

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  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff Resvr.  
 Other \_\_\_\_\_

2. Name of Operator **COG OPERATING LLC** Contact: **CHASITY JACKSON**  
 E-Mail: **cjackson@concho.com**

3. Address **550 WEST TEXAS AVENUE SUITE 100** 3a. Phone No. (include area code)  
**MIDLAND, TX 79701** Ph: **432-686-3087**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface **NENE 287FNL 937FEL**  
 At top prod interval reported below **NENE 287FNL 937FEL**  
 At total depth **NENE 287FNL 937FEL**

5. Lease Serial No. **NMLC028784C**

6. If Indian, Allottee or Tribe Name \_\_\_\_\_

7. Unit or CA Agreement Name and No. **NMNM88525X**

8. Lease Name and Well No. **BURCH KEELY UNIT 517**

9. API Well No. **30-015-39441-00-S1**

10. Field and Pool, or Exploratory **GRAYBURG JACKSON**

11. Sec., T., R., M., or Block and Survey or Area **Sec 13 T17S R29E Mer NMP**

12. County or Parish **EDDY** 13. State **NM**

14. Date Spudded **01/04/2012** 15. Date T.D. Reached **01/10/2012** 16. Date Completed  D & A  Ready to Prod.  
**01/26/2012**

17. Elevations (DF, KB, RT, GL)\* **3645 GL**

18. Total Depth: MD **4651** TVD **4651** 19. Plug Back T.D.: MD **4600** TVD **4600** 20. Depth Bridge Plug Set: MD **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **COMPENSATEDNEUT HNGS MCFL HNGS** 22. 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	374		950		0	
11.000	8.625 J-55	24.0	0	1010		500		0	
7.875	5.500 J-55	17.0	0	4651		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	4548							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) <b>PADDOCK</b>	<b>4260</b>	<b>4510</b>	<b>4260 TO 4510</b>	<b>0 410</b>	<b>26</b>	<b>OPEN, Paddock</b>
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
<b>4260 TO 4510</b>	<b>gal acid</b>
<b>4260 TO 4510</b>	<b>gal gel, 108062# 16/30 Brady sand, 23035# 16/30 CRC</b>

**Accepted for record**  
**NMOCD R/D Date 03/15/12**

**RECEIVED**  
**MAR - 7 2012**  
**NMOCD ARTESIA**  
**RECLAMATION**  
**DUE 7-26-12**

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
<b>01/26/2012</b>	<b>02/23/2012</b>	<b>24</b>	<b>→</b>	<b>45.0</b>	<b>106.0</b>	<b>165.0</b>	<b>39.6</b>	<b>0.60</b>	<b>ELECTRIC PUMPING UNIT</b>
<b>Choke Size</b>	<b>Tbg Press Flwg SI</b>	<b>Csg Press</b>	<b>24 Hr Rate</b>	<b>Oil BBL</b>	<b>Gas MCF</b>	<b>Water BBL</b>	<b>Gas Oil Ratio</b>	<b>Well Status</b>	
	<b>SI</b>	<b>70.0</b>	<b>→</b>	<b>45</b>	<b>106</b>	<b>165</b>	<b>2355</b>	<b>POW</b>	

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
			<b>→</b>						<b>MAR 1 2012</b>
<b>Choke Size</b>	<b>Tbg Press Flwg SI</b>	<b>Csg Press</b>	<b>24 Hr Rate</b>	<b>Oil BBL</b>	<b>Gas MCF</b>	<b>Water BBL</b>	<b>Gas Oil Ratio</b>	<b>Well Status</b>	
	<b>SI</b>		<b>→</b>						

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

ELECTRONIC SUBMISSION #131676 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT  
 CARLSBAD FIELD 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
RUSTLER	390	840	ANHYDRITE SALT SANDSTONE & DOLOMITE DOLOMITE & LIMESTONE SANDSTONE DOLOMITE & ANHYDRITE	RUSTLER	390
SALADO	635			SALADO	635
QUEEN	1954			QUEEN	1954
SAN ANDRES	2648			SAN ANDRES	2648
GLORIETA	4055			GLORIETA	4055
YESO	4170	YESO	4170		

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 #131676 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH MCKINNEY on 02/27/2012 (12DLM0625SE)**

Name (please print) CHASITY JACKSON Title PREPARER

Signature (Electronic Submission) Date 02/27/2012

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.