

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

5. Lease Serial No.
NMNM101608

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

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

2. Name of Operator: COG OPERATING LLC Contact: STORMI DAVIS

3. Address: ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287 3a. Phone No. (include area code) Ph: 575.748.6946

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: SESW 190FSL 1650FWL 32.138161 N Lat, 103.358604 W Lon
At top prod interval reported below: Sec 10 T25S R35E Mer NMP
At total depth: NESW 2438FSL 1979FWL

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. _____

8. Lease Name and Well No. MONTERA FEDERAL 23H

9. API Well No. 30-025-43924-00-S1

10. Field and Pool, or Exploratory WOLFCAMP

11. Sec., T., R., M., or Block and Survey or Area Sec 10 T25S R35E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 12/04/2017 15. Date T.D. Reached 01/11/2018 16. Date Completed D & A Ready to Prod. 05/02/2018

17. Elevations (DF, KB, RT, GL)* 3221 GL

18. Total Depth: MD 19659 TVD 12315 19. Plug Back T.D.: MD 19550 TVD 12308 20. Depth Bridge Plug Set: MD 19550 TVD 12308

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE

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

AUG 16 2018
RECEIVED

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
13.500	10.750 L80	45.5	0	1000		750		0	
6.750	5.500 P110	23.0	0	11163		1565		0	
9.875	7.625 P110	29.7	0	11694	5246	1825		0	
6.750	5.000 P110	18.0	11163	19650					

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	11382	11374						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12558	19525	12558 TO 19468	0.000	2024	OPEN
B)			19515 TO 19525		60	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
12558 TO 19468	SEE ATTACHED

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
05/04/2018	05/05/2018	24	→	403.0	163.0	2325.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
17/64	SI 3800	2200.0	→	403	163	2325			

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
AUG 11 2018
Mirah Negrete
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #421024 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

Reclamation Due: 11/2/2018

K2

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
DELAWARE	5241	5274		RUSTLER	729
BELL CANYON	5275	6244		TOP OF SALT	1076
CHERRY CANYON	6245	7715		BASE OF SALT	4841
BRUSHY CANYON	7716	8955		DELAWARE	5241
BONE SPRING LIME	8956	10285		BELL CANYON	5275
BONE SPRING 1ST	10286	10882		CHERRY CANYON	6245
BONE SPRING 2ND	10883	11897		BRUSHY CANYON	7716
BONE SPRING 3RD	11898	12394		BONE SPRING LIME	8956

32. Additional remarks (include plugging procedure):
Additional Tops: Wolfcamp 12395'

Perfs-Stimulation and Surveys attached.

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 #421024 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by DUNCAN WHITLOCK on 05/25/2018 (18DW0180SE)**

Name (please print) STORMI DAVIS Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 05/22/2018

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.