

Form 3160-4
(August 2007)

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

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. Resvr.
 Other _____

6. If 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 206H

3. Address **2208 W MAIN STREET ARTESIA, NM 88210** 3a. Phone No. (include area code)
Ph: **575-748-6940**

9. API Well No.
30-025-44880-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **Sec 35 T24S R32E Mer NMP SESE 210FSL 2230FEL 32.167410 N Lat, 103.644130 W Lon**
 At top prod interval reported below **Sec 35 T24S R32E Mer NMP SESE 210FSL 2230FEL 32.167410 N Lat, 103.644130 W Lon**
 At total depth **Sec 26 T24S R32E Mer NMP SESE 2587FSL 878FEL 32.188477 N Lat, 103.639725 W Lon**

10. Field and Pool, or Exploratory
WC025G09S253309P-UP WOLFCAMP

11. Sec., T., R., M., or Block and Survey or Area
UNKNOWN Sec 35 T24S R32E Mer NMP

12. County or Parish **LEA** 13. State **NM**

14. Date Spudded **06/26/2020** 15. Date T.D. Reached **08/02/2020** 16. Date Completed D & A Ready to Prod.
11/14/2020

17. Elevations (DF, KB, RT, GL)*
3530 GL

18. Total Depth: MD **20003** TVD **12383** 19. Plug Back T.D.: MD **19901** TVD **12383** 20. Depth Bridge Plug Set: MD **19915** TVD **12383**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 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
14.750	10.750 J55	45.5	0	1028		710		0	
8.750	7.625 P110	29.7	0	11875		1712		0	
6.750	5.500 P110	23.0	0	19945		1850		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	11543	11533						

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) UPR WOLFCAMP			12575 TO 19890			OPEN
B) WOLFCAMP	12575	19890				
C)						
D)						

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

Depth Interval	Amount and Type of Material
12575 TO 19890	37,296 7 1/2%; 18,595,577# SAND; 14,871,948 GAL FLUID

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
11/25/2020	11/25/2020	24	→	32.0	112.0	1196.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
14/64	SI 4000	4600.0	→	32	112	1196	4	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
11/25/2020	11/25/2020	24	→	32.0	112.0	1196.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
14/64	SI 4000	4600.0	→	32	112	1196		POW	

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #540410 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

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	971			RUSTLER	971
TOP OF SALT	1299			TOP OF SALT	1299
BASE OF SALT	4564			BASE OF SALT	4564
LAMAR	4884			LAMAR	4884
CHERRY CANYON	5850			CHERRY CANYON	5850
BRUSHY CANYON	7233			BRUSHY CANYON	7233
BONE SPRING 2ND	8872			BONE SPRING 2ND	8872
BONE SPRING 1ST	9975			BONE SPRING 1ST	9975

32. Additional remarks (include plugging procedure):
SECOND BONE SPRING 10517
THIRD BONE SPRING 11875
WOLFCAMP 12402

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 #540410 Verified by the BLM Well Information System.
For COG PRODUCTION LLC, sent to the Hobbs
Committed to AFMSS for processing by DEBORAH HAM on 12/12/2020 (21DMH0042SE)**

Name (please print) AMANDA AVERY Title REGULATORY ANALYST

Signature (Electronic Submission) Date 12/10/2020

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 ****

Revisions to Operator-Submitted EC Data for Well Completion #540410

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM120907	NMNM120907
Agreement:		
Operator:	COG OPERATING LLC 2208 W MAIN STREET ARTESIA, NM 88210 Ph: 575-748-6940	COG PRODUCTION LLC 2208 W MAIN STREET ARTESIA, NM 88210 Ph: 575.748.6940
Admin Contact:	AMANDA AVERY REGULATORY ANALYST E-Mail: aavery@concho.com Ph: 575-748-6940	AMANDA AVERY REGULATORY ANALYST E-Mail: aavery@concho.com Ph: 575-748-6940
Tech Contact:	AMANDA AVERY REGULATORY ANALYST E-Mail: aavery@concho.com Ph: 575-748-6940	AMANDA AVERY REGULATORY ANALYST E-Mail: aavery@concho.com Ph: 575-748-6940
Well Name: Number:	EIDER FEDERAL 206H	EIDER FEDERAL 206H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 35 T24S R32E Mer NMP	Sec 35 T24S R32E Mer NMP
Surf Loc:	SESE Lot O 210FSL 2230FEL 32.167410 N Lat, 103.644130 W Lon	SESE Lot O 210FSL 2230FEL 32.167410 N Lat, 103.644130 W Lon
Field/Pool:	WC-025 G-09 S253309P; WC	WC025G09S253309P-UP WOLFCAMP
Logs Run:		
Producing Intervals - Formations:	WOLFCAMP	UPR WOLFCAMP WOLFCAMP
Porous Zones:	RUSTLER TOP OF SALT BOTTOM OF SALT LAMAR CHERRY CANYON BRUSHY CANYON BONE SPRING LIMESTONE FIRST BONE SPRING	RUSTLER TOP OF SALT BASE OF SALT LAMAR CHERRY CANYON BRUSHY CANYON BONE SPRING 2ND BONE SPRING 1ST
Markers:	RUSTLER TOP OF SALT BOTTOM OF SALT LAMAR CHERRY CANYON BRUSHY CANYON BONE SPRING LIMESTONE FIRST BONE SPRING	RUSTLER TOP OF SALT BASE OF SALT LAMAR CHERRY CANYON BRUSHY CANYON BONE SPRING 2ND BONE SPRING 1ST

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) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 13977

CONDITIONS OF APPROVAL

Operator:	COG OPERATING LLC	600 W Illinois Ave	Midland, TX79701	OGRID:	229137	Action Number:	13977	Action Type:	C-105
OCD Reviewer	plmartinez			Condition	None				