

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**HOBBS OCD**  
OCD Hobbs

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

AUG 06 2018

Lease Serial No.  
NMNM119277

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

b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Reserv.  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: NENE 210FNL 1300FEL 32.093685 N Lat, 103.555855 W Lon  
At top prod interval reported below: NENE 330FNL 990FEL 32.093357 N Lat, 103.554855 W Lon  
At total depth: SESE 230FSL 980FEL 32.065796 N Lat, 103.552719 W Lon

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. NMNM137333

8. Lease Name and Well No. COLUMBUS FEDERAL COM 22H

9. API Well No. 30-025-43693-00-S1

10. Field and Pool, or Exploratory WILDCAT;WOLFCAMP

11. Sec., T., R., M., or Block and Survey or Area Sec 34 T25S R33E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 04/06/2017 15. Date T.D. Reached 05/30/2017 16. Date Completed  D & A  Ready to Prod. 03/10/2018

17. Elevations (DF, KB, RT, GL)\* 3325 GL

18. Total Depth: MD 22360 TVD 12483 19. Plug Back T.D.: MD 22257 TVD 12483 20. Depth Bridge Plug Set: MD 22257 TVD 12483

RECEIVED

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)

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
26.000	20.000 K55	106.5	0	1110		1750		0	
17.500	13.375 L80	68.0	0	5014		3400		0	
12.250	9.625 L80	47.0	0	11760		1600		0	
8.500	5.500 P110	23.0	0	22330		3800		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	11973	11957						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12639	22235	12639 TO 22235	0.000	2816	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12639 TO 22235	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
03/11/2018	03/11/2018	24	→	93.0	587.0	2015.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
18/64	SI 4500	1800.0	→	93	587	2015		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		→						

ACCEPTED FOR RECORD

JUL 22 2018

*Dinal Negrete*

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #409534 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* BLM REVISED \*\*

Reclamation Due: 9/10/2018

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	4963	5018		RUSTLER	1018
BELL CANYON	5019	6038		TOP OF SALT	1403
CHERRY CANYON	6039	7653		BASE OF SALT	4695
BRUSHY CANYON	7654	9100		DELAWARE	4963
BONE SPRING LIME	9101	10120		BELL CANYON	5019
BONE SPRING 1ST	10121	10828		CHERRY CANYON	6039
BONE SPRING 2ND	10829	11763		BRUSHY CANYON	7654
BONE SPRING 3RD	11764	12261		BONE SPRING LIME	9101

32. Additional remarks (include plugging procedure):  
Surveys and Perfs/Stimulation are attached.

Additional Tops:

Wolfcamp: 12262'

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 #409534 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Hobbs  
Committed to AFMSS for processing by DUNCAN WHITLOCK on 04/04/2018 (18DW0118SE)**

Name (please print) STORMI DAVIS Title REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission) Date 03/28/2018

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 \*\***