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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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. Resrv.  
Other \_\_\_\_\_

2. Name of Operator **COG Operating LLC**

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

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

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

At surface **2630' FSL & 1980' FEL, Unit J**

At top prod. interval reported below

At total depth

14. Date Spudded  
**09/25/2006**

15. Date T.D. Reached  
**10/03/2006**

16. Date Completed **10/18/2006**  
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
**3545' GL**

18. Total Depth: MD **3610'**  
TVD

19. Plug Back T.D.: MD **3592'**  
TVD

20. Depth Bridge Plug Set: MD **None**  
TVD

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

**CN / HNGS, Micro CFL / 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		242	680	4475x Cl C		Surface	
12-1/4	8-5/8	24		886	600	5205x Cl C		Surface	
7-7/8	5-1/2	17		3605	1150	12005x Cl C		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)
2-3/8	3409	None						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <b>San Andres</b>			2677.5' - 2877.5'	2 SPF	56	Open
B) <b>San Andres</b>			3028' - 3394'	2 SPF	62	Open
C)						
D)						

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

Depth Interval	Amount and Type of Material
2677.5' - 2877.5'	Acidize w/ 2000 gals acid Frac w/ 40,000 gals 30# gel, 15,440# LiteProp, 45,000# 40# gel, & 91,149 16/30 sand.
3028' - 3394'	Acidize w/ 2000 gals acid Frac w/ 32,500 gals 30# gel, 68,300 gals 40# gel, 8012# LiteProp, 91,980# 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
10/26/2006	11/07/2006	24	→	33	72	282	36.2		Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					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

DEC 12 2006

WESLEY W. INGRAM  
PETROLEUM ENGINEER

## 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
Grayburg	2160				
San Andres	2473				
Glorieta	3971				
Yeso	4045				

## 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) **Phyllis A. Edwards**Title **Regulatory Analyst**

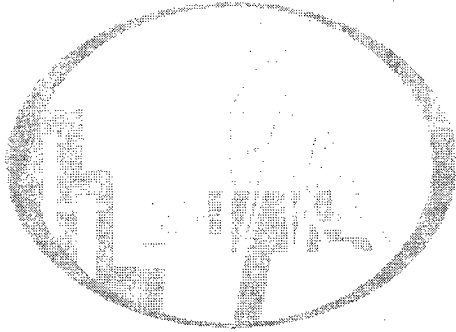
Signature

*Phyllis A. Edwards*

Date

**11/05/2006**

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.



# Silver Oak Drilling, LLC

PO Box 1370  
Artesia, NM 88211-1370  
505/748-1288

October 9, 2006

COG, LLC  
Fasken Center, Tower II  
550 West Texas Ave, Suite 1300  
Midland, TX 79701

RE: RJ Unit #138  
2630' FSL & 1980' FEL  
Sec. 27, T17S, R29E  
Eddy County, New Mexico

Dear Sir,

The following is the Deviation Survey for the above captioned well.

<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
309'	1/4°	2354'	1/2°
616'	1/4°	2794'	1/4°
958'	1/2°	3263'	3/4°
1393'	1/2°	3514'	3/4°
1890'	3/4°		

Very truly yours,

Eddie C. LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 9<sup>th</sup> day of October, 2006.

  
Notary Public