

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  
NMLC028793A

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 NMMN88525X	
2 Name of Operator COG OPERATING LLC		8. Lease Name and Well No. BURCH KEELY UNIT 583	
3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701		9 API Well No 30-015-39540-00-X1	
Contact BRIAN MAIORINO E-Mail: bmaiorino@concho.com		10. Field and Pool, or Exploratory BURCH KEELY-GLORIETA-UPPER YES UNKNOWN	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESE 990FSL 990FEL At top prod interval reported below SESE 990FSL 990FEL At total depth SESE 990FSL 990FEL		11. Sec., T., R., M., or Block and Survey or Area Sec 18 T17S R30E Mer NMP	
14. Date Spudded 05/09/2012		15. Date T.D. Reached 05/16/2012	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/11/2012		17. Elevations (DF, KB, RT, GL)* 3644 GL	
18 Total Depth. MD TVD 4693		19 Plug Back T.D.: MD TVD 4635	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) TDLCDN HRLA	
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 checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)			

## 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 H-40	48.0	0	310		1075		0	
11.000	8.625 J-55	24.0	0	1096		500		0	
7.875	5 500 L-80	17.0	0	4683		900		0	

## 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	4561							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SR-QN-GB-SA			4250 TO 4500	0.410	26	OPEN, Paddock
B) PADDOCK	4250	4500				
C)						
D)						

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

Depth Interval	Amount and Type of Material
4250 TO 4500	ACIDIZE W/2000 15% ACID
4250 TO 4500	FRAC W/111,591 GALS 15# XLA GEL CARRYING 103,441# 16/30 BROWN+ 14,736# 16/30 SP

## 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
06/25/2012	06/28/2012	24	→	38.0	88.0	71.0	37.9		
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	SI		→	38	88	71	2316	DRG	

## 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
06/25/2012	06/28/2012	24	→	38.0	88.0	71.0	37.9		
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	SI	70.0	→	38	88	71	2316	DRG	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #145257 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

RECLAMATION  
DUE 12/11/12

ACCEPTED FOR RECORD

AUG 19 2012

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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## 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	282	927		RUSTLER	282
SALADO	500			TOP SALT	500
YATES	1100			YATES	1100
QUEEN	2008			QUEEN	2008
SAN ANDRES	2732			SAN ANDRES	2732
GLORIETA	4148			GLORIETA	4148
YESO	4243			YESO	4243

32. Additional remarks (include plugging procedure).  
Logs sent in the mail.

## 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 #145257 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 08/10/2012 (12KMS2757SE)

Name (please print) BRIAN MAIORINO

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 08/08/2012

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.

\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\*