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Form 3160-4
(Apr 04) **APR 15 2008**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCL

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO 1004-0137
Expires March 31, 2007

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b Type of Completion ☐ New Well ☐ Work Over ☒ Deepen ☐ Plug Back ☐ Diff Resvr,
Other _____

2 Name of Operator **COG Operating LLC**

3 Address **550 W. Texas, Ste.1300
Midland, Texas 79701**

3a Phone No (include area code)
432-685-4395

4 Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface **990' FSL & 1650' FWL, Unit N**

At top prod interval reported below

At total depth

14 Date Spudded **09/24/2000**

15 Date T.D. Reached **02/08/2008**

16 Date Completed **03/01/2008**

17 Elevations (DF, RKB, RT, GL)* **4019 GR**

18. Total Depth **MD 6908'**
TVD **6908'**

19. Plug Back T.D. **MD 6851'**
TVD **6851'**

20. Depth Bridge Plug Set. **MD**
TVD

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

CFL/HNGS - CN/HNGS/

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

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 1/2	13 3/8	48#		773		650 sxs			None
12 1/4	9 5/8	36#		2208		600 sxs			None
8 3/4	7	23#		6004		950 sxs			None
6 1/8	4 1/2	11.6#		6905		140 sxs C		5620	None

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 3/8	6692							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Yeso	5438	6796	5441' - 5467'		13	open
B) Yeso			5900' - 6100'		36	open
C) Yeso			6320' - 6520'		36	open
D) Yeso			6596' - 6796'		48	open

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

Depth Interval	Amount and Type of Material
5900'-6100'	Spearhead 2500 gal 15%. Frac w/71,778 gal 25# X-link; 80,200@ white snd; 16,100# SiberProp.
6320'-6520'	Spearhead 2500 gal 15%. Frac w/68,122 gal 25# X-link; 74,495# white snd; 16,603# SiberProp.
6596'-6796'	Spearhead 2500 gal 15%. Frac w/68,844 gal 25# X-link; 74,500# white snd; 14,942# 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	Production Method
03/01/2008	03/04/2008	24	→	169	194	337	38.7		Pump
Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→	169	194	337	1,148		Producing

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	
			→						

*(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

APR 13 2008

J. Amos

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

KZ

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
Queen San Andres Glorieta Yeso	3080 3866 5354 5438	6796			

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32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
 ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Carol Ann LanceTitle Regulatory Analyst

Signature

Carol Ann Lance

Date

03/13/2008

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