

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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

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.
AZORES FEDERAL 4H

3. Address 2208 W MAIN ST
ARTESIA, NM 88210

3a. Phone No. (include area code)
Ph: 575-748-6940

9. API Well No.
30-025-4153

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SWSW 190FSL 660FWL
At top prod interval reported below
Sec 29 T24S R32E Mer NMP
At total depth NWNW 350FNL 595FWL

10. Field and Pool, or Exploratory
WILDCAT; BONE SPRING

11. Sec., T., R., M., or Block and Survey
or Area Sec 29 T24S R32E Mer NMP

12. County or Parish
LEA

13. State
NM

14. Date Spudded
03/26/2014

15. Date T.D. Reached
04/16/2014

16. Date Completed
☐ D & A ☒ Ready to Prod.
06/26/2014

17. Elevations (DF, KB, RT, GL)*
3500 GL

18. Total Depth: MD 15030
TVD 10551

19. Plug Back T.D.: MD 15026
TVD 10551

20. Depth Bridge Plug Set: MD
TVD

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	795		675		0	
12.250	9.625 J55	36.0	0	4524		1250		0	
7.875	5.500 P110	17.0	0	15030		2200		3340	

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	10009	9990						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10717	14940	10717 TO 14880	0.430	396	OPEN - SEE REMARKS
B)			14930 TO 14940		60	OPEN
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
10717 TO 14880	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
06/28/2014	07/10/2014	24	→	1104.0	1643.0	1482.0			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	320		→	1104	1643	1482		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	
SI			→						

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

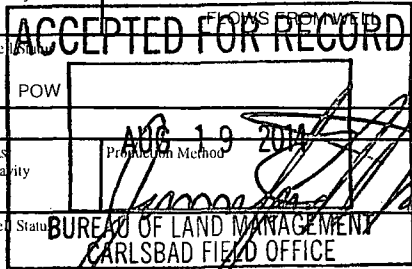
ELECTRONIC SUBMISSION #253499 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

AUG 27 2014

AUG 25 2014

RECEIVED



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	Thg. 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	Thg. 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 BONE SPRING	4579 8472	8471 10551		RUSTLER TOS BOS LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING LM	822 1067 4350 4579 4615 5499 6921 8472

32. Additional remarks (include plugging procedure):

Perfs 7 1/2%(Gal) Sand(#) Fluid(Gal)
 14620-14880' 7056 601285 447804
 14230-14490' 5964 603117 423108
 13839-14099' 6048 602242 426636
 13449-13709' 6006 602815 421638
 13059-13319' 6024 599139 420732
 12668-12929' 6006 600384 418362
 12278-12538' 6048 601604 419244

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 #253499 Verified by the BLM Well Information System.
 For COG PRODUCTION LLC, sent to the Hobbs

Name(please print) STORMI DAVISTitle REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 07/17/2014

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 #253499 that would not fit on the form

32. Additional remarks, continued

11888-12148' 6048 602828 417984
11498-11758' 6048 599235 417648
11107-11367' 5982 599030 414584
10717-10977' 5964 634910 420966

Additional Tops:

1st Bone Spring 9588
2nd Bone Spring 10209

OPERATOR COG Operating
WELL/LEASE Azores Federal #4H
COUNTY Lea, NM

STATE OF NEW MEXICO
DEVIATION REPORT

318	0.38
623	0.22
750	0.43
1265	0.20
1536	0.60
1817	0.60
2100	2.20
2384	2.80
2668	1.30
2951	1.10
3234	1.80
3518	2.00
4085	2.60
4887	0.60
5135	0.70
5388	0.50
5171	0.90
5893	0.80
6430	0.50
6811	0.30
7006	0.10
7284	1.90
7321	1.80
7369	1.40
7594	0.60
7813	0.60
8069	1.10
8285	0.80
8535	1.40
8701	1.90
8987	1.40
9196	2.10
9710	2.00
9867	1.70
10024	2.60

SIGNED BY:

RON SCANDOLARI, VP-CONTRACT DRILLING

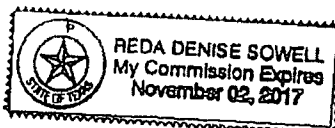
STATE OF TEXAS

COUNTY OF MIDLAND

ON THIS 1 DAY OF 2014, BEFORE ME, R SOWELL, A NOTARY
PUBLIC, PERSONALLY APPEARED RON SCANDOLARI, WHO ACKNOWLEDGED AND EXECUTED
THIS DOCUMENT. WITNESS MY HAND AND OFFICIAL SEAL.

(SEA

SOWELL
Commission Expires
02, 2017



Denise Sowell
NOTARY PUBLIC