Form 3160-4
(August 2007)

FEB 18 2009

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

KM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM100844

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: ROBYN ODOM
E-Mail: rodom@conchoresources.com

8. Lease Name and Well No.: COMET 22 FEDERAL 4

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

3a. Phone No. (include area code): Ph. 432-685-4385

9. API Well No.: 30-015-35716-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: NENW 330FNL 1650FWL Sec 22 T16S R28E Mer NMP
At top prod interval reported below: Sec 22 T16S R28E Mer NMP
At total depth: NENE 330FNL 330FEL

10. Field and Pool, or Exploratory: CROW FLATS

11. Sec., T., R., M., or Block and Survey or Area: Sec 22 T16S R28E Mer NMP

12. County or Parish: EDDY

13. State: NM

14. Date Spudded: 10/19/2008

15. Date T.D. Reached: 11/22/2008

16. Date Completed: ☐ D & A ☒ Ready to Prod 11/20/2008

17. Elevations (DF, KB, RT, GL)*: 3688 GL

18. Total Depth: MD 9600 TVD 6572

19. Plug Back T.D.: MD 9450 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 J-55	54.5	0	537		920		0	
17.500	13.375 J55	54.5	0	537		920		0	0
12.250	9.625 K55	40.0	0	1818		920		0	0
12.250	9.625 K-55	40.0	0	1818		920		0	
8.750	7.000 P-110	26.0	0	6050		750		0	
8.750	7.000 P110	26.0	0	6050		750		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)

25. Producing Intervals / 26 Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) ABO	6951	8507	6951 TO 8768			FRAC PORT OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6734 TO 6951	bbls acid, Frac, w/3737 bbls gel, 102281# 16/30 sand
6951 TO 7221	FRAC W/3737 BBLS GEL, 102,281# 16/30 SAND
6951 TO 7221	ACIDIZE W/73 BBLS ACID
7047 TO 7221	bbls acid, Frac, w/3061 bbls gel, 105564# 16/30 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
12/22/2008	01/13/2009	24	→	976.0	2134.0	152.0	43.0	0.60	FLOWS FROM WELL

Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
OPEN	SI	70.0	→	976	2134	152		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
			→						

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

ACCEPTED FOR RECORD
FEB 16 2009
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #66572 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	595		DOLOMITE & SAND		
QUEEN	1093		SAND		
SAN ANDRES	1910		DOLOMITE & ANHYDRITE		
GLORIETA	3350		SAND & DOLOMITE		
ABO SHALE	5350		DOLOMITE & ANHYDRITE & SHALE		
WOLFCAMP	6633		SAND		

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

Tubing record continued...

Packer 7,358'
Packer 7,752'
Packer 8,109'
Packer 8,507'

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 #66572 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 01/23/2009 (09KMS0727SE)

Name *(please print)* ROBYN ODOM Title PERSON RESPONSIBLE

Signature (Electronic Submission) Date 01/22/2009

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

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

Additional data for transaction #66572 that would not fit on the form

23. Casing and Liner Record, continued

Hole Size	Size/Grade	Wt.(#/ft.)	Top(MD)	Btm(MD)	Stg Cmntr	Sx,Type Cmnt	Slurry Vol	Cement Top	Amt Pulle
6 125	4 500 P110	11 6	5828	9450					
6.125	4 500 HCP-110	11.6	5833	9450					

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

Depth Interval	Amount and Type of Material
7221 TO 7575	ACIDIZE W/73 BBLS ACID.
7221 TO 7575	FRAC W/3061 BBLS GEL, 105,564# 16/30 SAND.
7358 TO 7575	bbls acid, Frac, w/2838 bbls gel, 107409# 16/30 sand
7575 TO 8012	73 bbls acid
7575 TO 8012	2883 bbls gel, 107409 16/30 sand
7752 TO 8012	bbls acid, Frac, w/3040 bbls gel, 106858# 16/30 sand
8012 TO 8241	73 bbls acid
8012 TO 8241	3040 bbls gel, 106858 16/30 sand
8109 TO 8241	bbls acid, Frac, w/3066 bbls gel, 105697# 16/30 sand
8241 TO 8768	3066 bbls gel, 105697 16/30 sand
8241 TO 8768	73 bbls acid
8507 TO 8768	bbls acid, Frac, w/3069 bbls gel, 106121# 16/30 sand
8768 TO 8769	73 bbls acid
8768 TO 8769	3069 bbls gel, 106121 16/30 sand
8906 TO 9121	bbls acid, Frac, w/3011 bbls gel, 107012# 16/30 sand
9259 TO 9362	bbls acid, Frac, w/3109 bbls gel, 107792# 16/30 sand

32. Additional remarks, continued

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

7575' Acidize w/73 bbls acid.
7575' Frac W/2883 bbls gel, 107,409# 16/30 sand.

8012' Acidize w/73 bbls acid.
8012' Frac w/3040 bbls gel, 106,858# 16/30 sand.

8241' Acidize w/73 bbls acid.
8241' Frac w/3066 bbls gel, 105,697# 16/30 sand

8768' Acidize w/73 bbls acid.
8768' Frac w/3069 bbls gel, 106,121# 16/30 sand.

We are working with Santa Fe to increase our allowable for this well.