

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM119759

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.
BLUE JAY FEDERAL COM 2H

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

9. API Well No.
30-025-43533

4. Location of Well (Report location clearly and in accordance with Federal requirements)
 At surface **SESE 210FSL 660FEL**
 At top prod interval reported below
Sec 18 T20S R35E Mer NMP
 At total depth **NENE 200FNL 378FEL**

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

11. Sec., T., R., M., or Block and Survey
 or Area **Sec 18 T20S R35E Mer NMP**

12. County or Parish
LEA 13. State
NM

14. Date Spudded
01/21/2017 15. Date T.D. Reached
02/08/2017 16. Date Completed
 D & A Ready to Prod.
03/10/2017

17. Elevations (DF, KB, RT, GL)*
3685 GL

18. Total Depth: MD **16178** TVD **11371** 19. Plug Back T.D.: MD **15988** TVD **11379** 20. Depth Bridge Plug Set: MD **15988** TVD **11379**

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	1786		1350		0	
12.250	9.625 L80	40.0	0	5414	3933	1450		0	
8.750	5.500 P110	17.0	0	16032		2750		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	11012	11002						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	11684	15963	11684 TO 15963	0.430	1188	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11684 TO 15963	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
03/15/2017	03/15/2017	24	→	247.0	340.0	1947.0			FLOW FROM WELL
Choke Size	Tbg. Press. Flwg. 2500 SI	Csg. Press. 1575.0	24 Hr. Rate →	Oil BBL 247	Gas MCF 340	Water BBL 1947	Gas:Oil Ratio	Well Status 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 #372871 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation due 09/15/2017

HOBBS OCD
SEP 19 2017
RECEIVED

ACCEPTED FOR RECORD
FLOWS FROM WELL
POW
AUG 29 2017
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

KK

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
BONE SPRING LM	8436	9747		RUSTLER	1899
1ST BONE SPRING	9748	10459		TOS	1991
2ND BONE SPRING	10460	11197		BOS	3508
CHARKEY	11198	11509		BONE SPRING LM	8436
3RD BONE SPRING	11510	11510		1ST BONE SPRING	9748
				2ND BONE SPRING	10460
				CHARKEY	11198
				3RD BONE SPRING	11510

32. Additional remarks (include plugging procedure):
Surveys, perfs & 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 #372871 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by DEBORAH HAM on 04/19/2017 ()**

Name (please print) STORMI DAVIS Title PREPARER

Signature _____ (Electronic Submission) Date 04/13/2017

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.

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