DEC – 2 2008

OCD-ARTESIA

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

5. Lease Serial No. NMNM0467931

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ 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. ELECTRA FEDERAL 33

3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II
MIDLAND, TX 79701

3a. Phone No. (include area code) Ph: 432-685-4332

9. API Well No. 30-015-36468-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 10 T17S R30E Mer NMP
At surface NENE 990FNL 990FEL 32.85343 N Lat, 103.95389 W Lon
At top prod interval reported below
At total depth

10. Field and Pool, or Exploratory LOCO HILLS

11. Sec., T., R., M., or Block and Survey or Area Sec 10 T17S R30E Mer NMP

12. County or Parish EDDY

13. State NM

14. Date Spudded 08/26/2008

15. Date T.D. Reached 09/06/2008

16. Date Completed ☐ D & A ☒ Ready to Prod. 10/10/2008

17. Elevations (DF, KB, RT, GL)* 3736 GL

18. Total Depth: MD 6011 TVD

19. Plug Back T.D.: MD 5963 TVD

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 Sks. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0		371		630		0	100
11.000	8.625 J55	32.0		1319		600		0	100
7.875	5.500 J55	17.0		6010		1000		0	82
17.500	13.375 H-40	48.0	0	370		630		0	
11.000	8.625 J-55	32.0	0	1319		600		0	
7.875	5.500 J-55	17.0	0	6010		1000		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	4881							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	GLORIETA YESO			4970 TO 5170	0.410	36	OPEN
B)	YESO	5510	5710	5240 TO 5440	0.410	36	OPEN
C)				5510 TO 5710	0.410	48	OPEN
D)							

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

Depth Interval	Amount and Type of Material
4970 TO 5170	ACIDIZE W/3,500 GALS ACID. FRAC W/118,624 GALS GEL, 142,424# 16/30 SAND, 32,771# EXPEDITE.
5240 TO 5440	ACIDIZE W/3,500 GALS ACID. FRAC W/119,725 GALS GEL, 150,664# 16/30 SAND, 28,871# EXPEDITE.
5510 TO 5710	ACIDIZE W/3,500 GALS ACID. FRAC W/119,389 GALS GEL, 149,775# 16/30 SAND, 26,935# EXPEDITE

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
10/24/2008	10/27/2008	24	→	96.0	90.0	356 0	38 4		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**	
			→	96	90	356	938	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
10/24/2008	10/27/2008	24	→	96.0	90.0	356.0	38 4		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**	
			→	96	90	356		POW	

ACCEPTED FOR RECORD
NOV 29 2008
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #64670 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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	1390				
QUEEN	2300				
SAN ANDRES	3020				
YESO	4550				

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 #64670 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 11/12/2008 (09KMS0300SE)

Name *(please print)* KANICIA CARRILLO Title PREPARER

Signature (Electronic Submission) Date 11/11/2008

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 fradulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****