

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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 ☐ Otherb 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, 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 **330' FNL & 2310' FEL, Unit B**

At top prod interval reported below

At total depth

14 Date Spudded
03/27/200715 Date T D Reached
04/09/200716 Date Completed **05/02/2007**
☐ D & A ☒ Ready to Prod.17 Elevations (DF, RKB, RT, GL)*
3677' GL18. Total Depth MD **6030'**
TVD19 Plug Back T D MD **6013'**
TVD20. Depth Bridge Plug Set: MD
TVD

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

CN / HNGS, Micro CFL / HNGS22. 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 Cement Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17-1/2	13-3/8	48		427		475 sx Cl C		Surface	
12-1/4	8-5/8	24		1333		800 sx Cl C		Surface	
7-7/8	5-1/2	17		6023		1560 sx 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)
2-7/8	5730							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Yeso			4861' - 5172'	2 SPF	74	Open
B) Yeso			5278' - 5381'	2 SPF	46	Open
C) Yeso			5520' - 5702'	2 SPF	46	Open
D)						

26. Perforation Record

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
4861' - 5172'	Az w/2500 gals acid. Frac w/ 93,274 gals gel, 8032# LiteProp & 91,360# 16/30 sand.
5278' - 5381'	Az w/1475 gals acid. Frac w/ 8,006 gals gel, 8000# LiteProp & 81,980# 16/30 sand.
5520' - 5702'	Az w/1375 gals acid. Frac w/ 82,467 gals gel, 8000# LiteProp & 80,095# 16/30 sand.

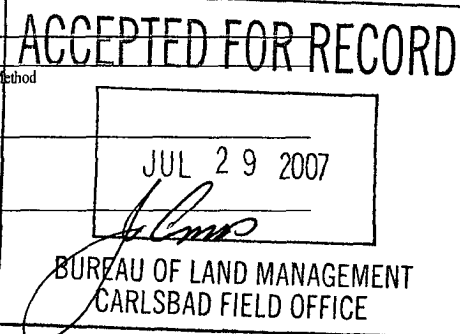
28 Production - Interval A

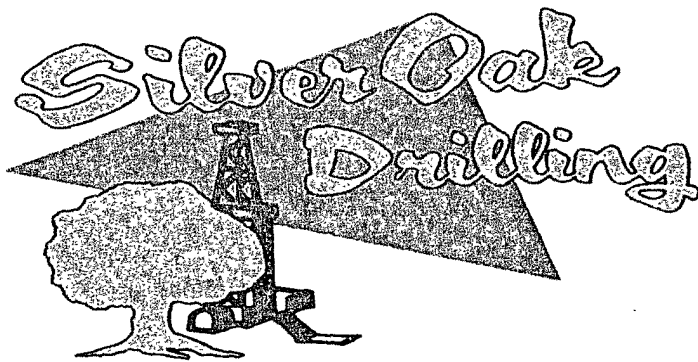
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
05/07/2007	05/09/2007	24	→	160	560	360	41.0		Pumping
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					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)





PO Box 1370
Artesia, NM 88211-1370
(505) 748-1288

April 11, 2007

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

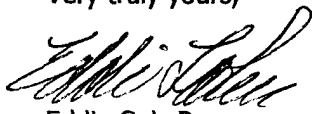
RE: Caddo Federal #2
990' FNL & 990' FEL
Sec. 17, T17S, R30E
Eddy County, New Mexico

Dear Sir,

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

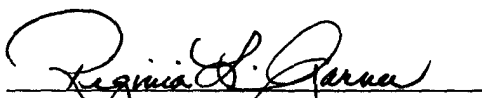
<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
247'	1/2°	2759'	1 1/4°
390'	3/4°	2949'	1°
613'	3/4°	3498'	1 1/4°
915'	1 1/4°	3775'	1°
1231'	2°	4283'	1°
1327'	1 3/4°	4736'	1°
1640'	1 1/2°	5196'	1 1/2°
1965'	1 1/2°	5586'	1 1/2°
2251'	3/4°	6030'	1/2°

Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 11th day of April, 2007.


Notary Public

