

RECEIVED

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAY 03 2019

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

DISTRICT II-ARTESIA O.C.D.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC054280

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.

2. Name of Operator
COG OPERATING LLC
 Contact: ROBYN RUSSELL
 E-Mail: rrussell@concho.com

8. Lease Name and Well No.
MCINTYRE A EAST 15

3. Address 600 W. ILLINOIS AVE
MIDLAND, TX 79701

3a. Phone No. (include area code)
Ph: 432-685-4385

9. API Well No:
30-015-31854

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

At surface SESE 330FSL 990FEL

At top prod interval reported below SESE 330FSL 990FEL

At total depth SESE 330FSL 990FEL

10. Field and Pool, or Exploratory
GB JACKSON, SA-Q-G-SA11. Sec., T., R., M., or Block and Survey
or Area Sec 20 T17S R30E Mer12. County or Parish
EDDY13. State
NM14. Date Spudded
08/01/200115. Date T.D. Reached
08/11/200116. Date Completed
☐ D & A ☒ Ready to Prod.
06/26/201817. Elevations (DF, KB, RT, GL)*
3623 GL18. Total Depth: MD
TVD 506419. Plug Back T.D.: MD
TVD 451720. Depth Bridge Plug Set: MD
TVD21. 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625 J55	24.0		1230		625			
7.875	5.500 J55	17.0		5033		1050			
17.500	13.375 H40	48.0	0	425		450			

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	4378							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	3370	3676	3370 TO 3676	0.430	54	OPEN
B) SAN ANDRES	3740	4148	3740 TO 4148	0.430	54	OPEN
C)			4602 TO 4719	0.410	34	CLOSED
D)						

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

Depth Interval	Amount and Type of Material
3370 TO 3676	ACIDIZE W/1246 GALS ACID, FRAC W/529,032 GALS SLICK WATER, 530,250 GALS CLEAN, 546,588 GALS DIRTY,
3740 TO 4148	ACIDIZE W/1848 GALS ACID, FRAC W/629,916 GALS SLICK WATER, 631,764 GALS CLEAN, 648,564 GALS DIRTY,

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
09/03/2018	09/05/2018	24	→	40.0	75.0	820.0	36.2	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		94.0	→	40	75	820	1875	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 #434570 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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
SAN ANDRES	3022			QUEEN SAN ANDRES GLORIETA	2242 3022 4519

32. Additional remarks (include plugging procedure):

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 #434570 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) ROBYN RUSSELL

Title REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 09/10/2018

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****