

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No  
NMLC049998A

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
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 B 940FNL 2050FEL At top prod interval reported below Lot B 940FNL 2050FEL At total depth Lot B 986FNL 2301FWL			8. Lease Name and Well No FOSTER EDDY 21		
14. Date Spudded 09/05/2011			15. Date T.D. Reached 09/15/2011		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/07/2011			9. API Well No 30-015-39121		
18. Total Depth MD 6330 TVD 6330			19. Plug Back T.D.: MD 6277 TVD 6277		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory MAR LOCO; GLORIETA YESO		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON/RCBL/GR/CCL			11. Sec., T., R., M., or Block and Survey or Area Sec 17 T17S R31E Mer		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)			12. County or Parish EDDY		
			13. State NM		
			17. Elevations (DF, KB, RT, GL)* 3736 GL		

## 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
17.500	13.375 H40	48.0		426		1025			
11.000	8.625 J55	32.0		1811		550			
7.875	5.500 J55	17.0		6327		1500			

## 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	5857							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4820	5020	4820 TO 5020	0.410	26	OPEN
B) BLINEBRY	5245	6090	5245 TO 5550	0.410	28	OPEN
C)			5620 TO 5820	0.410	26	OPEN
D)			5890 TO 6090	0.410	26	OPEN

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

Depth Interval	Amount and Type of Material
4820 TO 5020	ACIDIZE W/3,000 GALS 15% ACID
4820 TO 5020	FRAC W/101,000 GALS GEL, 111,397# 16/30 WHITE SAND, 27,109# 16/30 CRC
5245 TO 5550	ACIDIZE W/2,500 GALS 15% ACID
5245 TO 5550	FRAC W/114,000 GALS GEL, 144,348# 16/30 WHITE SAND, 31,402# 16/30 CRC.

Accepted for record  
NMOCD

## 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
10/10/2011	10/12/2011	24	→	24.0	24.0	723.0	38.9		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	→				1000	POW	

## 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 #123869 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

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	315		ANHYDRITE	ANHYDRITE	315
SALT	532		SALT	SALT	532
YATES	1544		DOLOMITE & SAND	DOLOMITE & SAND	1544
QUEEN	2468		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	2468
SAN ANDRES	3170		SAND	SAND	3170
GLORIETA	4678		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	4678
YESO	4794		SAND & DOLOMITE	SAND & DOLOMITE	4794
TUBB	6197		SAND	SAND	6197

32. Additional remarks (include plugging procedure):  
 44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. CONTINUED...  
 5620-5820 ACIDIZE W/2,500 GALS 15% ACID.  
 5620-5820 FRAC W/114,000 GALS GEL, 143,607# 16/30 WHITE SAND, 30,359# 16/30 CRC.  
 5890-6090 ACIDIZE W/2,500 GALS 15% ACID.  
 5890-6090 FRAC W/115,000 GALS GEL, 148,262# 16/30 WHITE SAND, 31,127# 16/30 CRC.

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 #123869 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 11/22/2011

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 \*\***