

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				Contact: AMANDA AVERY E-Mail: aaavery@concho.com		8. Lease Name and Well No. STOVE PIPE FEDERAL COM 706H	
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. 30-025-46503-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 31 T24S R35E Mer NMP At surface Lot 4 270FSL 360FWL 32.167468 N Lat, 103.413931 W Lon Sec 31 T24S R35E Mer NMP At top prod interval reported below Lot 4 270FSL 360FWL 32.167468 N Lat, 103.413931 W Lon Sec 7 T25S R35E Mer NMP At total depth Lot 4 50FSL 805FWL 32.137828 N Lat, 103.412533 W Lon						10. Field and Pool, or Exploratory MESA VERDE UNKNOWN	
						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 12/03/2019		15. Date T.D. Reached 03/08/2020		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/18/2020		17. Elevations (DF, KB, RT, GL)* 3348 GL	
18. Total Depth: MD 23094 TVD 12495		19. Plug Back T.D.: MD 23015 TVD 12495		20. Depth Bridge Plug Set: MD 23015 TVD 12495			
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	12159	12149						

25. Producing Intervals

23. Producing Interval			24. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
BLANKENBRY-TUBB OIL & GAS			12740 TO 22990		984	OPEN
B) WOLFBONE	12740	22990				
C)						
D)						



26. Perforation Record

23. Producing Intervals			24. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
BLANKENBRY-TUBB OIL & GAS			12740 TO 22990		984	OPEN
B) WOLFBONE	12740	22990				
C)						
D)						



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

Depth Interval	Amount and Type of Material
12740 TO 22990	61,631 GAL 7 1/2%, 20,494,522#SAND, 20,352,977 GAL FLUID

28. Production - Interval A

Date First Produced 09/24/2020	Test Date 09/24/2020	Hours Tested 24	Test Production 	Oil BBL 431.0	Gas MCF 879.0	Water BBL 3006.0	Oil Gravity Corr. API	Gas Gravity	Production Method GAS LIFT
Choke Size 20/64	Tbg. Press. Flwg. 3700 SI	Csg. Press. 3500.0	24 Hr. Rate 	Oil BBL 431	Gas MCF 879	Water BBL 3006	Gas:Oil Ratio 2039	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 431.0	Gas MCF 879.0	Water BBL 3006.0	Oil Gravity Corr. API	Gas Gravity	Production Method GAS LIFT
Choke Size 20/64	Tbg. Press. Flwg. 3700	Csg. Press. 3500.0	24 Hr. Rate 	Oil BBL 431	Gas MCF 879	Water BBL 3006	Gas:Oil Ratio	Well Status POW	

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

ELECTRONIC SUBMISSION #534456 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 TOP OF SALT BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BRUSHY CANYON A	926 1427 5268 5580 5605 6551 8270 9245			RUSTLER TOP OF SALT BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BRUSHY CANYON A	926 1427 5268 5580 5605 6551 8270 9245

32. Additional remarks (include plugging procedure):

BONE SPRING LIMESTONE 9421
FIRST BONE SPRING 10638
FIRST BONE SPRING SHALE 10823
SECOND BONE SPRING 11194
SECOND BONE SPRING BASE 11667
THIRD BONE SPRING 12345

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 #534456 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 (21DMH0034SE)

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 ****

Revisions to Operator-Submitted EC Data for Well Completion #534456

	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 706H	STOVE PIPE FEDERAL COM 706H
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 360FWL 32.167468 N Lat, 103.413931 W Lon	SWSW Lot 4 270FSL 360FWL 32.167468 N Lat, 103.413931 W Lon
Field/Pool:	WC-025 G-09 S243532M; WB	MESA VERDE
Logs Run:		
Producing Intervals - Formations:	WOLFBONE	BLINEBRY-TUBB OIL & GAS 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
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

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 13807

CONDITIONS OF APPROVAL

Operator:	COG OPERATING LLC	600 W Illinois Ave	Midland, TX79701	OGRID:	229137	Action Number:	13807	Action Type:	C-105
OCD Reviewer	Condition								
plmartinez	None								