

NOV 06 2017

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

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM120908

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.
WINDWARD FEDERAL 9H

3. Address 2208 W MAIN STREET
ARTESIA, NM 88210
3a. Phone No. (include area code)
Ph: 575-748-6946

9. API Well No.
30-025-43566-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 30 T24S R32E Mer NMP
NWNE 210FNL 2000FEL 32.195042 N Lat, 103.711700 W Lon
At top prod interval reported below Sec 30 T24S R32E Mer NMP
NWNE 210FNL 2000FEL 32.195042 N Lat, 103.711700 W Lon
At total depth Sec 31 T24S R32E Mer NMP
SWSE 238FSL 2395FEL

10. Field and Pool, or Exploratory
WC025G06S253206M-BONE SPRING

11. Sec., T., R., M., or Block and Survey
or Area Sec 30 T24S R32E Mer NMP

12. County or Parish
LEA
13. State
NM

14. Date Spudded
02/26/2017
15. Date T.D. Reached
03/20/2017
16. Date Completed
 D & A Ready to Prod.
08/17/2017

17. Elevations (DF, KB, RT, GL)*
3551 GL

18. Total Depth: MD 19091 TVD 9116
19. Plug Back T.D.: MD 19015 TVD 9120
20. Depth Bridge Plug Set: MD 19015 TVD 9120

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	815		730		0	
12.250	9.625 L-80	40.0	0	4635		1540		0	
8.750	5.500 P-110	17.0	0	19086		3705		22	

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	8718	8708						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9398	18990	9398 TO 18990	0.000	2816	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9398 TO 18990	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
08/19/2017	08/21/2017	24	→	195.0	657.0	2856.0			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	
	650	600.0	→	195	657	2856		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	
			→						

ACCEPTED FOR RECORD
OCT 23 2017

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

ELECTRONIC SUBMISSION #388750 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

DAVID R. GLASS
PETROLEUM ENGINEER

RECLAMATION DUE:
FEB 17 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	4596	4622	OIL/GAS/WATER	RUSTLER	826
BELL CANYON	4623	5545		TOP OF SALT	1049
CHERRY CANYON	5546	6873		BASE OF SALT	4373
BRUSHY CANYON	6874	8480		DELAWARE	4596
BONE SPRING LIME	8481	9183		BELL CANYON	4623
BONE SPRING	9398	18990		CHERRY CANYON	5546
				BRUSHY CANYON	6874
			BONE SPRING LIME	8481	

32. Additional remarks (include plugging procedure):
Surveys, perms & 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 #388750 Verified by the BLM Well Information System.
For COG PRODUCTION LLC, sent to the Hobbs
Committed to AFMSS for processing by DAVID GLASS on 10/18/2017 (18DRG0009SE)**

Name (please print) STORMI DAVIS Title PREPARER

Signature _____ (Electronic Submission) Date 09/18/2017

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 ****