

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.	NMNM123528
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1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other						6. If Indian, Allottee or Tribe Name					
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____						7. Unit or CA Agreement Name and No.					
2. Name of Operator COG OPERATING LLC Contact: AMANDA AVERY E-Mail: aaavery@concho.com						8. Lease Name and Well No. SEBASTIAN FEDERAL COM 703H					
3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287						3a. Phone No. (include area code) Ph: 575-748-6940					
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNE 250FNL 2195FEL 32.224138 N Lat, 103.507588 W Lon At top prod interval reported below NWNE 250FNL 2195FEL 32.224138 N Lat, 103.507588 W Lon At total depth SWSE 52FSL 950FEL 32.210462 N Lat, 103.503546 W Lon						9. API Well No. 30-025-46985-00-S1					
						10. Field and Pool, or Exploratory WC-025 G09 S243310P-UP WOLFCMP					
						11. Sec., T., R., M., or Block and Survey or Area Sec 18 T24S R34E Mer NMP					
						12. County or Parish LEA			13. State NM		
14. Date Spudded 03/23/2020			15. Date T.D. Reached 04/16/2020			16. Date Completed ☐ D & A ☒ Ready to Prod. 08/17/2020			17. Elevations (DF, KB, RT, GL)* 3585 GL		
18. Total Depth:		MD	16988	19. Plug Back T.D.:		MD	16900	20. Depth Bridge Plug Set:		MD	16900
		TVD	12145			TVD	12145			TVD	12145
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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled		
14.750	10.750 J55	45.5	0	1345		800		0			
8.750	7.625 L80	29.7	0	11340	5119	2000		0			
6.750	5.500 P110	23.0	0	16972		1500		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	11089	11079									
25. Producing Intervals					26. Perforation Record						
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status			
A)	WOLFCAMP	12260	16875	12260 TO 16875			780	OPEN			
B)											
C)											
D)											
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.											
Depth Interval		Amount and Type of Material									
12260 TO 16875		57036 7 1/2%; 9,194,280# SAND; 9,391,452 GAL FLUID									
28. Production - Interval A											
Date First Produced 08/24/2020	Test Date 08/24/2020	Hours Tested 24	Test Production →	Oil BBL 1275.0	Gas MCF 3733.0	Water BBL 2476.0	Oil Gravity Corr. API	Gas Gravity	Production Method GAS LIFT		
Choke Size 23/64	Tbg. Press. Flwg. SI 3800	Csg. Press.	24 Hr. Rate →	Oil BBL 1275	Gas MCF 3733	Water BBL 2476	Gas:Oil Ratio 3	Well Status 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. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status			

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

ELECTRONIC SUBMISSION #530130 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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	1278			RUSTLER	1278
TOP OF SALT	1813			TOP OF SALT	1813
BASE OF SALT	4908			BASE OF SALT	4908
LAMAR	5169			LAMAR	5169
BELL CANYON	5208			BELL CANYON	5208
CHERRY CANYON	6155			CHERRY CANYON	6155
BRUSHY CANYON	7535			BRUSHY CANYON	7535
BONE SPRING LIME	8951			BONE SPRING LIME	8951
BONE SPRING 1ST	9985			BONE SPRING 1ST	9985
BONE SPRING 2ND	10480			BONE SPRING 2ND	10480
BONE SPRING 3RD	11463			BONE SPRING 3RD	11463
WOLFCAMP	12005			WOLFCAMP	12005

32. Additional remarks (include plugging procedure):

FIRST BONE SPRING 9985
SECOND BONE SPRING 10480
THIRD BONE SPRING 11463
WOLFCAMP 12005

33. Circle enclosed attachments:

- Electrical/Mechanical Logs (1 full set req'd.)
- Geologic Report
- DST Report
- Directional Survey
- Sundry Notice for plugging and cement verification
- Core Analysis
- 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 #530130 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH HAM on 12/12/2020 (21DMH0029SE)

Name (*please print*) AMANDA AVERY

Title REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 09/15/2020

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 #530130

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM123528	NMNM123528
Agreement:		
Operator:	COG OPERATING LLC 2208 W MAIN STREET ARTESIA, NM 88210 Ph: 575-748-6940	COG OPERATING LLC ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287 Ph: 432.685.4342
Admin Contact:	AMANDA AVERY REGULATORY ANALYST E-Mail: aavery@concho.com Ph: 575-748-6940	AMANDA AVERY REGULATORY ANALYST E-Mail: aavery@concho.com Ph: 575-748-6940
Tech Contact:	AMANDA AVERY REGULATORY ANALYST E-Mail: aavery@concho.com Ph: 575-748-6940	AMANDA AVERY REGULATORY ANALYST E-Mail: aavery@concho.com Ph: 575-748-6940
Well Name: Number:	SEBASTIAN FEDERAL COM 703H	SEBASTIAN FEDERAL COM 703H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 18 T24S R34E Mer NMP	Sec 18 T24S R34E Mer NMP
Surf Loc:	NWNE Lot B 250FNL 2195FEL 32.224138 N Lat, 103.507588 W Lon	NWNE Lot B 250FNL 2195FEL 32.224138 N Lat, 103.507588 W Lon
Field/Pool:	WC-025 G-09 S243310P; UWC	WC-025 G09 S243310P-UP WOLFCAMP
Logs Run:		
Producing Intervals - Formations:	WOLFCAMP	WOLFCAMP
Porous Zones:	RUSTLER TOP OF SALT BOTTOM OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING LIMESTONE	RUSTLER TOP OF SALT BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING LIME BONE SPRING 1ST BONE SPRING 2ND BONE SPRING 3RD WOLFCAMP
Markers:	RUSTLER TOP OF SALT BOTTOM OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING LIMESTONE	RUSTLER TOP OF SALT BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING LIME BONE SPRING 1ST BONE SPRING 2ND BONE SPRING 3RD WOLFCAMP

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 13798

CONDITIONS OF APPROVAL

Operator:	COG OPERATING LLC	600 W Illinois Ave	Midland, TX79701	OGRID:	229137	Action Number:	13798	Action Type:	C-105
OCD Reviewer	Condition								
plmartinez	None								