

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
---------------------	------------

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	
2. Name of Operator COG OPERATING LLC						7. Unit or CA Agreement Name and No.	
Contact: AMANDA AVERY E-Mail: aavery@concho.com						8. Lease Name and Well No. PITCHBLENDE FED 19-30 037H	
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. 30-025-45652-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 19 T25S R35E Mer NMP NWNE 250FNL 2035FEL 32.122477 N Lat, 103.404669 W Lon Sec 19 T25S R35E Mer NMP At top prod interval reported below NWNE 250FNL 2035FEL 32.122477 N Lat, 103.404669 W Lon Sec 30 T25S R35E Mer NMP At total depth SWNE 2588FNL 2454FEL 32.101525 N Lat, 103.405997 W Lon						10. Field and Pool, or Exploratory WILDCAT;WOLFCAMP 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 01/07/2020		15. Date T.D. Reached 02/10/2020		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/25/2020		17. Elevations (DF, KB, RT, GL)* 3337 GL	
18. Total Depth: MD 20312 TVD 12699		19. Plug Back T.D.: MD 20227 TVD 12699		20. Depth Bridge Plug Set: MD 20227 TVD 12699			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 3337 GL				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	11607	11597						

25. Producing Intervals

23. Producing Intervals			24. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BRUSHY CANYON			12779 TO 20202			OPEN
B) WOLFCAMP	12778	20202				
C)						
D)						



26. Perforation Record

23. Producing Intervals			24. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BRUSHY CANYON			12779 TO 20202			OPEN
B) WOLFCAMP	12778	20202				
C)						
D)						



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

Depth Interval	Amount and Type of Material
12779 TO 20202	57498 7 1/2%; 15,233,960 # SAND; 15,162,441 GAL FLUID

28. Production - Interval A

Date First Produced 11/14/2020	Test Date 11/14/2020	Hours Tested 24	Test Production 	Oil BBL 105.0	Gas MCF 99.0	Water BBL 964.0	Oil Gravity Corr. API	Gas Gravity	Production Method GAS LIFT
Choke Size 13/64	Tbg. Press. Flwg. 4200	Csg. Press. SI 1275.0	24 Hr. Rate 	Oil BBL 105	Gas MCF 99	Water BBL 964	Gas:Oil Ratio 1	Well Status POW	

28a. Production - Interval B

Date First Produced 11/14/2020	Test Date 11/14/2020	Hours Tested 24	Test Production 	Oil BBL 105.0	Gas MCF 99.0	Water BBL 964.0	Oil Gravity Corr. API	Gas Gravity	Production Method GAS LIFT
Choke Size 13/64	Tbg. Press. Flwg. 4200	Csg. Press. SI 1275.0	24 Hr. Rate 	Oil BBL 105	Gas MCF 99	Water BBL 964	Gas:Oil Ratio	Well Status POW	

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

ELECTRONIC SUBMISSION #539044 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	935 1462 5175 5481 5514 6448 7999 9141			RUSTLER TOP OF SALT BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BRUSHY CANYON A	935 1462 5175 5481 5514 6448 7999 9141

32. Additional remarks (include plugging procedure):

BONE SPRING LIMESTONE 9317
AVALON M 9699
AVALON L 10090
FIRST BONE SPRING 10471
FIRST BONE SPRING SHALE 10647
SECOND BONE SPRING 11011
SECOND BONE SPRING BASE 11557
THIRD BONE SPRING 12118

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 #539044 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 (21DMH0039SE)

Name(*please print*) AMANDA AVERY

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 12/02/2020

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 #539044 that would not fit on the form

32. Additional remarks, continued

V SAND	12280
THIRD BONE SPRING	12365
WOLFCAMP	12495
WOLFCAMP LITH	12612

Revisions to Operator-Submitted EC Data for Well Completion #539044

	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 19 30 FEDERAL 37H	PITCHBLENDE FED 19-30 037H
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 B 250FNL 2035FEL 32.122477 N Lat, 103.404669 W Lon	Lot B 250FNL 2035FEL 32.122477 N Lat, 103.404669 W Lon
Field/Pool:	DOGIE DRAW; DELAWARE	WILDCAT;WOLFCAMP
Logs Run:		3337 GL
Producing Intervals - Formations:	WOLFCAMP	BRUSHY CANYON WOLFCAMP
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 13873

CONDITIONS OF APPROVAL

Operator:	COG OPERATING LLC	600 W Illinois Ave	Midland, TX79701	OGRID:	229137	Action Number:	13873	Action Type:	C-105
OCD Reviewer	Condition								
plmartinez	None								