

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		5. Lease Serial No NMNM83591	
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 _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator COG OPERATING LLC		7. Unit or CA Agreement Name and No	
Contact CHASITY JACKSON E-Mail: cjackson@concho.com		8. Lease Name and Well No. GISSLER FEDERAL 13	
3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701		9. API Well No. 30-015-38121-00-S1	
3a. Phone No (include area code) Ph: 432-686-3087		10. Field and Pool, or Exploratory MAR LOCO HILLS; GLOE-YESO	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 5 T17S R30E Mer NMP At surface NWSW Lot L 1650FSL 330FWL At top prod interval reported below At total depth		11. Sec., T., R., M., or Block and Survey or Area Sec 5 T17S R30E Mer NMP	
14. Date Spudded 09/13/2011		15. Date T.D Reached 10/05/2011	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/14/2011		17. Elevations (DF, KB, RT, GL)* 3689 GL	
18. Total Depth: MD 9540 TVD 5190		19. Plug Back T.D. MD 9540 TVD 9540	
20. Depth Bridge Plug Set MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT HNGS MCFL HNGS	
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)			

## 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 H-40	48.0	0	411		500		0	
12.250	9.625 J-55	40.0	0	1422		500		0	
8.750	7.000 L-80	26.0	0	4520		750			
6.125	4.500 P-110	11.6	4324	9500					

## 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	4289							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5340	9453	5340 TO 9453			OPEN STRATAPORTS
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5340 TO 9453	ACIDIZE W/59,392 GALS 15% ACID.
5340 TO 9453	FRAC W/2,247,172 GALS GEL, 253,769# WATERFRAC GEL, 1,808,714# 20/40 WHITE SAND, 415,271# 20/40 CRC.

## 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
12/15/2011	01/12/2012	24	→	69.0	48.0	571.0	38.4	0.60	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	
N/A	SI	70.0	→	69	48	571	696	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	
	SI		→						

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

ELECTRONIC SUBMISSION #128683 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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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	381		ANHYDRITE	YATES	1252
YATES	1252		DOLOMITE & SAND	SAN ANDRES	4262
QUEEN	2112		DOLOMITE & SAND	GLORIETA	4336
SAN ANDRES	2850		DOLOMITE & LIMESTONE		
GLORIETA	4262		DOLOMITE & ANHYDRITE		
YESO	4336		SAND & DOLOMITE		

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 #128683 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 01/19/2012 (12KMS0808SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 01/19/2012

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 \*\***