	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other		6. If Indian, Allottee or Tribe Name	
2. Name of Operator COG OPERATING LLC		7. Unit or CA Agreement Name and No.	
Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com		8. Lease Name and Well No. GC FEDERAL 34	
3. Address 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701		9. API Well No. 30-025-39420-00-S1	
3a. Phone No. (include area code) Ph: 432-685-4332		10. Field and Pool, or Exploratory MALJAMAR <i>Yes West</i>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 19 T17S R32E Mer NMP NWSW 1985FSL 585FWL <i>Unit L Lot 3</i>		11. Sec., T., R., M., or Block and Survey or Area Sec 19 T17S R32E Mer NMP	
At top prod interval reported below Sec 19 T17S R32E Mer NMP		12. County or Parish LEA	
At total depth NWSW 1700FSL 378FWL		13. State NM	
14. Date Spudded 05/04/2010	15. Date T.D. Reached 05/15/2010	16. Date Completed ☐ D & A ☒ Ready to Prod. 06/07/2010	
17. Elevations (DF, KB, RT, GL)* 3922 GL			

18. Total Depth: MD TVD 6900 6876	19. Plug Back T.D.: MD TVD 6840 6813	20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT		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
17 500	13.375 H40	48.0	0	678		600		0	0
11.000	8.625 J55	32.0	0	1953		600		0	0
7 875	5.500 J55	17.0	0	6900		1100		0	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	6408							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			5290 TO 5400	0.000	18	OPEN
B) PADDOCK	5290	5400	5900 TO 6100	0.000	26	OPEN
C) BLINEBRY	6170	6640	6170 TO 6370	0.000	26	OPEN
D)			662064 TO 6640	0.000	26	OPEN

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

Depth Interval	Amount and Type of Material
5290 TO 5400	ACIDIZE W/3,500 GALS 15% ACID.
5290 TO 5400	FRAC W/106,545 GALS GEL, 111,386# 16/30 OTTAWA SAND, 6,156# 16/30 SIBERPROP SAND.
5900 TO 6100	ACIDIZE W/3,500 GALS 15% ACID
5900 TO 6100	FRAC W/124,451 GALS GEL, 145,596# 16/30 OTTAWA SAND, 32,916# 16/30 SIBERPROP SAND.

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
06/07/2010	06/11/2010	24	→	52.0	30.0	704.0	37.3	0.60	
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
SI	70	70.0	→	52	30	704	577	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
06/07/2010	06/11/2010	24	→	52.0	30.0	704.0	37.3	0.60	
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
SI	70	70.0	→	52	30	704		POW	

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

ELECTRONIC SUBMISSION #89788 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

PETROLEUM ENGINEER

AUG 16 2010

ACCEPTED FOR RECORD

AUG 13 2010
/s/ Roger Hall

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE
ELECTRIC PUMPING UNIT

ACCEPTED FOR RECORD

AUG 13 2010
/s/ Roger Hall

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 SAN ANDRES GLORIETTA YESO TUBB	1948 2916 3659 5230 5281 6763		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE SAND	YATES QUEEN SAN ANDRES GLORIETTA YESO	1948 2916 3659 5230 5281

32. Additional remarks (include plugging procedure):

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

6170 - 6370 ACIDIZE W/3,500 GALS 15% ACID.

6170 - 6370 Frac w/ 124,542 gals gel, 151,366# 16/30 Ottawa sand, 32,766# 16/30 Siberprop sand.

6440 - 6640 ACIDIZE W/3,500 GALS 15% ACID.

6440 - 6640 FRAC W/124,093 gals gel, 147,759# 16/30 Ottawa sand, 31,117# 16/30 Siberprop

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 #89788 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by KURT SIMMONS on 07/20/2010 (10KMS0666SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 07/19/2010

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 ****