

HOBBS OCD
AUG 22 2019
RECEIVED

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.
NMNM120907

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
EIDER FEDERAL 101H

9. API Well No.
30-025-44629-00-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

17. Elevations (DF, KB, RT, GL)*
3522 GL

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

2. Name of Operator
COG PRODUCTION LLC

Contact: AMANDA AVERY
E-Mail: aavery@concho.com

3. Address 2208 W MAIN STREET
ARTESIA, NM 88210

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 35 T24S R32E Mer NMP
At surface SWSW 240FSL 1020FWL 32.167475 N Lat, 103.650690 W Lon
Sec 35 T24S R32E Mer NMP
At top prod interval reported below SWSW 240FSL 1020FWL 32.167475 N Lat, 103.650690 W Lon
Sec 26 T24S R32E Mer NMP
At total depth NWSW 2410FSL 356FWL 32.187976 N Lat, 103.652833 W Lon

14. Date Spudded
08/22/2018

15. Date T.D. Reached
09/09/2018

16. Date Completed
 D & A Ready to Prod.
02/10/2019

18. Total Depth: MD 16504
TVD 9217

19. Plug Back T.D.: MD 16415
TVD 9217

20. Depth Bridge Plug Set: MD 16425
TVD 9217

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
3522 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 J55	54.5	0	993		800		0	
12.250	9.625 L80	40.0	0	4800		1400		0	
8.750	5.500 P110	17.0	0	16484		2555		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	8701	8691						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9407	16400	9407 TO 16400		1170	OPEN - BONE SPRING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9407 TO 16400	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
02/10/2019	02/10/2019	24	→	580.0	776.0	2644.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
28/64	SI 100	750.0	→	580	776	2644		POW	

ACCEPTED FOR RECORD
JUL 15 2019
Dinah Aguirre
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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 #456624 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Due: 8/10/2019

K2

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	905			RUSTLER	905
TOP OF SALT	1242			TOP OF SALT	1242
BASE OF SALT	4590			BASE OF SALT	4590
LAMAR	4814			LAMAR	4814
CHERRY CANYON	5767			CHERRY CANYON	5767
BONE SPRING LIME	8792			BONE SPRING LIME	8792

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 #456624 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 (19DCN0159SE)

Name (please print) AMANDA AVERY Title AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission) Date 03/04/2019

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.

DISTRICT I
1825 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 583-8181 Fax: (575) 583-0720

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 30-025-44629	Pool Code 97784	Pool Name <i>WC-025-306</i> <i>5253201M</i> Wildcat; Bone Spring
Property Code 314913	Property Name EIDER FEDERAL	Well Number 101H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3521.7'

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		240	SOUTH	1020	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		2410	SOUTH	356	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 101H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3521.7'

NAD 83 NME
BOTTOM
HOLE LOCATION
Y=432786.2 N
X=751855.2 E
LAT.=32.187976° N
LONG.=103.652833° W

356' B.H.

LOWER PERF - 16,400'
2307' FSL & 353' FWL

2410'

DRILL PATH

SECTION 26
SECTION 35

UPPER PERF - 9,407'
617' FSL & 424' FWL

KICK OFF POINT - 8,620'
170' FSL & 611' FWL

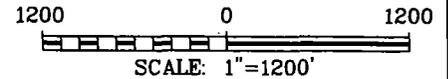
S.L.

1020'

240'

NAD 83 NME
SURFACE LOCATION
Y=425332.3 N
X=752565.5 E
LAT.=32.167475° N
LONG.=103.650690° W

BOREPATH SHOWN HEREON IS BASED ON
DIRECTIONAL SURVEY REPORT PROVIDED BY
COG PRODUCTION, LLC FOR THE EIDER
FEDERAL #101H SUPPLIED TO HARCROW
SURVEYING, LLC ON FEBRUARY 26, 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.

03/04/19

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/SEPT. 12, 2018

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Harcrow

3/1/19

Certificate No. CHAD HARCROW 17777