Form 3160-4
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. **NM-0889**

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**

8. Lease Name and Well No. **M. D. Self #7**

3. Address **550 W. Texas, Suite 1300, Midland, TX 79701**

3a. Phone No. *(include area code)* **432-685-4340**

9. AFI Well No. **30-025-37352**

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

At surface **330' FNL & 1650' FWL, Unit C**

At top prod. interval reported below

At total depth

10. Field and Pool, or Exploratory **Wildcat; Glorieta**

11. Sec., T., R., M., on Block and Survey or Area **Sec 6, T26S, R38E**

12. County or Parish **Lea** 13. State **NM**

14. Date Spudded **09/11/2005**

15. Date T.D. Reached **10/03/2005**

16. Date Completed ☐ D & A ☑ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)* **3032' GL**

18. Total Depth: MD **5,635'** TVD

19. Plug Back T.D.: MD **5576** TVD

20. Depth Bridge Plug Set: MD **5200'** TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Micro CFL / GR, CN / GR

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
12-1/4	8-5/8	48		975		435 sx Cl C		0	Circ 26 sx to pit
7-7/8	5-1/2	17		5635		800 sx Cl C		0	Circulated

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8	4935'	None						

25. Producing Intervals

Formation	Top	Bottom
A) **Blinebry**		
B) **Glorieta**		
C)		
D)		

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
5236' - 5309'	**1 SPF**	**20**	**SI - CIBP @ 5200'**
5014' - 5030'	**2 SPF**	**33**	**OPEN**

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

Depth Interval	Amount and Type of Material
5014' - 5030'	**Az w/ 800 gal 7-1/2% 90/10 acid & 45 ball sealers**
5014' - 5030'	**Frac w/ 405 BBLS BF25 fluid carrying 33,000# 20/40/Ottawa 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
05/01/2006	**05/08/2006**	**24**		**22**	**36**	**156**	**36.4**		**PUMPING**
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
							1636		

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
JUL 20 2006
LES BABYAK
PETROLEUM ENGINEER