

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM12559

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
COTTONMOUTH 23 FEDERAL COM 2H9. API Well No.
30-015-43015-00-S110. Land Pool, or Exploratory
HAY HOLLOW-BONE SPRING11. Sec., T., R., M., or Block and Survey
or Area Sec 22 T26S R28E Mer NMP12. County or Parish
EDDY13. State
NM17. Elevations (DF, KB, RT, GL)*
2980 GL1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other2. Name of Operator
COG PRODUCTION LLCContact: STORMI DAVIS
E-Mail: sdavis@concho.com3. Address 2208 W MAIN STREET
ARTESIA, NM 882103a. Phone No. (Area code)
Ph: 575-748-6946

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

At surface NENE 191FNL 332FEL 32.034516 N Lat, 104.067367 W Lon
At top prod interval reported below NENE
At total depth SWSW 338FSL 961FWL14. Date Spudded
12/24/201515. Date T.D. Reached
01/14/201616. Date Completed
☐ D & A ☒ Ready to Prod.
04/02/201618. Total Depth: MD 12910
TVD 812219. Plug Back T.D.: MD 12806
TVD 812320. Depth Bridge Plug Set: MD 12806
TVD 812321. 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	383		515		0	
12.250	9.625 J-55	40.0	0	2558		900		0	
8.750	5.500 P-110	17.0	0	12910	2950	2775		1810	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8339	12787	8339 TO 12787	0.430	504	OPEN
B)			12837 TO 12847		60	UNDER CBP @ 12806'
C)						
D)						

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

Depth Interval	Amount and Type of Material
8339 TO 12787	SEE IN REMARKS

Accepted for record - NMOCD

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
04/08/2016	05/04/2016	24	→	431.0	1923.0	1682.0			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	
		449.0	→	431	1923	1682		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

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

ELECTRONIC SUBMISSION #339474 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION DUE:
OCT 02 2016DAVID R. GLASS
PETROLEUM ENGINEER

S/ DAVID R. GLASS

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	2546	2600		RUSTLER	527
BELL CANYON	2601	3408		TOP SALT	816
CHERRY CANYON	3409	4630		BASE OF SALT	2428
BRUSHY CANYON	4631	6294		LAMAR	2546
BONE SPRING LIME	6295	7213		BELL CANYON	2601
BONE SPRING 1ST	7214	8159		CHERRY CANYON	3409
				BRUSHY CANYON	4631
				BONE SPRING LIME	6295

32. Additional remarks (include plugging procedure):

Perfs 15%(Gal) Sand(%) Fluid(Gal)
 12570-12787 1470 378857 392574
 12245-12462 3024 452957 372708
 11919-12136 3024 453010 369348
 11594-11811 3024 452201 368970
 11268-11487 3024 449595 366140
 10947-11160 3024 452726 365862
 10617-10834 3024 450732 365862

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (I 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 #339474 Verified by the BLM Well Information System.
 For COG PRODUCTION LLC, sent to the Carlsbad
 Committed to AFMSS for processing by JENNIFER SANCHEZ on 05/20/2016 (16JAS1588SE)

Name (please print) STORMI DAVIS

Title PREPARER

Signature (Electronic Submission)

Date 05/17/2016

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 ****

Additional data for transaction #339474 that would not fit on the form

32. Additional remarks, continued

10292-10509 3024 451458 363468
9963-10183 3024 449550 369012
9641-9858 3024 447726 366660
9315-9532 3066 447348 363636
8990-9200 3024 451268 362754
8664-8881 3024 452412 362250
8339-8556 3024 427478 359562
Totals 40824 6217318 5148806

Surveys are attached.

Additional Tops:
1st Bone Spring 7214'

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