

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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OCD Artesia
APR 02 2013

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG ARTESIA

5. Lease Serial No.
NMLC054406

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 W ILLINOIS AVENUE MIDLAND, TX 79701** 3a. Phone No. (include area code) **Ph: 432-686-3087**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **SENW 1395FNL 2338FWL**
 At top prod interval reported below **SENW 1395FNL 2338FWL**
 At total depth **SENW 1330FNL 1980FWL**

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 858**

9. API Well No. **30-015-40382-00-S1**

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

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

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

14. Date Spudded **09/21/2012** 15. Date T.D. Reached **09/27/2012** 16. Date Completed D & A Ready to Prod. **02/25/2013**

17. Elevations (DF, KB, RT, GL)* **3595 GL**

18. Total Depth: MD **4126** TVD **4098** 19. Plug Back T.D.: MD **4078** TVD **4078** 20. Depth Bridge Plug Set: MD **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **COMPENSATED NEUT HNGS CCL** 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	308		400		0	
11.000	8.625 J-55	24.0	0	988		500		0	
7.875	5.500 J-55	17.0	0	4126		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		3759						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	2824	3896	2824 TO 3091	0.410	19	OPEN
B)			3192 TO 3532	0.410	23	OPEN
C)			3654 TO 3896	0.410	22	OPEN
D)						

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

Depth Interval	Amount and Type of Material
2824 TO 3091	ACIDIZE W/2,500 GALS 15% ACID.
2824 TO 3091	FRAC W/100,117 GALS GEL, 119,937# 16/30 BROWN SAND, 28,820# 16/30 SIBERPROP.
3192 TO 3532	ACIDIZE W/2,500 GALS 15% ACID.
3192 TO 3532	FRAC W/95,751 GALS GEL, 112,629# 16/30 BROWN SAND, 24,665# 16/30 SIBERPROP.

RECLAMATION
DUE 8-25-13

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
02/27/2013	03/05/2013	24	→	59.0	83.0	203.0	40.0	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 70.0	24 Hr. Rate →	Oil BBL 59	Gas MCF 83	Water BBL 203	Gas:Oil Ratio 1407	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	

ACCEPTED FOR RECORD
MAR 30 2013
J. Lewis
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #202046 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

gmo

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	337	829	ANHYDRITE SALT SANDSTONE SANDSTONE & DOLOMITE DOLOMITE & LIMESTONE SANDSTONE	RUSTLER	337
SALADO	659			TOP SALT	659
YATES	1002			YATES	1002
QUEEN	1906			QUEEN	1906
SAN ANDRES	2630			SAN ANDRES	2630
GLORIETA	4060			GLORIETA	4060

32. Additional remarks (include plugging procedure):

44. Acid, Fracture, Treatment, Cement Squeeze, etc.
3654 - 3896 ACIDIZE W/2,500 GALS 15% ACID. FRAC W/94,978 GALS GEL, 111,037# 16/30 BROWN SAND, 23,377# 16/30 SIBERPROP.

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 #202046 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 03/25/2013 (13KMS5658SE)**

Name (please print) CHASITY JACKSON Title PREPARER

Signature _____ (Electronic Submission) Date 03/20/2013

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 ****