

NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JAN 28 2015

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

WELL COMPLETION OR RECOMPLETION REPORT

5. Lease Serial No.
NNMM12559

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 PRODUCTION LLC
Contact: STORMI DAVIS
E-Mail: sdavis@concho.com

8. Lease Name and Well No.
BRUTUS 12 FEDERAL 1H

3. Address 2208 W MAIN ST
ARTESIA, NM 88210

3a. Phone No. (include area code)
Ph: 575-748-6946

9. API Well No.
30-015-42609

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 12 T26S R28E Mer NMP
At surface SESE 300FSL 500FEL
At top prod interval reported below
Sec 12 T26S R28E Mer NMP
At total depth NENE 331FNL 673FEL

10. Field and Pool, or Exploratory
RED BLUFF; BONE SPRING S

11. Sec., T., R., M., or Block and Survey
or Area Sec 12 T26S R28E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
10/26/2014

15. Date T.D. Reached
11/13/2014

16. Date Completed
☐ D & A ☒ Ready to Prod.
12/15/2014

17. Elevations (DF, KB, RT, GL)*
2936 GL

18. Total Depth: MD 12718
TVD 8414

19. Plug Back T.D.: MD 12670
TVD 8414

20. Depth Bridge Plug Set: MD 12670
TVD 8414

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNL, LATEROLOG

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	442		450		0	
12.250	9.625 J55	36.0	0	2705		900		0	
7.875	5.500 P110	17.0	0	12718		2500		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	8572	7799						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8591	12630	8591 TO 12570	0.430	504	OPEN
B)			12620 TO 12630		60	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
8591 TO 12570	SEE IN REMARKS

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
12/21/2014	01/25/2015	24	→	703.0	1566.0	1957.0			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	
36/64	700		→	703	1566	1957		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 #289491 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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.)
FLARED

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
LAMAR	2680	2722		TOS	744
BELL CANYON	2723	3572		BOS	2489
CHERRY CANYON	3573	4819		LAMAR	2680
BRUSHY CANYON	4820	6429		BELL CANYON	2723
BONE SPRING LM	6430	7340		CHERRY CANYON	3573
1ST BONE SPRING	7341	8223		BRUSHY CANYON	4820
2ND BONE SPRING	8224	9184		BONE SPRING LM	6430
3RD BONE SPRING	9185	9546		1ST BONE SPRING	7341

32. Additional remarks (include plugging procedure):

Perfs 7 1/2" Sand (#) Fluid (gal)
 12376-12570' 6990 454060 501330
 12085-12279' 5999 453846 370978
 11794-11988' 5999 469940 386267
 11498-11697' 5999 457260 371987
 11211-11405' 5982 451002 371466
 10924-11114' 5999 451688 369215
 10629-10823' 5982 453239 369077

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 #289491 Verified by the BLM Well Information System.
 For COG PRODUCTION LLC, sent to the Carlsbad

Name (please print) STORMI DAVIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 01/27/2015

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.

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Additional data for transaction #289491 that would not fit on the form

32. Additional remarks, continued

10341-10532' 5999 458421 370055
10047-10241' 5999 456080 372953
9756-9950' 5999 457475 364805
9464-9653' 5999 451908 369383
9173-9367' 5999 447855 381437
8882-9076' 5999 437788 364197
8591-8785' 5999 443515 354143
Totals 84945 6344077 5317294

Additional Tops:
2nd Bone Spring 8224
3rd Bone Spring 9185
Wolfcamp 9547

Surveys are attached. Logs mailed to Carlsbad BLM.