

**NM OIL CONSERVATION
ARTESIA DISTRICT**

JUL 22 2014

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.
NMNM115417

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.
BIG PAPI FEDERAL COM 2H

3. Address 2208 W MAIN ST
ARTESIA, NM 88210

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

9. API Well No. 30-015-37833

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

Sec 4 T26S R29E Mer NMP
At surface NENW 330FNL 1980FWL

At top prod interval reported below

Sec 4 T26S R29E Mer NMP
At total depth SESW 352FSL 2108FWL

10. Field and Pool, or Exploratory
CORRAL CANYON; BS, SOUTH

11. Sec., T., R., M., or Block and Survey
or Area Sec 4 T26S R29E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
04/26/2014

15. Date T.D. Reached
05/11/2014

16. Date Completed
☐ D & A ☒ Ready to Prod.
06/22/2014

17. Elevations (DF, KB, RT, GL)*
2975 GL

18. Total Depth: MD 12985
TVD 8637

19. Plug Back T.D.: MD 12975
TVD 8637

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	441		450		0	
12.250	9.625 J55	40.0	0	2927		1500		0	
7.875	5.500 P110	17.0	0	12979		2350		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	8809	8057						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8839	12885	8839 TO 12825	0.430	504	OPEN - SEE REMARKS
B)			12875 TO 12885		60	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
8839 TO 12825	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
06/26/2014	07/01/2014	24	→	595.0	750.0	2176.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
34/64	SI	1100.0	→	595	750	2176		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	
	SI		→						

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

ELECTRONIC SUBMISSION #253860 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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.)
FLARED

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	2925	2966		RUSTLER	251
BELL CANYON	2967	3817		TOS	601
CHERRY CANYON	3818	5220		BOS	2733
BRUSHY CANYON	5221	6668		LAMAR	2925
BONE SPRING LM	6669	7604		BELL CANYON	2967
1ST BONE SPRING	7605	8467		CHERRY CANYON	3818
2ND BONE SPRING	8468	8637		BRUSHY CANYON	5221
				BONE SPRING LM	6669

32. Additional remarks (include plugging procedure):

Perfs 7 1/2%(Gal) Sand(%) Fluid(Gal)

12634-12825' 7014 445304 391356

12341-12533' 6048 456388 373800

12046-12241' 5964 452436 373590

11755-11945' 9030 449677 386778

11463-11661' 6006 449267 370314

11171-11365' 6132 459700 370398

10879-11073' 6024 452768 368945

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 #253860 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) STORMI DAVIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 07/21/2014

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.

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Additional data for transaction #253860 that would not fit on the form

32. Additional remarks, continued

10587-10781' 6024 446973 366011
10295-10485' 6024 448939 366972
10003-10197' 6048 447526 366870
9711-9905' 6006 446689 367500
9419-9614' 6006 452128 364602
9127-9322' 5999 452233 367031
8839-9030' 6024 459483 366287

Additional Tops:

1st Bone Spring 7605
2nd Bone Spring 8468