

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC065928A

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: AMANDA AVERY
E-Mail: aavery@concho.com

3. Address 600 W ILLINOIS AVENUE
MIDLAND, TX 79701 3a. Phone No. (include area code)
Ph: 575-748-6940

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 Sec 33 T26S R29E Mer NMP
 At surface Lot 9 250FSL 751FWL 32.000803 N Lat, 103.995774 W Lon
 Sec 33 T26S R29E Mer NMP
 At top prod interval reported below Lot 9 250FSL 751FWL 32.000803 N Lat, 103.995774 W Lon
 Sec 28 T26S R29E Mer NMP
 At total depth NWNW 200FNL 327FWL 32.020626 N Lat, 103.996858 W Lon

6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.
NMNM138710

8. Lease Name and Well No.
LITTLEFIELD 33 FEDERAL COM 708H

9. API Well No.
30-015-45165-00-S1

10. Field and Pool, or Exploratory
PURPLE SAGE-WOLFCAMP (GAS)

11. Sec., T., R., M., or Block and Survey
or Area Sec 33 T26S R29E Mer NMP

12. County or Parish
EDDY 13. State
NM

14. Date Spudded
10/06/2018 15. Date T.D. Reached
02/02/2019 16. Date Completed
 D & A Ready to Prod.
05/28/2019

17. Elevations (DF, KB, RT, GL)*
2864 GL

18. Total Depth: MD 17085 TVD 10036 19. Plug Back T.D.: MD 16900 TVD 10036 20. Depth Bridge Plug Set: MD 17001 TVD 10036

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	594		1150		0	
9.875	7.625 L80	29.7	0	9448	2695	2387		0	
6.750	5.500 P110	23.0	0	17073		1550		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	9413	9403						

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	10168	16976	10168 TO 16976		1248	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material	NM OIL CONSERVATION
10168 TO 16976	SEE ATTACHED	ARTESIA DISTRICT
		SEP 23 2019

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
05/28/2019	05/28/2019	24	→	308.0	2650.0	2642.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
26/64	SI 2572	2155.0	→	308	2650	2642		PGM	

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
			→						SEP - 1 2019
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
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #470690 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED **

Reclamation Due: 11/28/2019

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
LAMAR	2694			LAMAR	2694
CHERRY CANYON	3642			CHERRY CANYON	3642
BRUSHY CANYON	4950			BRUSHY CANYON	4950
BONE SPRING LIME	6499			BONE SPRING LIME	6499
BONE SPRING 1ST	7417			BONE SPRING 1ST	7417
BONE SPRING 2ND	8198			BONE SPRING 2ND	8198
BONE SPRING 3RD	9245			BONE SPRING 3RD	9245
WOLFCAMP	9593			WOLFCAMP	9593

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 #470690 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 07/02/2019 (19DMH0085SE)

Name (please print) AMANDA AVERY Title AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission) Date 06/26/2019

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.