

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM112942

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back 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. **WHITE FALCON 16 FEDERAL COM 21H**

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 16 T25S R35E Mer NMP NENW 226FNL 2020FWL 32.137016 N Lat, 103.374496 W Lon**
 At top prod interval reported below **Sec 16 T25S R35E Mer NMP NENW 226FNL 2020FWL**
 At total depth **Sec 21 T25S R35E Mer NMP SESW 200FSL 2325FWL 32.109177 N Lat, 103.373558 W Lon**

9. Well No. **30-025-43931-00-S1**
 10. Field and Pool, or Exploratory Area **DOGIE DRAW-WOLFCAMP**
 11. Sec., T., R., M., or Block and Survey **Sec 16 T25S R35E Mer NMP**
 12. County or Parish **LEA** 13. State **NM**

14. Date Spudded **11/14/2017** 15. Date T.D. Reached **12/27/2017** 16. Date Completed D & A Ready to Prod. **07/22/2018**

17. Elevations (DF, KB, RT, GL)* **3246 GL**

18. Total Depth: MD **22492** TVD **12513** 19. Plug Back T.D.: MD **22355** TVD **12513** 20. Depth Bridge Plug Set: MD **22375** TVD **12513**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **3246 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
30.000	20.000 J-55	133.0	0	120		250		0	
17.500	13.375 L-80	68.0	0	1015		1600		0	
12.250	9.625 P-110	47.0	0	11712	5208	2575		0	
8.500	5.500 P-110	23.0	0	22490		4300		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	11886	11879						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12683	22275	12683 TO 22275	0.000	2560	OPEN
B)			22340 TO 22350		60	OPEN
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material

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
07/22/2018	07/22/2018	24	→	796.0	599.0	1658.0			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
14/64	SI 4000	2300.0	→	796	599	1658		PCW	

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		→						

ACCEPTED FOR RECORD
 GAS LIFT
DEC 20 2018
[Signature]
 BUREAU OF LAND MANAGEMENT
 CARLSBAD FIELD OFFICE

Reclamation Due: 1/22/2019

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	797	797		RUSTLER	797
TOP OF SALT	1142	1142		TOP OF SALT	1142
BASE OF SALT	4948	4947		BASE OF SALT	4948
LAMAR LS	5328	5327		LAMAR LS	5328
CHERRY CANYON	6268	6267		CHERRY CANYON	6268
BRUSHY CANYON	7762	7760		BRUSHY CANYON	7762
BONE SPRING 1ST	10340	10340		BONE SPRING 1ST	10340
BONE SPRING 2ND	10839	10839		BONE SPRING 2ND	10839

32. Additional remarks (include plugging procedure):

SBSG SAND 10839 - 10836
TBSG 11971 - 11966
WFMP 12422 - 12339

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 #431221 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by DUNCAN WHITLOCK on 09/06/2018 (18DW0247SE)

Name (please print) AMANDA AVERY Title AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission) Date 08/14/2018

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 ****