

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMMN1209071a. Type of Well ☒ Gas 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 LLCContact: AMANDA AVERY
E-Mail: aavery@concho.com8. Lease Name and Well No.
EIDER FEDERAL 302H3. Address 2208 W MAIN STREET
ARTESIA, NM 882103a. Phone No. (include area code)
Ph: 575-748-69409. API Well No.
30-025-44637-00-S1

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

At surface SWSW 210FSL 1050FWL 32.167393 N Lat, 103.650593 W Lon
Sec 35 T24S R32E Mer NMPAt top prod interval reported below SWSW 210FSL 1050FWL 32.167393 N Lat, 103.650593 W Lon
Sec 26 T24S R32E Mer NMP

At total depth NWSW 2411FSL 977FWL 32.187978 N Lat, 103.650827 W Lon

10. Field and Pool, or Exploratory
WC025G06S253201M-UPPER BONE SP11. Sec., T., R., M., or Block and Survey
or Area Sec 35 T24S R32E Mer NMP12. County or Parish
LEA13. State
NM14. Date Spudded
05/29/201815. Date T.D. Reached
06/19/201816. Date Completed
☐ D & A ☒ Ready to Prod.
02/02/201917. Elevations (DF, KB, RT, GL)*
3521 GL18. Total Depth: MD 16879
TVD 951119. Plug Back T.D.: MD 16782
TVD 951120. Depth Bridge Plug Set: MD 16788
TVD 951121. Type Electric & Other Mechanical Logs Run (Submit copy of each)
3521 GL22. 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	980		800		0	
12.250	9.625 L80	40.0	0	4800		1375		0	
8.750	5.500 P110	17.0	0	16865		2700		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	8966	8956						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9725	16763	9725 TO 16763		1200	OPEN
B)						
C)						
D)						

26. Perforation Record

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

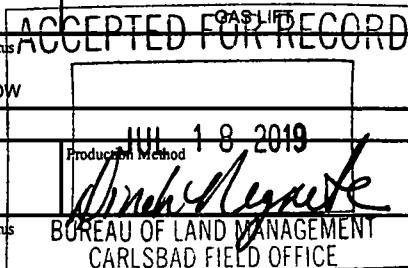
Depth Interval	Amount and Type of Material
9725 TO 16763	SEE ATTACHED

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
02/02/2019	02/02/2019	24	→	115.0	323.0	2618.0			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24/64	SI	700.0	→	115	323	2618		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.	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 #456133 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Reclamation Due: 8/2/2019

KZ

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	900			RUSTLER	900
TOP OF SALT	1236			TOP OF SALT	1236
BASE OF SALT	4580			BASE OF SALT	4580
LAMAR	4805			LAMAR	4805
BELL CANYON	4840			BELL CANYON	4840
CHERRY CANYON	5753			CHERRY CANYON	5753
BRUSHY CANYON	7089			BRUSHY CANYON	7089
BONE SPRING LIME	8777			BONE SPRING LIME	8777

32. Additional remarks (include plugging procedure):

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 #456133 Verified by the BLM Well Information System.
For COG PRODUCTION LLC, sent to the Hobbs
Committed to AFMSS for processing by DEBORAH HAM on 07/16/2019 (19DMH0137SE)

Name (please print) AMANDA AVERYTitle AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission)

Date 02/27/2019

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 ** REVISED ****

DISTRICT I
1625 N. FRENCH DR., HOBBES, 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) 476-3480 Fax: (505) 476-3482

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 30-025-44637	Pool Code 97784	Pool Name Wildcat; Bone Springs
Property Code 314913	Property Name EIDER FEDERAL	Well Number 302H
OGRID No. 217955	Operator Name COG OPERATING, LLC	Elevation 3521.4'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	35	24-S	32-E		210	SOUTH	1050	WEST	LEA

Bottom Hole Location If Different From Surface

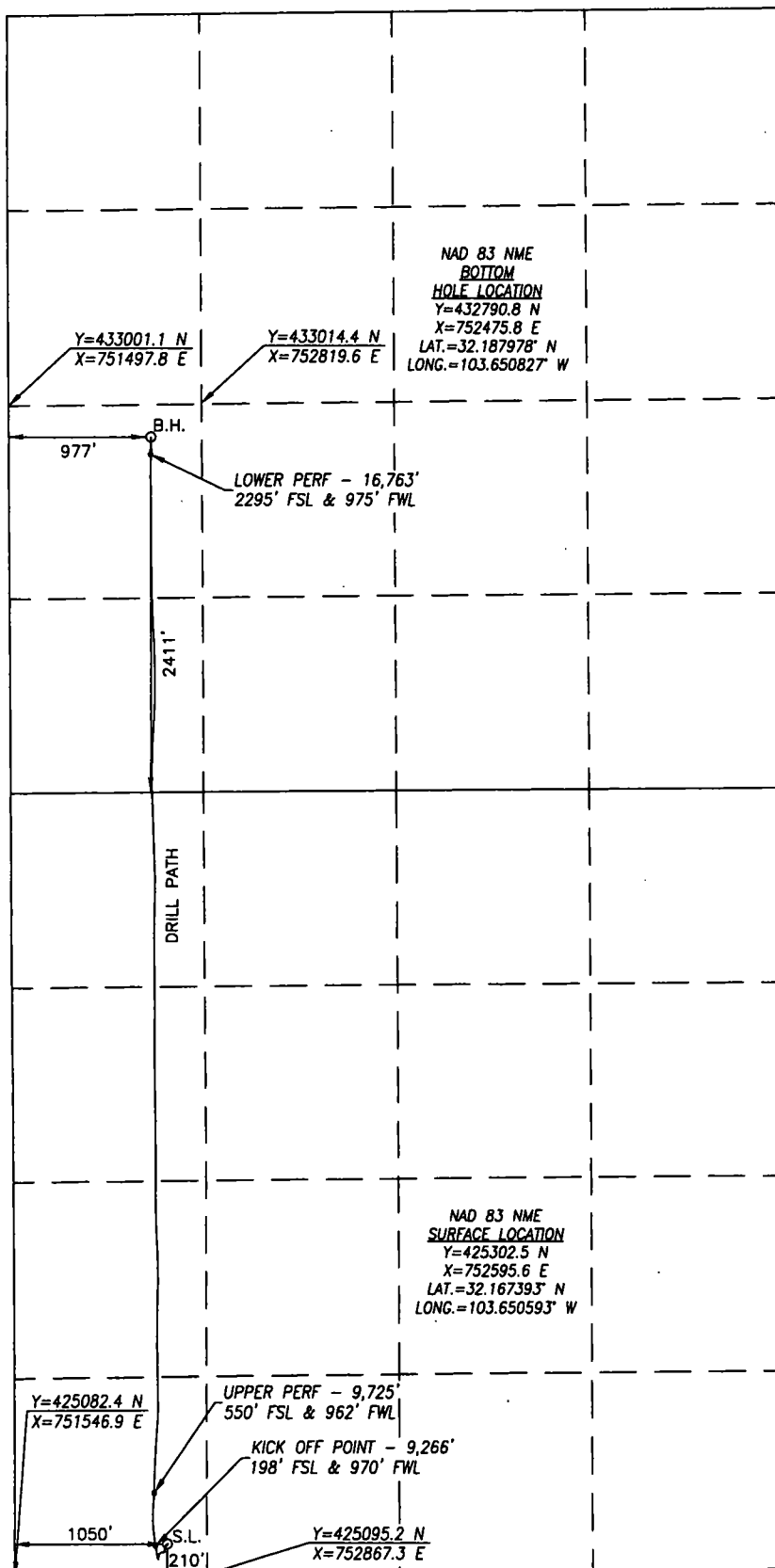
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	26	24-S	32-E		2411	SOUTH	977	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

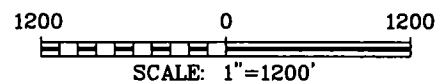
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code 314913	Property Name EIDER FEDERAL	Well Number 302H
OGRID No. 217955	Operator Name COG OPERATING, LLC	Elevation 3521.4'



BOREPATH SHOWN HEREON IS BASED ON
DIRECTIONAL SURVEY REPORT PROVIDED BY
COG OPERATING, LLC FOR THE EIDER FEDERAL
#302H SUPPLIED TO HARCROW SURVEYING, LLC
ON FEBRUARY 4, 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.

2/27/19

Signature

Date

Amanda Avery

Printed Name

aaavery@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.

AUG. 25, 2017/JUNE 20, 2018

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 2/11/19

Certificate No. CHAD HARCROW 17777