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. NMNM7752

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: NETHA AARON
E-Mail: oaaron@conchoresources.com

8. Lease Name and Well No.: RANDALL FEDERAL 4

3. Address: 550 WEST TEXAS AVENUE SUITE 1300, MIDLAND, TX 79701
3a. Phone No. (include area code): Ph: 432-818-2319

9. API Well No.: 30-015-38355-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: Sec 7 T17S R30E Mer NMP SESE Lot P 1020FSL 990FEL
At top prod interval reported below
At total depth

10. Field and Pool, or Exploratory: LOCO HILLS; GL-Yeso

11. Sec , T., R., M., or Block and Survey or Area: Sec 7 T17S R30E Mer NMP

12. County or Parish: EDDY
13. State: NM

14. Date Spudded: 05/19/2011
15. Date T.D. Reached: 05/25/2011
16. Date Completed: ☐ D & A ☒ Ready to Prod. 06/17/2011
17. Elevations (DF, KB, RT, GL)*: 3662 GL

18. Total Depth: MD 5000 TVD 5000
19. Plug Back T.D.: MD 4942 TVD 4942
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
SPECTRALGAMMARA

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 H-40	48.0	0	393		650		0	
11.000	8.625 J-55	24.0	0	1302		500		0	
7.875	5.500 J-55	17.0	0	4689	2967	1500		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	4800							

25. Producing Intervals / 26 Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	PADDOCK	4330	4570	4330 TO 4570	1.000	26	OPEN, Paddock
B)	BLINEBRY	4730	4930	4730 TO 4930	1.000	26	OPEN, Lower Blinebry
C)							
D)							

ACCEPTED FOR RECORD

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

Depth Interval	Amount and Type of Material
4330 TO 4570	ACIDIZE W/ 3500 GALS 15% HCL
4330 TO 4570	FRAC W/124,621 GALS GEL, 143,606# 16/30 WHITE SAND, 27,592# 16/30 SIBERPROP
4730 TO 4930	ACIDIZE W/ 3000 GALS 15% HCL
4730 TO 4930	FRAC W/ 101,900 GALS GEL, 114,600# 16/30 BROWN SAND, 15,000 16/30 SIBERPROP

AUG 13 2011
J. Amos
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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
			→						

Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
			→					

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
			→					

RECEIVED
AUG 18 2011
NMOCD ARTESIA

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

ELECTRONIC SUBMISSION #114643 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.)*
UNKNOWN

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	1284		DOLOMITE & SAND	YATES	1284
QUEEN	2075		SAND	QUEEN	2075
SAN ANDRES	2782		DOLOMITE & ANHYDRITE	SAN ANDRES	2782
GLORIETA	4242		SAND & DOLOMITE	GLORIETA	4242
YESO	4304		DOLOMITE & ANHYDRITE	YESO	4304

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 #114643 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 08/10/2011 (11KMS2285SE)

Name *(please print)* NETHA AARON — Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) — Date 08/05/2011

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 ****