

OCD Hobbs

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. Other _____

6. Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
COG PRODUCTION LLC
Contact: AMANDA AVERY
E-Mail: aavery@concho.com

8. Lease Name and Well No.
EIDER FEDERAL 104H

3. Address 2208 W MAIN STREET
ARTESIA, NM 88210

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

9. Well No.
30-025-44632-00-S1

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

At surface Sec 35 T24S R32E Mer NMP
SESW 240FSL 2060FWL 32.167484 N Lat, 103.647329 W Lon
At top prod interval reported below Sec 35 T24S R32E Mer NMP
SESW 240FSL 2060FWL 32.167484 N Lat, 103.647329 W Lon
At total depth NESW 2409FSL 2323FWL 32.187977 N Lat, 103.646477 W Lon

10. Field and Pool, or Exploratory
WC025G06S253201M-UPPER BONE SP

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
07/07/2018

15. Date T.D. Reached
07/22/2018

16. Date Completed
 D & A Ready to Prod.
03/11/2019

17. Elevations (DF, KB, RT, GL)*
3526 GL

18. Total Depth: MD 16583
TVD 9240

19. Plug Back T.D.: MD 16497
TVD 9240

20. Depth Bridge Plug Set: MD 16507
TVD 9240

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
3526 GL

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	955		750		0	
12.250	9.625 L80	40.0	0	4818		1550		0	
8.750	5.500 P110	17.0	0	16583		2790		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	8717	8707						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9398	16482	9398 TO 16482		1200	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9398 TO 16482	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
03/11/2019	03/11/2019	24	→	918.0	2993.0	887.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	900	100.0	→	918	2993	887		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
			→						JUL 15 2019
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

ACCEPTED FOR RECORD

JUL 15 2019
Denish Negrete
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #463626 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

Reclamation Due: 9/11/2019

Ka

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
RUSTLER	951			RUSTLER	951
TOP OF SALT	1277			TOP OF SALT	1277
BASE OF SALT	4606			BASE OF SALT	4606
LAMAR	4833			LAMAR	4833
BELL CANYON	4901			BELL CANYON	4901
CHERRY CANYON	5790			CHERRY CANYON	5790
BRUSHY CANYON	7222			BRUSHY CANYON	7222
BRUSHY CANYON A	8555			BRUSHY CANYON A	8555

32. Additional remarks (include plugging procedure):
BONE SPRING LIMESTONE 8785

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 #463626 Verified by the BLM Well Information System.
For COG PRODUCTION LLC, sent to the Hobbs
Committed to AFMSS for processing by DINAH NEGRETE on 07/15/2019 (19DCN0162SE)**

Name (please print) AMANDA AVERY Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) Date 04/30/2019

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 ****

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-44632	Pool Code 97784	Pool Name Wildcat; Bone Spring
Property Code 314193	Property Name EIDER FEDERAL	
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	
		Well Number 104H
		Elevation 3526.1'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	35	24-S	32-E		240	SOUTH	2060	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	26	24-S	32-E		2409	SOUTH	2323	WEST	LEA

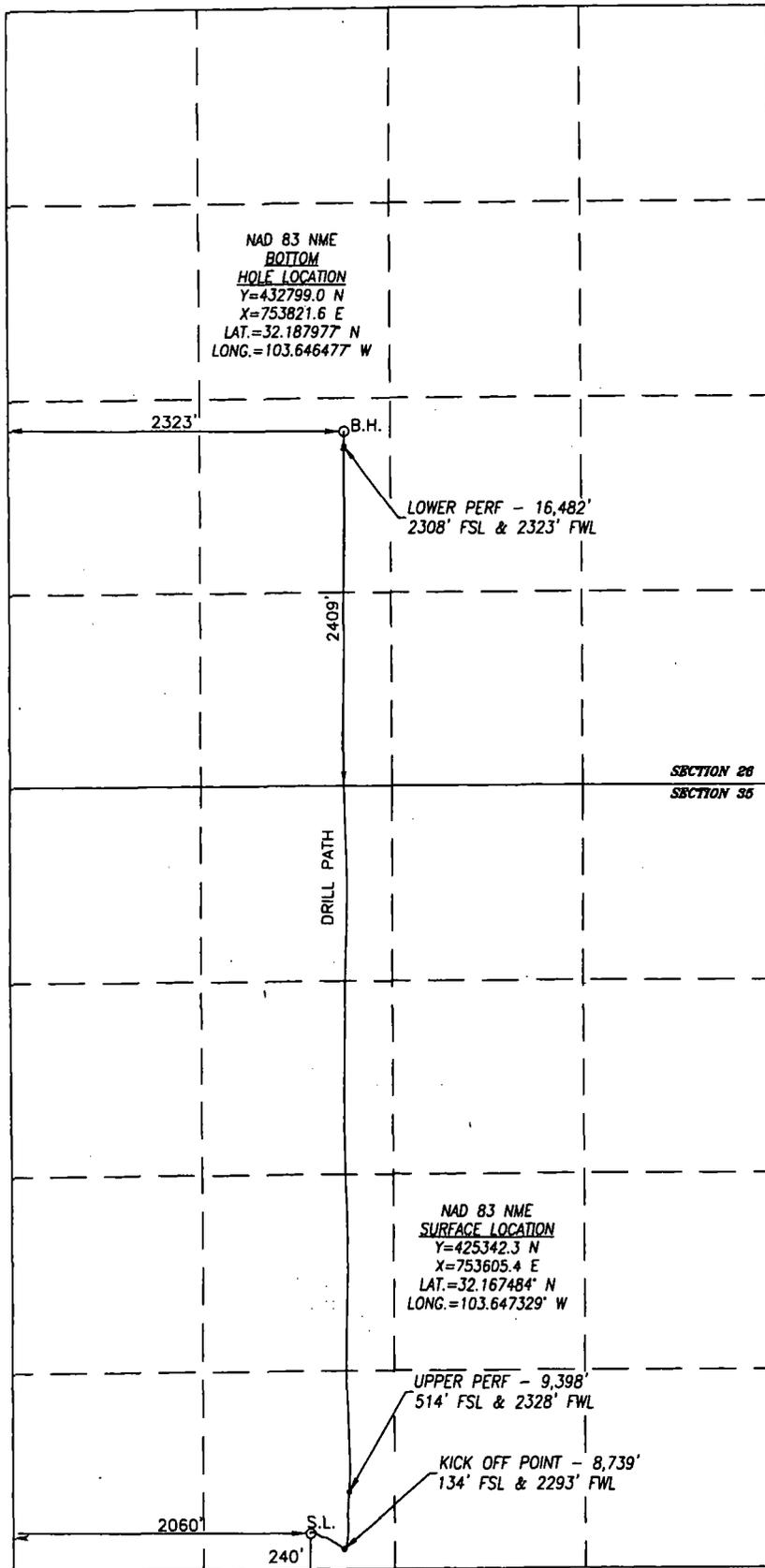
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

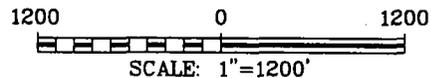
SEE PAGE 2

PAGE 1 OF 2
W.O. #19-596 DRAWN BY: WN

Property Code 314193	Property Name EIDER FEDERAL	Well Number 104H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3526.1'



BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG PRODUCTION, LLC FOR THE EIDER FEDERAL #104H SUPPLIED TO HARCROW SURVEYING, LLC ON MARCH 26, 2019



OPERATOR CERTIFICATION	
<p><i>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p>	
Date	4/30/19
Signature	Amanda Avery
Printed Name	aavery@concho.com
E-mail Address	
SURVEYOR CERTIFICATION	
<p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p>	
Date of Survey/Date of Geographic Survey	JUNE 22, 2017/JULY 19, 2018
Signature & Seal of Professional Surveyor	
<p><i>Chad Harcrow</i> 4/17/19</p>	
Certificate No.	CHAD HARCROW 17777
W.O. #	19-596
DRAWN BY:	WN