

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.
NMNM120913

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____						6. If Indian, Allottee or Tribe Name	
						7. Unit or CA Agreement Name and No.	
2. Name of Operator Contact: AMANDA AVERY COG OPERATING LLC E-Mail: aaavery@concho.com						8. Lease Name and Well No. STOVE PIPE FEDERAL COM 601H	
3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287				3a. Phone No. (include area code) Ph: 575-748-6940		9. API Well No. 30-025-46556-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 31 T24S R35E Mer NMP SESW 270FSL 2160FWL 32.167462 N Lat, 103.408114 W Lon Sec 31 T24S R35E Mer NMP At top prod interval reported below SESW 270FSL 2160FWL 32.167462 N Lat, 103.408114 W Lon Sec 7 T25S R35E Mer NMP At total depth SESW 53FSL 1835FWL 32.137829 N Lat, 103.409206 W Lon						10. Field and Pool, or Exploratory WC025G09S243532M-WOLFBONE	
						11. Sec., T., R., M., or Block and Survey or Area Sec 31 T24S R35E Mer NMP	
						12. County or Parish LEA 13. State NM	
14. Date Spudded 12/05/2019		15. Date T.D. Reached 02/05/2020		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/19/2020		17. Elevations (DF, KB, RT, GL)* 3322 GL	
18. Total Depth:		MD 23128 TVD 12508	19. Plug Back T.D.:		MD 23045 TVD 12508	20. Depth Bridge Plug Set: MD 23045 TVD 12508	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)						22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)	

23. Casing and Liner Record (Report all strings set in well)

[illegible]

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	11936	11926						

25. Producing Intervals

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFBONE	12805	22930	12805 TO 22930		912	OPEN
B)						
C)						
D)						



26. Perforation Record

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFBONE	12805	22930	12805 TO 22930		912	OPEN
B)						
C)						
D)						



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

Depth Interval	Amount and Type of Material
12805 TO 22930	68,502 7 1/2%; 20,371,091# SAND; 20,139,349 GAL FLUID.

28. Production - Interval A

Date First Produced 09/23/2020	Test Date 09/23/2020	Hours Tested 24	Test Production 	Oil BBL 779.0	Gas MCF 967.0	Water BBL 2374.0	Oil Gravity Corr. API	Gas Gravity	Production Method GAS LIFT
Choke Size 20/64	Tbg. Press. Flwg. 3700 SI	Csg. Press. 3400.0	24 Hr. Rate 	Oil BBL 779	Gas MCF 967	Water BBL 2374	Gas:Oil Ratio 1	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 #533209 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	893			RUSTLER	893
TOP OF SALT	1347			TOP OF SALT	1347
BASE OF SALT	5203			BASE OF SALT	5203
LAMAR	5515			LAMAR	5515
BELL CANYON	5550			BELL CANYON	5550
CHERRY CANYON	6500			CHERRY CANYON	6500
BRUSHY CANYON	8137			BRUSHY CANYON	8137
BRUSHY CANYON A	9201			BRUSHY CANYON A	9201
BONE SPRING LIME	9402			BONE SPRING LIME	9402
BONE SPRING 1ST	10577			BONE SPRING 1ST	10577
BONE SPRING 2ND	11123			BONE SPRING 2ND	11123
BONE SPRING 3RD	12234			BONE SPRING 3RD	12234

32. Additional remarks (include plugging procedure):

BONE SPRING LIMESTONE 9402
FIRST BONE SPRING 10577
FIRST BONE SPRING SHALE 10769
SECOND BONE SPRING 11123
SECOND BONE SPRING BASE 11616
THIRD BONE SPRING 12234

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 #533209 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 (21DMH0031SE)

Name(*please print*) AMANDA AVERY

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 10/07/2020

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 #533209

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM120913	NMNM120913
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:	STOVE PIPE FEDERAL COM 601H	STOVE PIPE FEDERAL COM 601H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 31 T24S R35E Mer NMP	Sec 31 T24S R35E Mer NMP
Surf Loc:	SESW Lot N 270FSL 2160FWL 32.167462 N Lat, 103.408114 W Lon	SESW Lot N 270FSL 2160FWL 32.167462 N Lat, 103.408114 W Lon
Field/Pool:	WOLFBONE	WC025G09S243532M-WOLFBONE
Logs Run:		
Producing Intervals - Formations:	WOLFBONE	WOLFBONE
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 BONE SPRING LIME BONE SPRING 1ST BONE SPRING 2ND BONE SPRING 3RD
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 BONE SPRING LIME BONE SPRING 1ST BONE SPRING 2ND BONE SPRING 3RD

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 13800

CONDITIONS OF APPROVAL

Operator:	COG OPERATING LLC	600 W Illinois Ave	Midland, TX79701	OGRID:	229137	Action Number:	13800	Action Type:	C-105
OCD Reviewer	Condition								
plmartinez	None								