

# NM OIL CONSERVATION

ARTESIA DISTRICT

JAN 28 2015

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

## WELL COMPLETION OR RECOMPLETION REPORT RECEIVED

5. Lease Serial No.  
NMMN12559

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator COG PRODUCTION LLC		Contact: STORMI DAVIS E-Mail: sdavis@concho.com	
3. Address 2208 W MAIN ST ARTESIA, NM 88210		3a. Phone No. (include area code) Ph: 575-748-6946	
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		8. Lease Name and Well No. BRUTUS 12 FEDERAL 1H	
14. Date Spudded 10/26/2014		15. Date T.D. Reached 11/13/2014	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/15/2014		9. API Well No. 30-015-42609	
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		10. Field and Pool, or Exploratory RED BLUFF; BONE SPRING S	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL, LATEROLOG		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	
		17. Elevations (DF, KB, RT, GL)* 2936 GL	

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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
36/64	700 SI		→	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.	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.

**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.