

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs
HOBBS OCD

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

APR 18 2018

5. Lease Serial No.
NMNM17440

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Dir. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

2. Name of Operator
COG OPERATING LLC

Contact: STORMI DAVIS

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
TENDERLOIN FEDERAL COM 4H

3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE
MIDLAND, TX 79701-4287

3a. Phone No. (include area code)
Ph: 575.748.6946

9. API Well No.
30-025-43891-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 12 T22S R33E Mer NMP
SWSW 655FSL 660FWL 32.400784 N Lat, 103.532494 W Lon
At top prod interval reported below Sec 12 T22S R33E Mer NMP
SWSW 330FSL 660FWL 32.399891 N Lat, 103.532494 W Lon
At total depth Lot 4 213FNL 666FWL

10. Field and Pool, or Exploratory
GRAMA RIDGE

11. Sec., T., R., M., or Block and Survey
or Area Sec 12 T22S R33E Mer NMP

12. County or Parish
LEA

13. State
NM

14. Date Spudded
10/01/2017

15. Date T.D. Reached
10/26/2017

16. Date Completed
☐ D & A ☒ Ready to Prod.
02/06/2018

17. Elevations (DF, KB, RT, GL)*
3524 GL

18. Total Depth: MD 20785
TVD 10877

19. Plug Back T.D.: MD 20678
TVD 10877

20. Depth Bridge Plug Set: MD 20678
TVD 10877

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
17.500	13.375 J55	54.5	0	1610		1240		0	
12.250	9.625 L80	40.0	0	5250	3545	2155		0	
8.750	5.500 P110	17.0	0	20785		3530		426	

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	10193	10176						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	11041	20650	11041 TO 20585	0.000	2728	OPEN
B)			20640 TO 20650			60" OPEN
C)			20703 TO 20713			60" UNDER GCP
D)						

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

Depth Interval	Amount and Type of Material
11041 TO 20585	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
02/09/2018	02/14/2018	24	→	280.0	336.0	3060.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	1850	2050.0	→	280	336	3060		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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #405199 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Reclamation due: 08/06/2018

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	5089	5992		RUSTLER	1626
CHERRY CANYON	5993	7176		TOP OF SALT	1721
BRUSHY CANYON	7177	8871		BASE OF SALT	3554
BONE SPRING LIME	8872	9987		CAPITAN REEF	3674
BONE SPRING 1ST	9988	10559		DELAWARE	5089
BONE SPRING 2ND	10560	10909		CHERRY CANYON	5993
				BRUSHY CANYON	7177
				BONE SPRING LIME	8872

32. Additional remarks (include plugging procedure):

Additional Tops:

1st Bone Spring: 9988'
2nd Bone Spring: 10560'

Survey and Perfs/Stimulation are 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 #405199 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by DUNCAN WHITLOCK on 02/28/2018 (18DW0078SE)

Name (please print) STORMI DAVIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 02/21/2018

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 ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

TENDERLOIN FEDERAL COM #4H

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
1	2478	312929	324912
2	1512	312117	299082
3	3024	312058	309498
4	3024	312451	292404
5	3024	312092	301350
6	3024	312054	295428
7	3024	309425	296016
8	3024	312041	300720
9	3024	311640	290724
10	3024	312041	306306
11	3024	312655	297906
12	3024	312330	289548
13	3024	312503	321468
14	3024	312108	291816
15	3024	312082	284046
16	3024	312104	287910
17	3024	312678	289170
18	3024	312330	284550
19	3024	312151	287742
20	3024	311178	281988
21	3024	312862	292236
22	3024	312088	285474
23	3024	312059	281106
24	3024	312881	281148
25	3024	312235	280560
26	2982	313502	281190
27	3024	312724	278166
28	3024	310791	278082
29	3024	312431	278342
30	3024	312032	276192
31	3024	313057	271908
32	3024	312489	275982
33	3024	312850	276780
34	3024	312640	285978
35	3024	312521	284676
36	3024	312046	270144
37	3024	312234	272916
38	4536	312039	289296
39	3024	313562	272286
40	3024	250200	240618
41	3024	313324	272412
42	3024	312039	274302
43	3024	312937	267330
44	3024	312247	271362
45	3024	312153	270858
46	3024	312106	270312
47	3024	312051	266868
48	3024	312517	262374
49	3024	313365	270438
50	3024	313035	270816
51	3024	307558	273294
52	3024	313007	266406
53	3024	315227	265188
54	4536	312778	309624
55	3024	312050	266070
56	3024	311057	262920
57	3024	312528	263424
58	3024	312680	267666
59	3024	312097	261366
60	3024	312049	261660
61	3024	312005	331632
62	3024	311975	267414
Totals	188,412	19,298,995	17,479,400