

OCT 03 2008

OGD-ARTESIA

FORM APPROVED  
OMB NO 1004-0137  
Expires March 31 2007

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well  Oil Well  Gas Well  Dry  Other  
 b Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff Restry  
 Other **Recompletion & Commingle DHC-4033**

2 Name of Operator **COG Operating LLC**

3 Address **550 W. Texas, Ste.1300  
Midland, Texas 79701** 3a Phone No (include area code)  
**432-685-4332**

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

At surface **2310 FNL & 330 FWL, Unit E**

At top prod interval reported below

At total depth

14 Date Spudded **09/25/2006** 15 Date T D Reached **10/10/2006** 16 Date Completed **07/17/2008**  
 D & A  Ready to Prod

5 Lease Serial No  
**NMLC-029338B**

6 If Indian, Allottee or Tribe Name

7 Unit or C/A Agreement Name and No

8 Lease Name and Well No  
**Harvard Federal #6**

9 AFI Well No  
**30-015-35124**

10 Field and Pool or Exploratory **LoCo Hills; Glorieta-Yeso 96718**

11 Sec, T, R, M, on Block and Survey or Area **Sec.12, T17S, R30E**

12 County or Parish **Eddy** 13 State  
**NM**

17 Elevations (DF, RKB, RT, GL)\*  
**3744' GL**

18. Total Depth MD **6250** 19 Plug Back T D MD **5725** 20 Depth Bridge Plug Set MD  
 TVD TVD TVD

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

**Spectral Gamma Ray**

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 Sk & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8	48		439		980 sxs		Surface	
12 1/4	8 5/8	24		1571		800 sxs		Surface	
7 7/8	5 1/2	17		6150		1430 sxs		Surface	

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	5681							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) San Andres (New)	3190	3660	3190 - 3660	.041	72	Open
B) San Andres (New)	3730	3930	3730 - 3930	.041	36	Open
C) San Andres (New)	4000	4490	4000 - 4490	.041	72	Open
D) Yeso (Existing)	5044.5	5912	5044.5 - 5912	.041	152	Open

26 Perforation Record

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
3190 - 3390	Acidize w/2500 gal 15% acid. Frac w/56,000 gal gel; 72,609# 16/30 white sand; 35,000# 16/30 CRC sand.
3460 - 3660	Acidize w/2500 gal 15% acid. Frac w/59,000 gal gel; 74,344# 16/30 white sand; 21,000# 16/30 CRC sand.
3730 - 3930	Acidize w/2500 gal 15% acid. Frac w/59,000 gal gel; 74,188# 16/30 white sand; 21,000# 16/30 CRC sand.
4000 - 4200, 4290 - 4490	Acidize w/5000 gal 15% acid. Frac w/119,000 gal gel; 153,383# 16/30 white sand; 42,000# 16/30 CRC 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
			→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					Shut In	

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	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	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

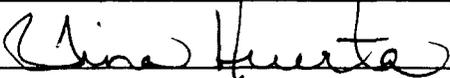
Formation	Top	Bottom	Description, Contents, etc	Name	Top
					Meas. Depth
				Lamar	1530'
				Bell Canyon	1598'
				Cherry Canyon	2714'
				Brushy Canyon	3640'
				Bone Spring	4976'
				Wolfcamp	8009'
				Strawn	10,090'
				Atoka	10,570'
				Morrow	10,810'

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 Deviation Survey

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) Tina Huerta Title Regulatory Compliance Supervisor  
 Signature  Date September 23, 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