

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia  
**RECEIVED**  
OCT 30 2012

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG** **OCD ARTESIA**

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 **ONE CONCHO CENTER 600 WILLINOIS AVENUE MIDLAND, TX 79701** 3a. Phone No. (include area code) **432-686-3087**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface **NESW 2332FSL 1690FWL**  
 At top prod interval reported below **NESW 2332FSL 1690FWL**  
 At total depth **NESW 2332FSL 1690FWL**

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 646**

9. API Well No **30-015-40277-00-S1**

10. Field and Pool, or Exploratory **BURCH KEELY-GLORIETA-UPPER YES**

11. Sec, T, R., M., or Block and Survey or Area **Sec 19 T17S R30E Mer NMP**

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

14. Date Spudded **07/19/2012** 15. Date T.D. Reached **07/24/2012** 16. Date Completed  D & A  Ready to Prod. **08/14/2012**

17. Elevations (DF, KB, RT, GL)\* **3627 GL**

18. Total Depth **MD 4668 TVD 4668** 19. Plug Back T.D.: **MD 4614 TVD 4614** 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?  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	307		400		0	
11.000	8.625 J-55	24.0	0	1098		500		0	
7.875	5.500 J-55	17.0	0	4666		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	4564							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4260	4510	4260 TO 4510	0.410	26	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4260 TO 4510	ACIDIZE W/2,500 GALS 15% ACID
4260 TO 4510	FRAC W/100,601 GALS GEL, 108,749# 16/30 BROWN SAND, 12,801# 16/30 SLC.

**RECLAMATION**  
DATE **2-14-13**

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
08/15/2012	08/15/2012	24	→	71.0	200.0	73.0	37.9	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 \_\_\_\_\_

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 \_\_\_\_\_

(See Instructions and spaces for additional data on reverse side)  
 ELECTRONIC SUBMISSION #154188 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

BUREAU OF LAND MANAGEMENT  
GARDEN FIELD OFFICE  
*[Signature]*

**ACCEPTED FOR RECORD**  
OCT 28 2012

*[Handwritten initials]*

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	385	927	ANHYDRITE SALT SANDSTONE & DOLOMITE DOLOMITE & LIMESTONE SANDSTONE DOLOMITE & ANHYDRITE	RUSTLER	385
SALADO	726			TOP SALT	726
QUEEN	1989			QUEEN	1989
SAN ANDRES	2719			SAN ANDRES	2719
GLORIETA	4147			GLORIETA	4147
YESO	4205	YESO	4205		

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 #154188 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 10/19/2012 (13KMS3494SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature \_\_\_\_\_ (Electronic Submission)

Date 10/10/2012

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 \*\***