

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTOCD Artesia  
INMOCD ARTESIAFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMLC028775B1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
89101239802. Name of Operator  
COG OPERATING LLCContact: CHASITY JACKSON  
E-Mail: cjackson@concho.com8. Lease Name and Well No.  
RJ UNIT 1413. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE  
MIDLAND, TX 797013a. Phone No. (include area code)  
Ph: 432-686-30879. API Well No.  
30-015-37140-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface SESW 1090FSL 1573FWL

At top prod interval reported below SESW 1090FSL 1573FWL

At total depth SESW 1090FSL 1573FWL

10. Field and Pool, or Exploratory  
GRAYBURG JACKSON SR-Q-GRBG-SA11. Sec., T., R., M., or Block and Survey  
or Area Sec 27 T17S R29E Mer NMP12. County or Parish  
EDDY13. State  
NM14. Date Spudded  
05/04/201315. Date T.D. Reached  
05/09/201316. Date Completed  
☐ D & A ☒ Ready to Prod.  
05/29/201317. Elevations (DF, KB, RT, GL)\*  
3524 GL18. Total Depth: MD 3593  
TVD 359319. Plug Back T.D.: MD 3535  
TVD 353520. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
COMPENSATED NEUTRAL SPECTRAL GAM22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☒ No ☐ 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 H40	48.0	0	271		981		0	
11.000	8.625 J55	24.0	0	842		500		0	
7.875	5.500 J55	17.0	0	3583		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	2884							

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	2766	2956	2766 TO 2956	0.250	52	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
2766 TO 2956	ACIDIZE W/2,500 GALS 15% ACID.
2766 TO 2956	FRAC W/93,287 GALS GEL, 117,903# 16/30 BROWN SAND, 27,321# 16/30 SIBERPROP.

## 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
06/05/2013	06/07/2013	24	→	60.0	54.0	71.0	35.4	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
		70.0	→	60	54	71	900	POW	

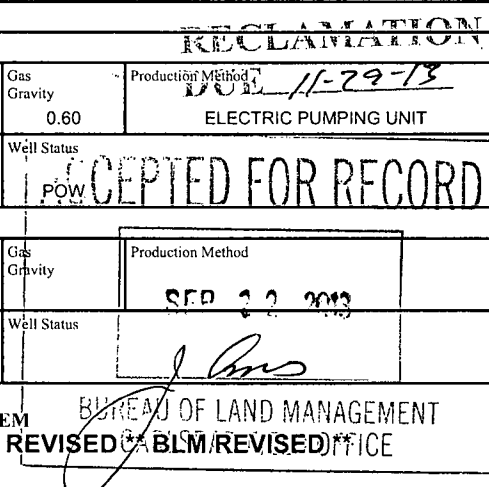
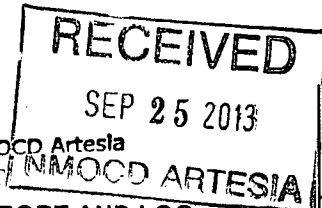
## 28a. Production - Interval B

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. SI	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 #219560 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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OFFICE

## 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
SALADO		710	SALT	TOP SALT	710
TANSILL	747		LIMESTONE & DOLOMITE	TANSILL	747
YATES	846		SANDSTONE	YATES	846
QUEEN	1814		SANDSTONE & DOLOMITE	QUEEN	1814
GRAYBURG	2254		SANDSTONE & DOLOMITE	GRAYBURG	2254
SAN ANDRES	2576		DOLOMITE & LIMESTONE	SAN ANDRES	2576

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 #219560 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 09/18/2013 (13KMS7260SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 09/10/2013

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 \*\***