

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO 1004-0137  
Expires March 31, 20075 Lease Serial No.  
NMNM-64594

6. If Indian, Allottee or Tribe Name

7 Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
Dogwood Federal #19. AFI Well No.  
30-015-3292710 Field and Pool, or Exploratory  
Wildcat; Yes11. Sec., T., R., M., on Block and  
Survey or Area Sec.25, T17S, R32E,  
Unit F

12 County or Parish Eddy 13 State NM

17. Elevations (DF, RKB, RT, GL)\*  
3573' GR1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Otherb Type of Completion: ☐ New Well ☐ Work Over ☒ Deepen ☐ Plug Back ☐ Drift. Resvr.,  
Other

2. Name of Operator COG Operating LLC

3 Address 550 W. Texas, Ste.1300  
Midland, Texas 797013a. Phone No (include area code)  
432-685-4395

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

At surface 2310' FNL &amp; 1650' FWL

At top prod. interval reported below

At total depth

APR 10 2008  
OCD-ARTESIA14 Date Spudded  
10/27/200315 Date T D Reached  
11/16/200316 Date Completed 02/20/2008  
☐ D & A ☒ Ready to Prod.18. Total Depth MD 7331'  
TVD19. Plug Back T.D.: MD 6765'  
TVD20. Depth Bridge Plug Set: MD 6800'  
TVD

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

CBL

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
12.250	8.625	32.0	0	410'		260			
7.875	5.500	17.0	0	7326		2225			

## 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	3756'							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Yeso	3150	4500	3760'-3960'		96	Open
B)			4030'-4230'		72	Open
C)			4300'-4500'		72	Open
D)			6885'-6905'		20	Plugged

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
3760'-3960'	Acidize w/3000 gal 15% HCL. Frac w/63,226 gal lightning 25; 78,918# 16/30 Ottawa sand; 28,682# 16/30 SiberPro
4030'-4230'	Acidize w/3000 gal 15% HCL. Frac w/66,259 gal lightning 25; 74,789# 16/30 Ottawa sand; 16,908# 16/30 SiberPro
4300'-4500'	Acidize w/3000 gal 15% HCL. Frac w/59,800 gal lightning 25; 78,015# 16/30 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
02/21/2008	03/04/2008	24	→	83	98	512	41.2		Pumping
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→	83	98	512	1,180	Producing Oil Well	

## 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)

## 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
Yeso	3150'			Seven Rivers Queen Grayburg San Andres Glorieta Tubb Abo Wolfcamp	454 977 1410 1761 3110 4624 5196 6274

## 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

04/03/2008

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.