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Form 3160-4
(August 2007)

OCT 13 2009

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No 1004-0137
Expires July 31, 2010HOBBSOCD
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NMLC029405A	
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. BC FEDERAL 22	
3. Address 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701		9. API Well No. 30-025-38741-00-S1 ✓	
3a. Phone No (include area code) Ph. 432-685-4332		10. Field and Pool, or Exploratory MALJAMAR; Yeso; West	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 19 T17S R32E Mer NMP At surface NENE 990FNL 990FEL 32.82465 N Lat, 103 80048 W Lon At top prod interval reported below At total depth		11. Sec., T., R., M., or Block and Survey or Area Sec 19 T17S R32E Mer NMP	
14. Date Spudded 08/17/2009		15. Date T.D. Reached 08/26/2009	
16. Date Completed ☐ D & A ☒ Ready to Prod. 09/21/2009		17. Elevations (DF, KB, RT, GL)* 3964 GL	
18. Total Depth: MD 7040 TVD 7040		19. Plug Back T.D.: MD 6972 TVD 6972	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT	
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 Cement Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	656		550		0	
17.500	13.375 H40	48.0	0	656		550		0	0
12.250	8.625 J-55	32.0	0	2118		700		0	
11.000	8.625 J55	32.0	0	2118		700		0	0
7.875	5.500 L-80	17.0	0	7040		1100		0	
7.875	5.500 L80	17.0	0	7040		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	6576							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			5332 TO 5408	0.000	22	OPEN
B) PADDOCK	5332	5408	5336 TO 5490		36	Open
C) BLINEBRY	6410	6610	5870 TO 6070	0.000	26	OPEN
D)			5900 TO 6100		36	Open

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

Depth Interval	Amount and Type of Material
5332 TO 5408	FRAC W/103,560 GALS GEL, 107,009# 16/30 OTTAWA SAND, 9,507# 16/30 SIBERPROP.
5332 TO 5408	ACIDIZE W/3,000 GALS 15% ACID.
5336 TO 5490	gal acid Frac w/ 110,763 gal gel, 130,100# 16/30 Sand, 8516# Siberprop Sand
5870 TO 6070	FRAC W/ 123,997 GALS GEL, 149,813# 16/30 OTTAWA SAND, 29,556# 16/30 SIBERPROP

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
09/28/2009	10/23/2009	24	→	106.0	147.0	435.0	36.0	
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
	SI		→	106	147	435	1387	POW

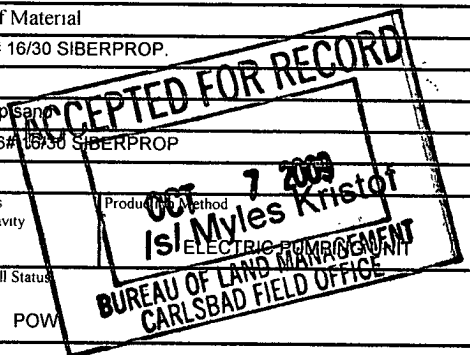
28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
09/28/2009	10/01/2009	24	→	208.0	323.0	570.0	38.6	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	70	70.0	→	208	323	570		POW	

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

ELECTRONIC SUBMISSION #75181 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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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	2000 3000 3750 5242 5350 6800		SAND & DOLOMITE		

32 Additional remarks (include plugging procedure):

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

6140-6340 ACIDIZE W/2,500 GALS 15% ACID.

6140-6340 Frac w/ 124,334 gals gel, 145,929# 16/30 Ottawa Sand, 30,737# 16/30 Siberprop.

6410-6610 ACIDIZE W/2,500 GALS 15% ACID.

6410-6610 FRAC W/125,476 gals gel, 148,974# 16/30 Ottawa sand, 34,108# 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 #75181 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by KURT SIMMONS on 10/06/2009 (10KMS0025SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 10/05/2009

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 ** REVISED **

Additional data for transaction #75181 that would not fit on the form

26. Perforation Record, continued

Perf Interval	Size	No. Holes	Perf Status
6140 TO 6340	0.000	26	OPEN
6170 TO 6317		48	Open
6410 TO 6610	0 000	29	OPEN
6470 TO 6670		48	Open

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

Depth Interval	Amount and Type of Material
5870 TO 6070	ACIDIZE W/2,500 GALS 15% ACID.
5900 TO 6100	gal acid. Frac w/ 127,361 gal gel, 145,669# 16/30 sand, 34043# Siberprop sand
6170 TO 6317	gal acid. Frac w/ 123,808 gal gel, 153,062# 16/30 sand, 32675# Siberprop sand
6470 TO 6670	gal acid. frac w/ 125,871 gal gel, 149,209# 16/30 sand# Siberprop sand