

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM120907

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.  
EIDER FEDERAL 2H

3. Address 2208 WEST MAIN  
ARTESIA, NM 88210

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

9. API Well No. 30-025-41813

4. Location of Well (Report location clearly and in accordance with Federal requirements)  
 Sec 35 T24S R32E Mer NMP  
 At surface SWSE 190FSL 1795FEL  
 At top prod interval reported below  
 Sec 26 T24S R32E Mer NMP  
 At total depth NWNE 342FNL 1827FEL

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

11. Sec., T., R., M., or Block and Survey  
or Area Sec 35 T24S R32E Mer NMP

12. County or Parish LEA  
 13. State NM

14. Date Spudded  
08/05/2015

15. Date T.D. Reached  
09/06/2015

16. Date Completed  
 D & A  Ready to Prod.  
02/15/2016

17. Elevations (DF, KB, RT, GL)\*  
3534 GL

18. Total Depth: MD 20774  
 TVD 10896

19. Plug Back T.D.: MD 20695  
 TVD 10899

20. Depth Bridge Plug Set: MD 20695  
 TVD 10899

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
 CNL, SONIC, LATEROLOG

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	1052		863		0	
12.250	9.625 J55	40.0	0	4885		1510		0	
8.750	5.500 P110	17.0	0	20760	7485	3725		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	10300	10290						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	11090	20680	11090 TO 20620	0.430	1764	OPEN
B)			20670 TO 20680		60	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
11090 TO 20620	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
03/10/2016	03/23/2016	24	→	1122.0	3272.0	3073.0		

Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
32/64	SI 1150	400.0	→	1122	3272	3073		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
			→					

**ACCEPTED FOR RECORD**  
 FLOWS FROM WELL  
 MAY 12 2016  
 BUREAU OF LAND MANAGEMENT  
 CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #337932 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Due: 9/23/16

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	4877	4916		RUSTLER	1020
BELL CANYON	4917	5825		TOP OF SALT	1306
CHERRY CANYON	5826	7195		BOTTOM OF SALT	4649
BRUSHY CANYON	7196	8832		LAMAR	4877
BONE SPRING LM	8833	9944		BELL CANYON	4917
1ST BONE SPRING	9945	10455		CHERRY CANYON	5826
2ND BONE SPRING	10456	10908		BRUSHY CANYON	7196
				BONE SPRING LM	8833

32. Additional remarks (include plugging procedure):  
Surveys, perms & stimulation are attached.

Additional Perfs:

1st Bone Spring 9945'  
2nd Bone Spring 10456'

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 #337932 Verified by the BLM Well Information System.**  
For COG PRODUCTION LLC, sent to the Hobbs  
Committed to AFMSS for processing by DEBORAH HAM on 05/12/2016 ()

Name (please print) STORMI DAVIS Title PREPARER

Signature (Electronic Submission) Date 04/29/2016

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.

\*\* ORIGINAL \*\*