

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

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State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

JUL 02 2019

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 - 015-45165	⁵ Pool Name Purple Sage; Wolfcamp (Gas)	⁶ Pool Code 98220
⁷ Property Code 322243	⁸ Property Name Littlefield 33 Federal Com	⁹ Well Number 708H

II. ¹⁰ Surface Location

UI or lot no. 9	Section 33	Township 26S	Range 29E	Lot Idn	Feet from the 250	North/South Line South	Feet from the 751	East/West line West	County Eddy
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¹¹ Bottom Hole Location

UI or lot no. D	Section 28	Township 26S	Range 29E	Lot Idn	Feet from the 200	North/South Line North	Feet from the 327	East/West line West	County Eddy
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 5/28/19	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
	Delaware Basin Midstream 9950 Woodlock Forrest Dr The Woodlands, TX 77380	G
	Holly Refining and Marketing Co.	O

IV. Well Completion Data

²¹ Spud Date 10/6/18	²² Ready Date 5/28/19	²³ TD 17085'	²⁴ PBTB 16900'	²⁵ Perforations 10,168-16,976'	²⁶ DHC, MC
²⁷ Hole Size 14 3/4"	²⁸ Casing & Tubing Size 10 3/4"	²⁹ Depth Set 594'	³⁰ Sacks Cement 1150		
9 7/8"	7 5/8"	9448'	2387		
6 3/4"	5 1/2"	17073'	1550		
	2 7/8"	9,413			

V. Well Test Data

³¹ Date New Oil 5/28/19	³² Gas Delivery Date 5/28/19	³³ Test Date 5/28/19	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure 2572#	³⁶ Csg. Pressure 2155#
³⁷ Choke Size 26/64"	³⁸ Oil 175	³⁹ Water 1065	⁴⁰ Gas 912		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 Analyst

E-mail Address:
aavery@concho.com

Date:
6/25/19

Phone:
575-748-6962

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Pending BLM approvals will
subsequently be reviewed
and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.
NMLC065928A

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

8. Well Name and No.
LITTLEFIELD 33 FEDERAL COM 708H

9. API Well No.
30-015-45165

10. Field and Pool or Exploratory Area
PURPLE SAGE; WOLFCAMP GAS

11. County or Parish, State
EDDY COUNTY, NM

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
COG OPERATING LLC
Contact: AMANDA AVERY
E-Mail: aavery@concho.com

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 33 T26S R29E Mer NMP SWNW 250FSL 751FWL
32.000803 N Lat, 103.995774 W Lon

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.

2/26/19 Test annulus to 1500# Set Composite Bridge plug @ 17,175' and test csg to 11,150#. Test good

4/3/19 to 4/15/19 Perf 10,168-16,976' (1248). Acdd w/59,388 gal 7 1/2%; frac w/ 13,680,935# sand & 12,194,196 gal fluid.

5/1/19 to 5/2/19 Drilled out CFP's. Clean down to PBTD @16,900'.

5/4/19 -5/7/19 Set 2 7/8" 6.5# L-80 tbg @ 9,403' packer @ 9,413'. Installed gas lift system.

5/28/19 Began flowing back & testing. Date of first production.

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DISTRICT II-ARTESIA O.C.D.

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

**Electronic Submission #470685 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad**

Name (Printed/Typed) AMANDA AVERY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 06/26/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

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.

Pending BLM approvals will
subsequently be reviewed
and scanned

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

(Instructions on page 2)

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

RECEIVED

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 02 2019

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010WELL COMPLETION OR RECOMPLETION REPORT AND LOG
DISTRICT: ARTESIA, C.D.5. Lease Serial No.
NMLC065928A1a. 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 OPERATING LLCContact: AMANDA AVERY
E-Mail: aavery@concho.com8. Lease Name and Well No.
LITTLEFIELD 33 FEDERAL COM 708H3. Address 2208 W MAIN STREET
ARTESIA, NM 882103a. Phone No. (include area code)
Ph: 575-748-69409. API Well No.
30-015-451654. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 33 T26S R29E Mer NMP
NWSW Lot 9 250FSL 751FWL 32.000803 N Lat, 103.995774 W Lon10. Field and Pool, or Exploratory
PURPLE SAGE; WOLFCAMP GASAt top prod interval reported below Sec 33 T26S R29E Mer NMP
NWSW Lot 9 250FSL 751FWL 32.000803 N Lat, 103.995774 W Lon11. Sec., T., R., M., or Block and Survey
or Area Sec 33 T26S R29E Mer NMPAt total depth Sec 28 T26S R29E Mer NMP
NWNW Lot D 200FNL 327FWL 32.020626 N Lat, 103.996858 W Lon12. County or Parish
EDDY13. State
NM14. Date Spudded
10/06/201815. Date T.D. Reached
02/02/201916. Date Completed
☐ D & A ☒ Ready to Prod.
05/28/201917. Elevations (DF, KB, RT, GL)*
2864 GL18. Total Depth: MD 17085
TVD 1003619. Plug Back T.D.: MD 16900
TVD 1003620. Depth Bridge Plug Set: MD 17001
TVD 10036

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	10.750 L80	45.5	0	594		1150		0	
9.875	7.625 L80	29.7	0	9448	2695	2387		0	
6.750	5.500 P110	23.0	0	17073		1550		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	9413	9403						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	10168	16976	10168 TO 16976		1248	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10168 TO 16976	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
05/28/2019	05/28/2019	24	→	308.0	2650.0	2642.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
26/64	SI	2155.0	→	308	2650	2642		PGW	

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		→						

Pending BLM approvals will
subsequently be reviewed
and scanned

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #470690 VERIFIED BY THE BLM WELL INFORMATION SYS

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

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
LAMAR	2694			LAMAR	2694
CHERRY CANYON	3642			CHERRY CANYON	3642
BRUSHY CANYON	4950			BRUSHY CANYON	4950
BONE SPRING LIMESTONE	6499			BONE SPRING LIMESTONE	6499
1ST BONE SPRING	7417			1ST BONE SPRING	7417
2ND BONE SPRING	8198			2ND BONE SPRING	8198
3RD BONE SPRING	9245			3RD BONE SPRING	9245
WOLFCAMP	9593			WOLFCAMP	9593

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 #470690 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) AMANDA AVERYTitle AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission)

Date 06/26/2019

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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