

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM116047

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Drift
 Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
COG PRODUCTION LLC
Contact: AMANDA AVERY
E-Mail: aavery@concho.com

8. Lease Name and Well No.
SMALLS FEDERAL 2H

3. Address 2208 W MAIN STREET
ARTESIA, NM 88210
3a. Phone No. (include area code)
Ph: 575-748-6940

9. API Well No.
30-025-43064-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)
 At surface SWSE 190FSL 1980FEL
 At top prod interval reported below SWSE 190FSL 1980FEL
 At total depth NWNE 330FNL 2019FEL

10. Field and Pool, or Exploratory
WC025G06S223421L-BONE SPRING

11. Sec., T., R., M., or Block and Survey
or Area Sec 28 T22S R34E Mer NMP

12. County or Parish
LEA
13. State
NM

14. Date Spudded
02/16/2018
15. Date T.D. Reached
03/16/2018
16. Date Completed
 D & A Ready to Prod.
06/02/2018

17. Elevations (DF, KB, RT, GL)*
3406 GL

18. Total Depth: MD 15778 TVD 11253
19. Plug Back T.D.: MD 15725 TVD 11253

20. Depth Bridge Plug Set: MD 15725 TVD 11253

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
3406 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
20.000	16.000 J55	75.0		2136		2220		0	
14.750	11.750 J55	47.0		3741		1800		0	
10.625	8.625 L80	32.0		5248	3888	2157		4058	
7.875	5.500 P110	20.0		15763		2200		6224	

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	10567	10530						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	11408	15700	11408 TO 15700	0.000	838	Open - Bone Spring
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/02/2018	06/02/2018	24	→	417.0	622.0	942.0			FLOW FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24/64	SI 3400	2150.0	→	417	622	942		POW	

ACCEPTED FOR RECORD
 SEP 30 2018
 BUREAU OF LAND MANAGEMENT
 CARLSBAD FIELD OFFICE

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 #434226 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
 ** BLM REVISED **

Reclamation Due: 12/2/2018

KZ

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	2261	2261		RUSTLER	2261
TOP OF SALT	2501	2501		TOP OF SALT	2501
BASE OF SALT	3560	3560		BASE OF SALT	3560
YATES	3634	3634		YATES	3634
SEVEN RIVERS	3822	3822		SEVEN RIVERS	3822
CAPITAN REEF	3997	3997		CAPITAN REEF	3991
LAMAR LS	5258	5258		LAMAR LS	5258
BELL CANYON	5338	5338		BELL CANYON	5338

32. Additional remarks (include plugging procedure):

CYCN 5952 5952
 BYCN 7170 7170
 BSGL 8482 8482
 FBSG 9567 9567
 SBSG 10059 10059
 TBSG 10958 10958

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 #434226 Verified by the BLM Well Information System.
 For COG PRODUCTION LLC, sent to the Hobbs
 Committed to AFMSS for processing by DUNCAN WHITLOCK on 09/11/2018 (18DW0259SE)**

Name (please print) AMANDA AVERY Title AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission) Date 09/07/2018

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 ****