

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTCarlsbad Field Office
Operator CopyFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM122801a. 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 LLCContact: JEANETTE BARRON
E-Mail: JBARRON@CONCHO.COM8. Lease Name and Well No.
TATANKA FEDERAL 4H3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE
MIDLAND, TX 79701-42873a. Phone No. (include area code)
Ph: 575-748-69749. API Well No.
30-025-44570-00-S1

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

Sec 11 T26S R35E Mer NMP

At surface SWSW 230FSL 436FEL 32.051153 N Lat, 103.331175 W Lon

Sec 11 T26S R35E Mer NMP

At top prod interval reported below SWSW 230FSL 436FEL 32.051153 N Lat, 103.331175 W Lon

Sec 2 T26S R35E Mer NMP

At total depth NWNW 79FNL 975FEL 32.079354 N Lat, 103.332933 W Lon

10. Field and Pool, or Exploratory
WOLFCAMP11. Sec., T., R., M., or Block and Survey
or Area Sec 11 T26S R35E Mer NMP12. County or Parish
LEA13. State
NM14. Date Spudded
10/23/201915. Date T.D. Reached
12/06/201916. Date Completed
☐ D & A ☒ Ready to Prod.
01/20/202017. Elevations (DF, KB, RT, GL)*
3027 GL18. Total Depth MD 22587
TVD 1220419. Plug Back T.D.: MD 22417
TVD 1220420. Depth Bridge Plug Set MD 22492
TVD 12204

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

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
14.750	10.750 L80	45.5	0	962		750		0	
10.000	7.625 P110	29.7	0	11630	5016	1850		0	
6.750	5.500 P110	23.0	0	22565		1525		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	11689	11679						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12642	22395	12642 TO 22395		1960	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12642 TO 22395	SEE ATTACHED INFORMATION

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
02/27/2020	02/27/2020	24	→	648.0	430.0	1300.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
23/64	SI 3500	3200.0	→	648	430	1300		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 #506642 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation due 8/27/20

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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	771			RUSTLER	771
TOP OF SALT	1119			TOP OF SALT	1119
BASE OF SALT	4614			BASE OF SALT	4614
LAMAR	5059			LAMAR	5059
BELL CANYON	5087			BELL CANYON	5087
CHERRY CANYON	6038			CHERRY CANYON	6038
BRUSHY CANYON	7581			BRUSHY CANYON	7581
BRUSHY CANYON A	8701			BRUSHY CANYON A	8701

32. Additional remarks (include plugging procedure):

BONE SPRING LIME STONE 8899
 LOWER AVALON SHALE 9154
 FIRST BONE SPRING 10109
 FIRST BONE SPRING SHALE 10212
 SECOND BONE SPRING 10786
 SECOND BONE SPRING BASE 11314
 CHARKEY 11539
 THIRD BONE SPRING 11959

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 #506642 Verified by the BLM Well Information System.
 For COG OPERATING LLC, sent to the Hobbs
 Committed to AFMSS for processing by TANJA BACA on 05/21/2020 (20TAB0032SE)

Name (please print) JEANETTE BARRONTitle REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 03/10/2020

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 ****

Revisions to Operator-Submitted EC Data for Well Completion #506642

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM12280	NMNM12280
Agreement:		
Operator:	CONCHO 2208 W MAIN STREET ARTESIA, NM 88210 Ph: 575-748-6974	COG OPERATING LLC ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287 Ph: 432.685.4342
Admin Contact:	JEANETTE BARRON REGULATORY TECHNICIAN II E-Mail: jbarron@concho.com Ph: 575-748-6974	JEANETTE BARRON REGULATORY ANALYST E-Mail: JBARRON@CONCHO.COM Ph: 575-748-6974
Tech Contact:	JEANETTE BARRON REGULATORY TECHNICIAN II E-Mail: jbarron@concho.com Ph: 575-748-6974	JEANETTE BARRON REGULATORY ANALYST E-Mail: JBARRON@CONCHO.COM Ph: 575-748-6974
Well Name:	TATANKA FEDERAL COM	TATANKA FEDERAL
Number:	4H	4H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 11 T26S R35E Mer NMP	Sec 11 T26S R35E Mer NMP
Surf Loc:	SWSW Lot P 230FSL 436FEL 32.051153 N Lat, 103.331175 W Lon	SWSW Lot P 230FSL 436FEL 32.051153 N Lat, 103.331175 W Lon
Field/Pool:	WC-025 G-09 S263504N; WOL	WOLFCAMP
Logs Run:		
Producing Intervals - Formations:	WOLFCAMP	WOLFCAMP
Porous Zones:	RUSTLER TOP OF SALT BOTTOM OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BRUSHY CANYON A	RUSTLER TOP OF SALT BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BRUSHY CANYON A
Markers:	RUSTLER TOP OF SALT BOTTOM OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BRUSHY CANYON A	RUSTLER TOP OF SALT BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BRUSHY CANYON A