

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 <b>COG OPERATING LLC</b> Contact: AMANDA AVERY E-Mail: aavery@concho.com						8. Lease Name and Well No. <b>STOVE PIPE FEDERAL COM 702H</b>	
3. Address <b>ONE CONCHO CENTER    600 W ILLINOIS AVENUE</b> <b>MIDLAND, TX 79701-4287</b>				3a. Phone No. (include area code) Ph: 575-748-6940		9. API Well No. <b>30-025-46557-00-S1</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface    Sec 31 T24S R35E Mer NMP SESW 270FSL 2190FWL 31.167461 N Lat, 103.408017 W Lon Sec 31 T24S R35E Mer NMP At top prod interval reported below    SESW 270FSL 2190FWL 31.167461 N Lat, 103.408017 W Lon Sec 7 T25S R35E Mer NMP At total depth    SESW 50FSL 2280FWL 32.137820 N Lat, 103.407769 W Lon						10. Field and Pool, or Exploratory <b>RATTLESNAKE FLAT</b> <b>UNKNOWN</b>	
						11. Sec., T., R., M., or Block and Survey or Area    Sec 31 T24S R35E Mer NMP	
						12. County or Parish <b>LEA</b>	
						13. State <b>NM</b>	
14. Date Spudded 12/07/2019		15. Date T.D. Reached 01/13/2020		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/20/2020		17. Elevations (DF, KB, RT, GL)* <b>3321 GL</b>	
18. Total Depth:		MD    23274 TVD    12776		19. Plug Back T.D.:		MD    23190 TVD    12776	
				20. Depth Bridge Plug Set:		MD    23190 TVD    12776	
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	12227	12217						

## 25. Producing Intervals

23. Producing Interval			24. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING			13085 TO 23165		912	OPEN
B) WOLFBONE	13085	23165				
C)						
D)						

## 26. Perforation Record



23. Producing Interval			24. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING			13085 TO 23165		912	OPEN
B) WOLFBONE	13085	23165				
C)						
D)						

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



Depth Interval	Amount and Type of Material
13085 TO 23165	77028 GAL 7 1/2%, 20,162,146#SAND, 20,184,275 GAL FLUID

---

28. Production - Interval A

Date First Produced 09/24/2020	Test Date 09/24/2020	Hours Tested 24	Test Production 	Oil BBL 1463.0	Gas MCF 1249.0	Water BBL 4065.0	Oil Gravity Corr. API	Gas Gravity	Production Method GAS LIFT
Choke Size 22/64	Tbg. Press. Flwg. 3400 SI	Csg. Press. 3500.0	24 Hr. Rate 	Oil BBL 1463	Gas MCF 1249	Water BBL 4065	Gas:Oil Ratio 1	Well Status POW	

## 28a. Production - Interval B

Date First Produced 09/24/2020	Test Date 09/24/2020	Hours Tested 24	Test Production 	Oil BBL 1463.0	Gas MCF 1249.0	Water BBL 4065.0	Oil Gravity Corr. API	Gas Gravity	Production Method GAS LIFT
Choke Size 22/64	Tbg. Press. Flwg. 3400 SI	Csg. Press. 3500.0	24 Hr. Rate 	Oil BBL 1463	Gas MCF 1249	Water BBL 4065	Gas:Oil Ratio	Well Status POW	

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

**ELECTRONIC SUBMISSION #534397 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	897			RUSTLER	897
TOP OF SALT	1360			TOP OF SALT	1360
BASE OF SALT	5198			BASE OF SALT	5198
LAMAR	5508			LAMAR	5508
BELL CANYON	5622			BELL CANYON	5622
CHERRY CANYON	6484			CHERRY CANYON	6484
BRUSHY CANYON	8120			BRUSHY CANYON	8120
BRUSHY CANYON A	9186			BRUSHY CANYON A	9186
BONE SPRING LIME	9366			BONE SPRING LIME	9366
AVALON	9762			AVALON	9762
BONE SPRING 1ST	10565			BONE SPRING 1ST	10565
BONE SPRING 2ND	11133			BONE SPRING 2ND	11133
BONE SPRING 3RD	12233			BONE SPRING 3RD	12233
WOLFCAMP	12674			WOLFCAMP	12674

## 32. Additional remarks (include plugging procedure):

BONE SPRING LIMESTONE 9366  
 AVALON M 9762  
 AVALON L 10170  
 FIRST BONE SPRING 10565  
 FIRST BONE SPRING SHALE 10772  
 SECOND BONE SPRING 11133  
 SECOND BONE SPRING BASE 11622  
 THIRD BONE SPRING 12233

## 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 #534397 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 (21DMH0033SE)**

Name(*please print*) AMANDA AVERY

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 10/19/2020

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 \*\***

**Additional data for transaction #534397 that would not fit on the form**

**32. Additional remarks, continued**

V SAND	12451
THIRD BONE SPRING W	12525
WOLFCAMP	12674
WOLFCAMP LITH	12884

## Revisions to Operator-Submitted EC Data for Well Completion #534397

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
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 702H	STOVE PIPE FEDERAL COM 702H
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 2190FWL 31.167461 N Lat, 103.408017 W Lon	SESW Lot N 270FSL 2190FWL 31.167461 N Lat, 103.408017 W Lon
Field/Pool:	WC-025 G-09 S243532M; WB	RATTLESNAKE FLAT
Logs Run:		
Producing Intervals - Formations:	WOLFBONE	BONE SPRING 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 AVALON 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 BRUSHY CANYON A	RUSTLER TOP OF SALT BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BRUSHY CANYON A BONE SPRING LIME AVALON 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 13802

**CONDITIONS OF APPROVAL**

Operator:	COG OPERATING LLC	600 W Illinois Ave	Midland, TX79701	OGRID:	229137	Action Number:	13802	Action Type:	C-105
-----------	-------------------	--------------------	------------------	--------	--------	----------------	-------	--------------	-------

OCD Reviewer	Condition
plmartinez	None