

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTNMOC  
HobbsFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM1160471a. 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 LLCContact: STORMI DAVIS  
E-Mail: sdavis@concho.com8. Lease Name and Well No.  
SMALLS FEDERAL 8H3. Address  
2208 W MAIN STREET  
ARTESIA, NM 882103a. Phone No. (include area code)  
Ph: 575-748-69469. API Well No.  
30-025-43069-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface Sec 28 T22S R34E Mer NMP  
SWSW 190FSL 413FWL

At top prod interval reported below

At total depth Sec 28 T22S R34E Mer NMP  
NWNW 255FNL 370FWL10. Field and Pool, or Exploratory  
WC025G06S223421L-BONE SPRING11. Sec., T., R., M., or Block and Survey  
or Area Sec 28 T22S R34E Mer NMP12. County or Parish  
LEA13. State  
NM14. Date Spudded  
10/14/201615. Date T.D. Reached  
11/03/201616. Date Completed  
☐ D & A ☒ Ready to Prod.  
01/20/201717. Elevations (DF, KB, RT, GL)\*  
3416 GL18. Total Depth: MD 14919  
TVD 1036219. Plug Back T.D.: MD 14760  
TVD 1036020. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
NONE22. 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
20.000	16.000 J-55	75.0	0	2160		2100		0	
14.750	11.750 J-55	47.0	0	3770		1700		0	
10.625	8.625 K-55	32.0	0	5180	3876	1700		0	
7.875	5.500 P-110	17.0	0	14913		2150		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	9857	9848						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING 2ND	10465	14746	10465 TO 14690	0.000	1188	OPEN
B)			14736 TO 14746		60	OPEN
C)						
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
10465 TO 14690	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
01/20/2017	01/20/2017	24	→	221.0	375.0	1494.0			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	
14/64	2400	1250.0	→	221	375	1494		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 #367423 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

RECLAMATION DUE:  
JUL 20 2017

DAVID R. GLASS

ACCEPTED FOR RECORD  
(DAVID R. GLASS) DAVID R. GLASS

MAR 21 2017

K-2

## 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
CAPITAN REEF	3949	5260		RUSTLER	2411
BELL CANYON	5261	5993		BASE OF SALT	3416
CHERRY CANYON	5994	7162		YATES	3533
BRUSHY CANYON	7163	8482		CAPITAN REEF	3949
BONE SPRING LIME	8483	9517		BELL CANYON	5261
BONE SPRING 1ST	9518	10053		CHERRY CANYON	5994
BONE SPRING 2ND	10465	14746	OIL/GAS/WATER	BRUSHY CANYON	7163
				BONE SPRING LIME	8483
				BONE SPRING 1ST	9518
				BONE SPRING 2ND	10054

32. Additional remarks (include plugging procedure):  
Surveys, perms & stimulation are attached.

Additional Tops:  
1st Bone Spring 9518'  
2nd Bone Spring 10054'

## 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 #367423 Verified by the BLM Well Information System.

For COG PRODUCTION LLC, sent to the Hobbs

Committed to AFMSS for processing by DUNCAN WHITLOCK on 03/13/2017 (17DW0027SE)

Name (please print) STORMI DAVIS

Title PREPARER

Signature (Electronic Submission)

Date 02/17/2017

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 \*\*