

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Operating LLC 2208 W. Main Street Artesia, NM 88210		² OGRID Number 229137
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 025-44641	⁵ Pool Name Wildcat; Wolfcamp	⁶ Pool Code 98117
⁷ Property Code 321160	⁸ Property Name Hennin Federal	⁹ Well Number 24H

II. ¹⁰ Surface Location

U1 or lot no. B	Section 3	Township 26S	Range 35E	Lot Idn	Feet from the 210	North/South Line North	Feet from the 2162	East/West line East	County Lea
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¹¹ Bottom Hole Location

U1 or lot no. O	Section 3	Township 26S	Range 35E	Lot Idn	Feet from the 201	North/South Line South	Feet from the 2287	East/West line East	County Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 10/23/18	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	ACC	O
	Targa Midstream Services, LP 1000 Louisiana Ste 4700 Houston, TX 77002	G
	HOBBBS OCD	
	JAN 30 2019	
	RECEIVED	

IV. Well Completion Data

²¹ Spud Date 6/4/18	²² Ready Date 10/23/18	²³ TD 17,431'	²⁴ PBTD 17,150'	²⁵ Perforations 12,740-17,186'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14 3/4"	10 3/4"	1011'	800		
9 7/8"	7 5/8"	11820'	1950		
6 3/4"	5"	17400'	1295		
	2 7/8"	11187'			

V. Well Test Data

³¹ Date New Oil 10/23/18	³² Gas Delivery Date 10/23/18	³³ Test Date 10/23/18	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure 4100#	³⁶ Csg. Pressure 2800#
³⁷ Choke Size 13/64"	³⁸ Oil 323	³⁹ Water 1847	⁴⁰ Gas 548		⁴¹ Test Method Flowing

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Amanda Avery*

Printed name:
Amanda Avery

Title:
Regulatory Tech II

E-mail Address:
aavery@concho.com

Date:
1/9/19

Phone:
575-748-6962

OIL CONSERVATION DIVISION

Approved by:

Karen Sharp

Title:

Staff Mgr

Approval Date:

1-30-19

Documents pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO 1004-0137
Expires January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5 Lease Serial No.
NMNM120365

6 If Indian, Allottee or Tribe Name

7 If Unit or CA/Agreement, Name and/or No

8 Well Name and No
HENNIN FEDERAL 24H9 API Well No.
30-025-4464110 Field and Pool or Exploratory Area
WILDCAT; WOLFCAMP11 County or Parish, State
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other Instructions on page 2**1 Type of Well
☒ Oil Well ☐ Gas Well ☐ Other2 Name of Operator
COG OPERATING LLC
Contact AMANDA AVERY
E-Mail aavery@concho.com3a. Address
2208 W MAIN STREET
ARTESIA, NM 882103b. Phone No. (include area code)
Ph: 575-748-69404. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 3 T26S R35E Mer NMP NWNE 210FNL 2162FEL**12 CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Hydraulic Fracture
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation. Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

7/19/18 Test annulus to 1500# Set composite bridge plug @ 17,300' and test csg to 11000#. Perf
17,275-17285 (60) Injection test
7/30/18 to 8/8/18 Perf and plug 12,740-17,186' (1000) Acdz w/75,600 gal 7 1/2% frac
w/8,986,517# sand & 7,967,316 gal fluid
8/11/18 Drilled out composite frac plug's Clean down to PBD 17,150'.

8/15/18 Set 2 7/8" 6 5# J-55 tbg @ 11187' & pkr @ 11177'. Installed gas-lift system

10/23/18 Began flowing back & testing Date of first production

14 I hereby certify that the foregoing is true and correct.

Electronic Submission #450062 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Hobbs

Name (Printed/Typed) AMANDA AVERY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 01/10/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person know. States any false, fictitious or fraudulent statements or representations as to any matter within its jur.

Documents pending BLM approvals will
subsequently be reviewed and scanned

United

(Instructions on page 2)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5 Lease Serial No NMNM120385
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resvr Other _____		6 If Indian, Allottee or Tribe Name
2. Name of Operator COG OPERATING LLC		7 Unit or CA Agreement Name and No
Contact AMANDA AVERY E-Mail aavery@concho.com		8 Lease Name and Well No HENNIN FEDERAL 24H
3 Address 2208 W MAIN STREET ARTESIA, NM 88210	3a Phone No (include area code) Ph 575-748-6940	9 API Well No 30-025-44641
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNE Lot B 210FNL 2162FEL 32 078998 N Lat, 103 353835 W Lon At top prod interval reported below NWNE Lot B 210FNL 2162FEL 32 078998 N Lat, 103.353835 W Lon At total depth SWSE Lot O 201FSL 2287FEL 32.065577 N Lat, 103 354236 W Lon		10 Field and Pool, or Exploratory WILDCAT, WOLFCAMP
		11 Sec, T, R, M, or Block and Survey or Area Sec 3 T26S R35E Mer NMP
		12 County or Parish LEA
		13 State NM
14 Date Spudded 06/04/2018	15 Date T D Reached 06/27/2018	16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 10/23/2018
17 Elevations (DF, KB, RT, GL)* 3171 GL		
18 Total Depth MD 17431 TVD 12684	19 Plug Back T D MD 17150 TVD 12684	20 Depth Bridge Plug Set MD 17300 TVD 12684
21 Type Electric & Other Mechanical Logs Run (Submit copy of each)		22 Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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
14 750	10.750 L80	45.5	0	1011		800		0	
9.875	7 625 L80	40.0	0	11820	5258	1950		0	
6 750	5 000 P110	18.0	0	17400		1295		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	11187	11177						

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A)			12740 TO 17186		1000	
B)						
C)						
D)						

26 Perforation Record

Depth Interval	Amount and Type of Material
12740 TO 17186	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
10/23/2018	10/23/2018	24	→	323.0	548.0	1847.0			GAS LIFT
Choke Size	Tbg Press Flwg. SI	Cvg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
13/64	SI 4100	2800.0	→	323	548	1847		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. SI	Cvg 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 #450085 VERIFIED BY THE BLM WELL INFORMATION

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED

Documents pending BLM approvals will subsequently be reviewed and scanned

CU **

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	937			RUSTLER	937
TOP OF SALT	1263			TOP OF SALT	1263
BOTTOM OF SALT	4858			BOTTOM OF SALT	4858
LAMAR	5247			LAMAR	5247
BELL CANYON	5275			BELL CANYON	5275
CHERRY CANYON	6174			CHERRY CANYON	6174
BRUSHY CANYON	7802			BRUSHY CANYON	7802
BONE SPRING LIME STONE	9096			BONE SPRINGS LIME STONE	9096

32 Additional remarks (include plugging procedure)

BONE SPRING 1ST 10365
BONE SPRING 2ND 11198
BONE SPRING 3RD 11980
WOLFCAMP 12387

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 #450085 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs

Name (please print) AMANDA AVERY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 01/10/2019

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

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