

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.
NMNM132949

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 COG OPERATING LLC <div style="text-align: right;">Contact: AMANDA AVERY E-Mail: aavery@concho.com</div>						8. Lease Name and Well No. STOVE PIPE FEDERAL COM 603H	
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. 30-025-46500-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 31 T24S R35E Mer NMP Lot 4 270FSL 390FWL 32.167467 N Lat, 103.413834 W Lon Sec 31 T24S R35E Mer NMP At top prod interval reported below Lot 4 270FSL 390FWL 32.167467 N Lat, 103.413834 W Lon Sec 7 T25S R35E Mer NMP At total depth SWSW 53FSL 1318FWL 32.137833 N Lat, 103.410878 W Lon						10. Field and Pool, or Exploratory MESA VERDE	
						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 11/30/2019		15. Date T.D. Reached 02/12/2020		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/22/2020		17. Elevations (DF, KB, RT, GL)* 3347 GL	
18. Total Depth:		MD 23520 TVD 12833		19. Plug Back T.D.:		MD 23430 TVD 12833	
20. Depth Bridge Plug Set:						MD 23430 TVD 12833	
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 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	12387	12377						

25. Producing Intervals

23. Producing Intervals			24. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP			13200 TO 23345		912	OPEN
B) WOLFBONE	13200	23345				
C)						
D)						



26. Perforation Record

23. Producing Intervals			24. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP			13200 TO 23345		912	OPEN
B) WOLFBONE	13200	23345				
C)						
D)						



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

Depth Interval	Amount and Type of Material
13200 TO 23345	59,816 GAL 7 1/2%; 17,537,363# SAND; 20,046,629 GAL FLUID

28. Production - Interval A

Date First Produced 09/26/2020	Test Date 09/26/2020	Hours Tested 24	Test Production 	Oil BBL 768.0	Gas MCF 641.0	Water BBL 2510.0	Oil Gravity Corr. API	Gas Gravity	Production Method GAS LIFT
Choke Size 22/64	Tbg. Press. Flwg. 3250 SI	Csg. Press. 3000.0	24 Hr. Rate 	Oil BBL 768	Gas MCF 641	Water BBL 2510	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
09/26/2020	09/26/2020	24		768.0	641.0	2510.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. 3250 SI	Csg. Press. 3000.0	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
22/64				768	641	2510		POW	

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

ELECTRONIC SUBMISSION #534048 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	908			RUSTLER	908
TOP OF SALT	1411			TOP OF SALT	1411
BASE OF SALT	5238			BASE OF SALT	5238
LAMAR	5585			LAMAR	5585
BELL CANYON	5590			BELL CANYON	5590
CHERRY CANYON	6547			CHERRY CANYON	6547
BRUSHY CANYON	8213			BRUSHY CANYON	8213
BRUSHY CANYON A	9243			BRUSHY CANYON A	9243
BONE SPRING LIME	9425			BONE SPRING LIME	9425
AVALON	9823			AVALON	9823
BONE SPRING 1ST	10632			BONE SPRING 1ST	10632
BONE SPRING 2ND	11186			BONE SPRING 2ND	11186
BONE SPRING 3RD	12295			BONE SPRING 3RD	12295
WOLFCAMP	12725			WOLFCAMP	12755

32. Additional remarks (include plugging procedure):

BONE SPRING LIMESTONE 9425
AVALON M 9823
AVALON 10234
FIRST BONE SPRING 10632
FIRST BONE SPRING SHALE 10824
SECOND BONE SPRING 11186
SECOND BONE SPRING BASE 11657
THIRD BONE SPRING 12295

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 #534048 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 (21DMH0032SE)

Name(*please print*) AMANDA AVERY

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 10/14/2020

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 #534048 that would not fit on the form

32. Additional remarks, continued

V SAND	12466	
THIRD BONE SPRING W		12570
WOLFCAMP	12725	
X SAND	12755	
Y SAND	12851	
WOLFCAMP LITH		12873

Revisions to Operator-Submitted EC Data for Well Completion #534048

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM132949	NMNM132949
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 603H	STOVE PIPE FEDERAL COM 603H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 31 T24S R35E Mer NMP	Sec 31 T24S R35E Mer NMP
Surf Loc:	SWSW Lot 4 270FSL 390FWL 32.167467 N Lat, 103.413834 W Lon	SWSW Lot 4 270FSL 390FWL 32.167467 N Lat, 103.413834 W Lon
Field/Pool:	WC-025 G-09 S243532M; WB	MESA VERDE
Logs Run:		
Producing Intervals - Formations:	WOLFBONE	WOLFCAMP WOLFBONE
Porous Zones:	RUSLTER 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:	RUSLTER 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 13803

CONDITIONS OF APPROVAL

Operator:	COG OPERATING LLC	600 W Illinois Ave	Midland, TX79701	OGRID:	229137	Action Number:	13803	Action Type:	C-105
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OCD Reviewer	Condition
plmartinez	None