

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.	NMNM136223
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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: aavery@concho.com						8. Lease Name and Well No. PITCHBLEND FED 19-30 038H	
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. 30-025-45653-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 19 T25S R35E Mer NMP NENE 450FNL 710FEL 32.121914 N Lat, 103.400383 W Lon At top prod interval reported below Sec 19 T25S R35E Mer NMP NENE 450FNL 710FEL At total depth Sec 30 T25S R35E Mer NMP SENE 2589FNL 1169FEL						10. Field and Pool, or Exploratory WILDCAT BONE SPRING UNKNOWN	
						11. Sec., T., R., M., or Block and Survey or Area Sec 19 T25S R35E Mer NMP	
						12. County or Parish LEA	
						13. State NM	
14. Date Spudded 01/04/2020		15. Date T.D. Reached 02/04/2020		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/23/2020		17. Elevations (DF, KB, RT, GL)* 3330 GL	
18. Total Depth:		MD 19991 TVD 12394		19. Plug Back T.D.:		MD 19830 TVD 12394	
20. Depth Bridge Plug Set:						MD 19905 TVD 12394	
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	11558	11548						

25. Producing Intervals

23. Producing Intervals			24. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
BRUSHY CANYON LOWER			12580 TO 19822			OPEN
B) DELAWARE	12580	19822				
C)						
D)						



26. Perforation Record

23. Producing Intervals			24. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
BRUSHY CANYON LOWER			12580 TO 19822			OPEN
B) DELAWARE	12580	19822				
C)						
D)						



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

Depth Interval	Amount and Type of Material
12580 TO 19822	57918 7 1/2%; 14,721,240# SAND; 14,875,619 GAL /CAT 3 FLUID

28. Production - Interval A

Date First Produced 11/12/2020	Test Date 11/12/2020	Hours Tested 24	Test Production 	Oil BBL 1000.0	Gas MCF 1920.0	Water BBL 2084.0	Oil Gravity Corr. API	Gas Gravity	Production Method GAS LIFT
Choke Size 15/64	Tbg. Press. Flwg. 3990 SI	Csg. Press. 3026.0	24 Hr. Rate 	Oil BBL 1000	Gas MCF 1920	Water BBL 2084	Gas:Oil Ratio 1920	Well Status POW	

28a. Production - Interval B

Date First Produced 11/12/2020	Test Date 11/12/2020	Hours Tested 24	Test Production 	Oil BBL 1000.0	Gas MCF 1920.0	Water BBL 2084.0	Oil Gravity Corr. API	Gas Gravity	Production Method GAS LIFT
Choke Size 15/64	Tbg. Press. Flwg. 3990 SI	Csg. Press. 3026.0	24 Hr. Rate 	Oil BBL 1000	Gas MCF 1920	Water BBL 2084	Gas:Oil Ratio	Well Status POW	

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

ELECTRONIC SUBMISSION #538873 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.)
CAPTURED

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	921			RUSTLER	921
TOP OF SALT	1443			TOP OF SALT	1443
BASE OF SALT	5157			BASE OF SALT	5157
LAMAR	5455			LAMAR	5455
BELL CANYON	5481			BELL CANYON	5481
CHERRY CANYON	6452			CHERRY CANYON	6452
BRUSHY CANYON	9119			BRUSHY CANYON	9119
BRUSHY CANYON A	9119			BRUSHY CANYON A	9119

32. Additional remarks (include plugging procedure):

BONE SPRING LIMESTONE 9299
 AVALON M 9685
 AVALON L 10083
 FIRST BONE SPRING 10469
 FIRST BONE SPRING SHALE 10642
 SECOND BONE SPRING 10985
 SECOND BONE SPRING BASE 11545
 THIRD BONE SPRING 12136

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 #538873 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 (21DMH0036SE)

Name (please print) AMANDA AVERY

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 12/01/2020

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 #538873 that would not fit on the form

32. Additional remarks, continued

V SAND 12356
THIRD BONE SPRING 12512

Revisions to Operator-Submitted EC Data for Well Completion #538873

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM136223	NMNM136223
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:	PITCHBLENDE 10 30 FEDERAL 38H	PITCHBLENDE FED 19-30 038H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 19 T25S R35E Mer NMP	Sec 19 T25S R35E Mer NMP
Surf Loc:	Lot A 450FNL 710FEL	NENE 450FNL 710FEL 32.121914 N Lat, 103.400383 W Lon
Field/Pool:	DOGIE DRAW	WILDCAT BONE SPRING
Logs Run:		
Producing Intervals - Formations:	DELAWARE	BRUSHY CANYON LOWER DELAWARE
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 13816

CONDITIONS OF APPROVAL

Operator:	COG OPERATING LLC	600 W Illinois Ave	Midland, TX79701	OGRID:	229137	Action Number:	13816	Action Type:	C-105
OCD Reviewer	Condition								
plmartinez	None								