

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia  
**RECEIVED**  
FEB 26 2013  
MOCO ARTESIA

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMMLC028784A

1a. 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.  
NMNM88525X

2. Name of Operator **COG OPERATING LLC** Contact: **KANICIA CASTILLO**  
E-Mail: **kcastillo@concho.com**

8. Lease Name and Well No.  
**BURCH KEELY UNIT 640**

3. Address **ONE CONCHO CENTER 600 W ILLINOIS AVENUE** 3a. Phone No. (include area code)  
**MIDLAND, TX 79701** Ph: **432-685-4332**

9. API Well No.  
**30-015-40328-00-S1**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface **NENE 909FNL 149FEL**  
 At top prod interval reported below **NENE 909FNL 149FEL**  
 At total depth **NENE 658FNL 19FEL**

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

11. Sec., T., R., M., or Block and Survey  
or Area **Sec 24 T17S R29E Mer NMP**

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

14. Date Spudded **12/23/2012** 15. Date T.D. Reached **01/01/2013** 16. Date Completed  
 D & A  Ready to Prod.  
**01/22/2013**

17. Elevations (DF, KB, RT, GL)\*  
**3613 GL**

18. Total Depth: MD **4847** 19. Plug Back T.D.: MD **4683** 20. Depth Bridge Plug Set: MD **4683**  
 TVD **4847** TVD **4683** TVD **4683**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**CN**

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	252		1000		0	
11.000	8.625 J-55	24.0	0	1020		500		0	
7.875	5.500 J-55	17.0	0	4847		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		4562						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	4196	4446	4196 TO 4446	0.210	26	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4196 TO 4446	ACIDIZED W/ 2000 GALS 15% HCL ACID.
4196 TO 4446	FRAC W/112,254 GALS GEL, 105,500# 16/30 BROWN SAND, 16,658# 16/30 SIBERPROP.

**RECLAMATION**  
**DIE 7-22-13**

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
01/25/2013	01/27/2013	24	→	46.0	111.0	202.0	38.7	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	70	70.0	→	46	111	202			

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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

**ACCEPTED FOR RECORD**  
FEB 23 2013  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #198920 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

*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	346	877	ANHYDRITE	RUSTLER	346
SALADO	592		SALT	TOP SALT	592
YATES	1032		DOLOMITE	YATES	1032
QUEEN	1947		SANDSTONE & DOLOMITE	QUEEN	1947
SAN ANDRES	2663		DOLOMITE & LIMESTONE	SAN ANDRES	2663
GLORIETA	4093		SANDSTONE	GLORIETA	4093
YESO	4151	DOLOMITE & ANHYDRITE	YESO	4151	

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 #198920 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 02/19/2013 (13KMS5012SE)**

Name (please print) KANICIA CASTILLO Title PREPARER

Signature \_\_\_\_\_ (Electronic Submission) Date 02/14/2013

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 \*\***