

HOBBBS OCD
RECEIVED
AUG 21 2019

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMMN120907

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. EIDER FEDERAL 303H

9. API Well No. 30-025-44638-00-S1

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 04/22/2018 15. Date T.D. Reached 05/14/2018 16. Date Completed D & A Ready to Prod. 03/12/2019 17. Elevations (DF, KB, RT, GL)* 3525 GL

18. Total Depth: MD 17143 TVD 9711 19. Plug Back T.D.: MD 17074 TVD 9711 20. Depth Bridge Plug Set: MD 17074 TVD 9711

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 3525 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 K55	54.5	0	968		700		0	
12.250	9.625 L80	40.0	0	4857		1786		0	
8.750	5.500 P110	17.0	0	17120		2630		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	9176	9166						

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9847	17049	9847 TO 17049		1230	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9847 TO 17049	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
03/12/2019	03/12/2019	24	→	28.0	0.0	388.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	360	10.0	→	28	0	388		PQW	

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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

ACCEPTED FOR RECORD
 JUL 18 2019
Shirley Negrete
 BUREAU OF LAND MANAGEMENT
 CARLSBAD FIELD OFFICE

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	969			RUSTLER	969
TOP OF SALT	1294			TOP OF SALT	1294
BASE OF SALT	4625			BASE OF SALT	4625
LAMAR	4855			LAMAR	4855
BELL CANYON	4923			BELL CANYON	4923
CHERRY CANYON	5806			CHERRY CANYON	5806
BRUSHY CANYON	7232			BRUSHY CANYON	7232
BRUSHY CANYON A	8553			BRUSHY CANYON A	8553

32. Additional remarks (include plugging procedure):
BONE SPRING LIMESTONE 8787

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 #463818 Verified by the BLM Well Information System.
For COG PRODUCTION LLC, sent to the Hobbs
Committed to AFMSS for processing by DINAH NEGRETE on 07/18/2019 (19DCN0165SE)

Name (please print) AMANDA AVERY Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) Date 05/01/2019

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 ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

DISTRICT I
1825 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-9720

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) 334-8178 Fax: (505) 334-8170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 478-3480 Fax: (505) 478-3482

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 30-025-44638	Pool Code 97784	Pool Name Wildcat; Bone Spring
Property Code 314193	Property Name EIDER FEDERAL	Well Number 303H
OGRD No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3525.2'

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		210	SOUTH	2000	WEST	LEA

Bottom Hole Location If Different From Surface

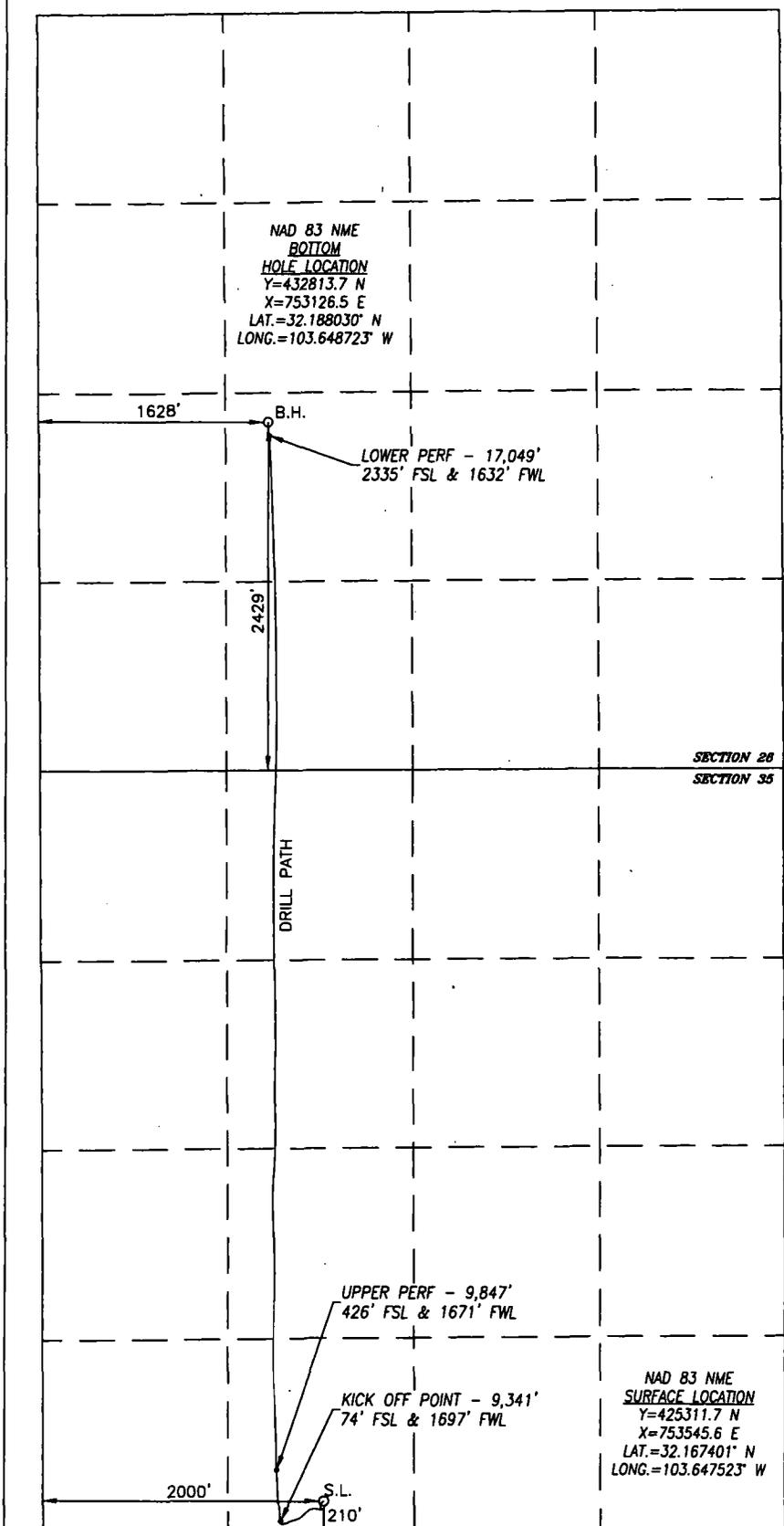
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	26	24-S	32-E		2429	SOUTH	1628	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
240			

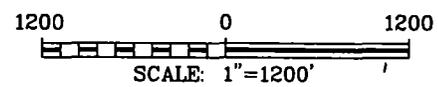
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code 314193	Property Name EIDER FEDERAL	Well Number 303H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3525.2'



BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG PRODUCTION, LLC FOR THE EIDER FEDERAL #303H SUPPLIED TO HARCROW SURVEYING, LLC ON APRIL 8, 2019



OPERATOR CERTIFICATION

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.

5/1/19
Date

Signature
Amanda Avery

Printed Name
aavery@concho.com

E-mail Address

SURVEYOR CERTIFICATION

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.

JUNE 22, 2017/MAY 5, 2018
Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor

Chad L. Harcrow 4/17/19
Certificate No. CHAD HARCROW 17777