

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other				5. Lease Serial No. NMNM136223	
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	
2. Name of Operator COG OPERATING LLC				Contact: AMANDA AVERY E-Mail: aavery@concho.com	
3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287				3a. Phone No. (include area code) Ph: 575-748-6940	
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				8. Lease Name and Well No. PITCHBLEND FED 19-30 038H	
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				9. API Well No. 30-025-45653-00-S1	
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				10. Field and Pool, or Exploratory WILDCAT BONE SPRING	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)				11. Sec., T., R., M., or Block and Survey or Area Sec 19 T25S R35E Mer NMP	
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)				12. County or Parish LEA	
23. Casing and Liner Record (Report all strings set in well)				13. State NM	
17. Elevations (DF, KB, RT, GL)* 3330 GL					

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	10.750 J55	45.5	0	1028		893		0	
8.750	7.625 P110	29.7	0	11820		1625		0	
6.750	5.500 P110	18.0	0	19976		1605		0	

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						

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
B) BRUSHY CANYON LOWER			12580 TO 19822			OPEN
B) DELAWARE	12580	19822				
C)						
D)						

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/12/2020	11/12/2020	24	→	1000.0	1920.0	2084.0			GAS LIFT

Choke Size	Tbg. Press. Flwg. 3990 SI	Csg. Press. 3026.0	24 Hr. Rate → <td>Oil BBL 1000</td> <td>Gas MCF 1920</td> <td>Water BBL 2084</td> <td>Gas:Oil Ratio 1920</td> <td>Well Status POW</td>	Oil BBL 1000	Gas MCF 1920	Water BBL 2084	Gas:Oil Ratio 1920	Well Status POW
------------	---------------------------	--------------------	--	--------------	--------------	----------------	--------------------	-----------------

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/12/2020	11/12/2020	24	→	1000.0	1920.0	2084.0			GAS LIFT

Choke Size	Tbg. Press. Flwg. 3990 SI	Csg. Press. 3026.0	24 Hr. Rate → <td>Oil BBL 1000</td> <td>Gas MCF 1920</td> <td>Water BBL 2084</td> <td>Gas:Oil Ratio</td> <td>Well Status POW</td>	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.

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: County: S/T/R: Surf Loc:	NM LEA Sec 19 T25S R35E Mer NMP Lot A 450FNL 710FEL	NM LEA Sec 19 T25S R35E Mer NMP 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