

NOV 06 2014

Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

RECEIVED

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM123528

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

8. Lease Name and Well No.  
SEBASTIAN FEDERAL COM 3H

3. Address 2208 W MAIN ST  
ARTESIA, NM 88210

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

9. API Well No.  
30-025-41688

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 Sec 18 T24S R34E Mer NMP  
 At surface NWNE 190FNL 1770FEL  
 At top prod interval reported below  
 Sec 18 T24S R34E Mer NMP  
 At total depth SWSE 354FSL 1752FEL

10. Field and Pool, or Exploratory  
RED HILLS; BONE SPRING, N11. Sec., T., R., M., or Block and Survey  
or Area Sec 18 T24S R34E Mer NMP12. County or Parish  
LEA13. State  
NM14. Date Spudded  
08/03/201415. Date T.D. Reached  
08/25/201416. Date Completed  
☐ D & A ☒ Ready to Prod.  
10/13/201417. Elevations (DF, KB, RT, GL)\*  
3583 GL18. Total Depth: MD 15469  
TVD 1105519. Plug Back T.D.: MD 15395  
TVD 1105220. Depth Bridge Plug Set: MD 15395  
TVD 1105221. 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	1375		1050		0	
12.250	9.625 J55	40.0	0	5169		1450		0	
7.875	5.500 P110	17.0	0	15457	6801	3250		1430	

## 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	10387	10377						

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	11154	15365	11154 TO 15365	0.430	396	OPEN - SEE REMARKS
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11154 TO 15365	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
10/16/2014	10/26/2014	24	→	780.0	792.0	1657.0			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	
	210		→	780	792	1657		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 #275099 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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## 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
LAMAR	5164	5185		RUSTLER	1221
BELL CANYON	5186	6156		TOP OF SALT	1322
CHERRY CANYON	6157	7497		BOTTOM OF SALT	4901
BRUSHY CANYON	7498	8895		LAMAR	5164
BONE SPRING LM	8896	9962		BELL CANYON	5186
1ST BONE SPRING	9963	10404		CHERRY CANYON	6157
2ND BONE SPRING	10405	11055		BRUSHY CANYON	7498
				BONE SPRING LM	8896

## 32. Additional remarks (include plugging procedure):

Perfs 7 1/2%(Gal) Sand(#) Fluid(Gal)  
 15102-15365' 4618 597334 655074  
 14707-14970' 6321 601067 436926  
 14312-14575' 6497 601155 419202  
 13917-14181' 6008 600310 427308  
 13523-13786' 5951 597687 424494  
 13128-13391' 6001 597390 419748  
 12733-12996' 5998 600855 422688

## 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 #275099 Verified by the BLM Well Information System.  
 For COG OPERATING LLC, sent to the Hobbs

Name (please print) STORMI DAVISTitle REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission)

Date 10/31/2014

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**Additional data for transaction #275099 that would not fit on the form**

**32. Additional remarks, continued**

12338-12602' 6063 601370 421638  
11944-12207' 5974 602671 420588  
11549-11812' 5980 602671 420168  
11154-11417' 5363 443390 419076  
Totals 64774 6445900 4886910

**Additional tops:**

1st Bone Spring 9963  
2nd Bone Spring 10405