

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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 Sec 24 T16S R29E Mer NMP NWSW 1980FSL 330FWL At top prod interval reported below Sec 24 T16S R29E Mer NMP At total depth NESW 1987FSL 350FEL		8. Lease Name and Well No. HIGH LONESOME 24 FED 2	
14. Date Spudded 12/26/2011		15. Date T.D. Reached 01/30/2012	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/01/2012		9. API Well No. 30-015-39228-00-S1	
18. Total Depth: MD 11746 TVD 7389		19. Plug Back T.D.: MD 11746 TVD 11746	
20. Depth Bridge Plug Set. MD TVD		10. Field and Pool, or Exploratory COUNTY LINE TANK	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT HGNS MCFL HGNS		11. Sec., T., R., M., or Block and Survey or Area Sec 24 T16S R29E Mer NMP	
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	
23. Casing and Liner Record (Report all strings set in well)		13. State NM	
24. Tubing Record		17. Elevations (DF, KB, RT, GL)* 3712 GL	

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	406		400		0	
12.250	9.625 J-55	40.0	0	2649		1200		0	
8.750	7.000 P-110	26.0	0	6703		1200		0	
6.125	4.500 P-110	11.6	6587	11646					

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	6567							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) ABO	7607	11646	7607 TO 11646			OPEN PORTS
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
7607 TO 11646	ACIDIZE W/34,100 GALS 15% ACID.
7607 TO 11646	FRAC W/1,415,437 GALS GEL, 156,591 GALS WATER FRAC, 1,278,230# 30/50 OTTAWA SAND, 186,858# PRC
	Accepted for record 05/24/12
	RECLAMATION DUE 9-1-12

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
03/03/2012	03/06/2012	24	→	116 0	93 0	659.0	38 7	0 60	ELECTRIC PUMP SUB-SURFACE
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	→	116	93	659	802	POW	

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	
	SI		→						

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

ELECTRONIC SUBMISSION #135760 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT  
GRISRAD FIELD OFFICE  
APR 22 2012

## 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	246		ANHYDRITE	RUSTLER	246
SALADO	424		SALT	SALADO	424
YATES	1111		SANDSTONE	YATES	1111
SAN ANDRES	2667		DOLOMITE & LIMESTONE	SAN ANDRES	2667
GLORIETA	4073		SANDSTONE	GLORIETA	4073
BLINEBRY	4487		DOLOMITE & ANHYDRITE	BLINEBRY	4487
ABO	7381		SANDSTONE & DOLOMITE	ABO	7381
WOLFCAMP	7463		SANDSTONE	WOLFCAMP	7463

32. Additional remarks (include plugging procedure):  
Logs will be mailed.

## 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 #135760 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 04/19/2012 (12KMS1669SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 04/18/2012

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 \*\*