

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

*OCB Artesia*

**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. Resvr  
Other \_\_\_\_\_

2 Name of Operator: **COG OPERATING LLC** Contact: **CHASITY JACKSON**  
E-Mail: **cjackson@concho.com**

3 Address: **550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701** 3a Phone No. (include area code) Ph: **432-686-3087**

4 Location of Well (Report location clearly and in accordance with Federal requirements)  
At surface **Lot A 210FNL 560FEL**  
At top prod interval reported below **Lot A 210FNL 560FEL**  
At total depth **Lot A 377FNL 381FEL**

5 Lease Serial No. **NMLC049998A**

6. If Indian, Allottee or Tribe Name \_\_\_\_\_

7. Unit or CA Agreement Name and No. \_\_\_\_\_

8. Lease Name and Well No. **FOSTER EDDY 24**

9. API Well No. **30-015-39124**

10. Field and Pool, or Exploratory **GEDAR LAKE, GLORIETA YESO**

11. Sec., T, R., M, or Block and Survey or Area **Sec 17 T17S R31E Mer**

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

14. Date Spudded **08/16/2011** 15. Date T D Reached **08/24/2011** 16. Date Completed **09/22/2011**  
 D & A  Ready to Prod

17 Elevations (DF, KB, RT, GL)\* **3779 GL**

18 Total Depth MD **6354** TVD **6354** 19 Plug Back T D MD **6308** TVD **6308** 20 Depth Bridge Plug Set MD **6308** TVD **6308**

21 Type Electric & Other Mechanical Logs Run (Submit copy of each) **COMPENSATED NEUTRON/HNGS/CCL**

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit analysis)  
Directional Survey?  No  Yes (Submit analysis)

**RECEIVED**  
*Mr. Loco*  
**OCT 31 2011**  
**NMOCB ARTESIA**

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
17.500	13.375 H40	48.0		454		1050			
11.000	8.625 J55	32.0		1802		600			
7.875	5.500 J55	17.0		6344		1000			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	5776							

25 Producing Intervals 26 Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) PADDOCK	4780	4980	4780 TO 4980	0.410	26	OPEN
B) BLINEBRY	5280	6070	5280 TO 5480	0.410	26	OPEN
C)			5550 TO 5750	0.410	26	OPEN
D)			5820 TO 6070	0.410	26	OPEN

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
4780 TO 4980	ACIDIZE W/2,500 GALS 15% ACID
4780 TO 4980	FRAC W/108,973 GALS GEL, 112,962# 16/30 WHITE SAND, 10,197# 16/30 SIBERPROP.
5280 TO 5480	ACIDIZE W/3,500 GALS 15% ACID.
5280 TO 5480	FRAC W/124,493 GALS GEL, 146,043# 16/30 WHITE SAND, 28,818# 16/30 SIBERPROP

**RECLAMATION DUE 3-22-12**

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
09/26/2011	09/29/2011	24	→	121.0	160.0	621.0	38.9	1322.00	ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
		70.0	→					POW	

**ACCEPTED FOR RECORD**  
**OCT 27 2011**  
*J. Brown*  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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 reverse side)  
ELECTRONIC SUBMISSION #120608 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

**Accepted for record**  
**NMOCB**  
*TOS*

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
RUSTLER	368		ANHYDRITE	ANHYDRITE		368
SALT	578		SALT	SALT		578
YATES	1612		DOLOMITE & SAND	DOLOMITE & SAND		1612
QUEEN	2539		SAND	SAND		2539
SAN ANDRES	3262		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE		3262
GLORIETA	4770		SAND & DOLOMITE	SAND & DOLOMITE		4770
YESO	4873		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE		4873

32. Additional remarks (include plugging procedure):

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. CONTINUED  
 5550-5750 ACIDIZE W/3,500 GALS 15% ACID  
 5550-5750 FRAC W/125,557 GALS GEL, 151,001# 16/30 WHITE SAND, 27,586# 16/30 SIBERPROP  
  
 5820-6070 ACIDIZE W/3,500 GALS 15% ACID.  
 5820-6070 FRAC W/126,801 GALS GEL, 144,655# 16/30 WHITE SAND, 32,152 16/30 SIBERPROP

33 Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other      |                       |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)

Electronic Submission #120608 Verified by the BLM Well Information System.  
 For COG OPERATING LLC, sent to the Carlsbad

Name (please print) CHASITY JACKSON Title PREPARER

Signature (Electronic Submission) Date 10/18/2011

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

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***