

RECEIVED

AUG 20 2013

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
NMOC D ARTESIA

RECEIVED

AUG 20 2013

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 20105. Lease Serial No.
NMLC028784B

- 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.
NMNM88525X2. Name of Operator
COG OPERATING LLCContact: SANDY BALLARD
E-Mail: sballard@concho.com8. Lease Name and Well No.
BURCH KEELY UNIT 6003. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE
MIDLAND, TX 797013a. Phone No. (include area code)
Ph: 432-685-43739. API Well No.
30-015-40883-00-S1

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

At surface NESW 2620FSL 2048FWL

At top prod interval reported below NESW 2620FSL 2048FWL

At total depth NESW 2620FSL 2048FWL

10. Field and Pool, or Exploratory
BURCH KEELY-GLORIETA-UPPER YES11. Sec., T., R., M., or Block and Survey
or Area Sec 23 T17S R29E Mer NMP12. County or Parish
EDDY13. State
NM14. Date Spudded
06/09/201315. Date T.D. Reached
06/14/201316. Date Completed
☐ D & A ☒ Ready to Prod.
07/15/201317. Elevations (DF, KB, RT, GL)*
3596 GL18. Total Depth: MD 4617
TVD19. Plug Back T.D.: MD 4607
TVD20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATED NEUT HGNS22. 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	307		700		0	
11.000	8.625 J-55	24.0	0	948		500		0	
7.875	5.500 J-55	17.0	0	4607		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	4479							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4072	4322	4072 TO 4322	0.410	26	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4072 TO 4322	ACIDIZE W/2000 GALS 15% HCL
4072 TO 4322	FRAC W/92,159 GALS GEL, 115,350# 16/30 BROWN SAND, 19,660# SIBERPROP

28. Production - Interval A

ACCEPTED FOR RECORD

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/16/2013	07/21/2013	24	→	90.0	146.0	202.0	37.4	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	75	75.0	→	90	146	202	1922	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

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

ELECTRONIC SUBMISSION #216542 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION
DUE 1-15-14

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	192	836	ANHYDRITE	RUSTLER	192
SALADO	296		SALT	TOP SALT	296
YATES	945		SANDSTONE	YATES	945
QUEEN	1845		SANDSTONE & DOLOMITE	QUEEN	1845
GRAYBURG	2320		SANDSTONE & DOLOMITE	SAN ANDRES	2320
GLORIETA	3997		SANDSTONE	GLORIETA	3997
PADDOCK	4053		DOLOMITE & ANHYDRITE	PADDOCK	4053

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 #216542 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 08/13/2013 (13KMS7036SE)

Name (please print) SANDY BALLARD

Title AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission)

Date 08/09/2013

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 ** REVISED ****

Revisions to Operator-Submitted EC Data for Well Completion #216542

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMLC028731B	NMLC028784B
Agreement:	NMNM111789X	NMNM88525X (NMNM88525X)
Operator:	COG OPERATING LLC 600 W. ILLINOIS AVENUE MIDLAND, TX 79701 Ph: 432-685-4373	COG OPERATING LLC ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701 Ph: 432.685.4385
Admin Contact:	SANDY BALLARD AUTHORIZED REPRESENTATIVE E-Mail: sballard@concho.com Ph: 432-685-4373	SANDY BALLARD AUTHORIZED REPRESENTATIVE E-Mail: sballard@concho.com Ph: 432-685-4373
Tech Contact:	SANDY BALLARD AUTHORIZED REPRESENTATIVE E-Mail: sballard@concho.com Ph: 432-685-4373	SANDY BALLARD AUTHORIZED REPRESENTATIVE E-Mail: sballard@concho.com Ph: 432-685-4373
Well Name: Number:	BURCH KEELY UNIT 600	BURCH KEELY UNIT 600
Location: State: County: S/T/R: Surf Loc:	NM EDDY Sec 23 T17S R29E Mer 2620FSL 2048FWL	NM EDDY Sec 23 T17S R29E Mer NMP NESW 2620FSL 2048FWL
Field/Pool:	DODD; GLORIETA-UPPER YESO	BURCH KEELY-GLORIETA-UPPER YES
Logs Run:	COMPENSATED NEUTRON CCL/HNGS	COMPENSATEDNEUT HNGS
Producing Intervals - Formations:	PADDOCK	PADDOCK
Porous Zones:	RUSTLER SALADO YATES QUEEN GRAYBURG GLORIETA PADDOCK	RUSTLER SALADO YATES QUEEN GRAYBURG GLORIETA PADDOCK
Markers:	RUSTLER TOP SALT YATES QUEEN SAN ANDRES GLORIETA PADDOCK	RUSTLER TOP SALT YATES QUEEN SAN ANDRES GLORIETA PADDOCK