

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.
NMNM123532

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

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 25 T24S R34E Mer NMP SWSW 340FSL 1030FWL 32.182132 N Lat, 103.428912 W Lon**
At top prod interval reported below **Sec 25 T24S R34E Mer NMP SWSW 340FSL 1030FWL 32.182132 N Lat, 103.428912 W Lon**
At total depth **Sec 24 T24S R34E Mer NMP NWNW 226FNL 954FWL 32.209650 N Lat, 103.429115 W Lon**

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. _____

8. Lease Name and Well No. **BASEBALL CAP FEDERAL COM 607H**

9. API Well No. **30-025-45786-00-S1**

10. Field and Pool, or Exploratory **RED HILLS-BONE SPRINGS**

11. Sec., T., R., M., or Block and Survey or Area **Sec 25 T24S R34E Mer NMP**

12. County or Parish **LEA** 13. State **NM**

14. Date Spudded **05/12/2019** 15. Date T.D. Reached **07/19/2019** 16. Date Completed D & A Ready to Prod. **02/14/2020**

17. Elevations (DF, KB, RT, GL)* **3423 GL**

18. Total Depth: MD **22375** TVD **12560** 19. Plug Back T.D.: MD **22240** TVD **12560** 20. Depth Bridge Plug Set: MD **22240** TVD **12560**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **3423 GL**

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

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	1310		950		0	
9.875	7.625 P110	29.7	0	12014	5369	1950		0	
6.750	5.500 P110	23.0	0	22355		1650		0	

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	12007	11997						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	12888	22130	12888 TO 22130		1470	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12888 TO 22130	SEE ATTACHED INFORMATION

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/19/2020	02/19/2020	24	→	815.0	1269.0	1947.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
20/64	SI 3400	2000.0	→	815	1269	1947		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
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

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

ELECTRONIC SUBMISSION #507793 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	927			RUSTLER	927
TOP OF SALT	1471			TOP OF SALT	1471
BASE OF SALT	5299			BASE OF SALT	5299
LAMAR	5542			LAMAR	5542
BELL CANYON	5569			BELL CANYON	5569
CHERRY CANYON	6556			CHERRY CANYON	6556
BRUSHY CANYON	8173			BRUSHY CANYON	8173
BONE SPRING 2ND	9399			BONE SPRING 2ND	9399

32. Additional remarks (include plugging procedure):

FIRST BONE SPRING 10629
SECOND BONE SPRING 11240
THIRD BONE SPRING 12284

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 #507793 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by DINAH NEGRETE on 04/17/2020 (20DCN0021SE)**

Name (please print) AMANDA AVERY Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) Date 03/19/2020

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.

Revisions to Operator-Submitted EC Data for Well Completion #507793

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM123532	NMNM123532
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 AUTHORIZED REPRESENTATIVE 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 AUTHORIZED REPRESENTATIVE E-Mail: aavery@concho.com Ph: 575-748-6940
Well Name: Number:	BASEBALL CAP FEDERAL COM 607H	BASEBALL CAP FEDERAL COM 607H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 25 T24S R34E Mer NMP	Sec 25 T24S R34E Mer NMP
Surf Loc:	SWSW Lot M 340FSL 1030FWL 32.182132 N Lat, 103.428912 W Lon	SWSW Lot M 340FSL 1030FWL 32.182132 N Lat, 103.428912 W Lon
Field/Pool:	RED HILLS; BONE SPRING N	RED HILLS-BONE SPRINGS
Logs Run:		3423 GL
Producing Intervals - Formations:	BONE SPRING	BONE SPRING
Porous Zones:	RUSTLER TOP OF SALT BOTTOM OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING LIMESTONE	RUSTLER TOP OF SALT BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING 2ND
Markers:	RUSTLER TOP OF SALT BOTTOM OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING LIMESTONE	RUSTLER TOP OF SALT BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING 2ND