

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 - 015-45169	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 808H

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 781	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 202	North/South Line North	Feet from the 656	East/West line West	County Eddy
¹² Lse Code P	¹³ Producing Method Code F	¹⁴ Gas Connection Date 6/7/19	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. RECEIVED JUL 08 2019	O

IV. Well Completion Data

DISTRICT II-ARTESIA O.C.D.

²¹ Spud Date 10/19/18	²² Ready Date 6/7/19	²³ TD 18005'	²⁴ PBTD 17920'	²⁵ Perforations 10,886-17,895'	²⁶ DHC, MC
²⁷ Hole Size 14 3/4"	²⁸ Casing & Tubing Size 10 3/4"	²⁹ Depth Set 575'	³⁰ Sacks Cement 750		
9 7/8"	7 5/8"	10147'	2485		
6 3/4"	5 1/2"	18005'	1533		
	2 7/8"	10,196'			

V. Well Test Data

³¹ Date New Oil 6/7/19	³² Gas Delivery Date 6/7/19	³³ Test Date 6/7/19	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure 3398#	³⁶ Csg. Pressure 1450#
³⁷ Choke Size 26/64"	³⁸ Oil 234	³⁹ Water 2704	⁴⁰ Gas 2419		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

7/3/19

Phone:
575-748-6962

OIL CONSERVATION DIVISION

Approved by:

Karen Sharp

Title:

Staff Mgr

Approval Date:

7-19-19

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 08 2019

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. Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.

LITTLEFIELD FEDERAL COM 808H

2. Name of Operator

COG OPERATING LLC

Contact: AMANDA AVERY

E-Mail: aavery@concho.com

9. API Well No.

30-025-45169

3a. Address

2208 W MAIN STREET
ARTESIA, NM 88210

3b. Phone No. (include area code)

Ph: 575-748-6940

10. Field and Pool or Exploratory Area

PURPLE SAGE; WOLFCAMP GAS

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 33 T26S R29E Mer NMP SWNW 250FSL 781FWL
32.000803 N Lat, 103.995677 W Lon

11. County or Parish, State

EDDY COUNTY, NM

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 @ 17,920' and test csg to 11,180#. Perf 17,773-17,783'. Injection test.

3/23/19 to 4/2/19 Perf 10,886-17,895' (1440). Acdd w/65,436 gal 7 1/2%; frac w/ 14,406,394# sand & 12,848,892 gal fluid.

5/2/19 to 5/3/19 Drilled out CFP's. Clean down to PBTD @17,920'.

5/9/19 -5/10/19 Set 2 7/8" 6.5# L-80 tbg @ 10,196' packer @ 10,186'. Installed gas lift system.

6/7/19 Began flowing back & testing. Date of first production.

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

Electronic Submission #472318 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 07/03/2019

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 knowingly and States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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

Pending BLM approvals will
subsequently be reviewed
and scanned

Agency of the United

RECEIVED

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

JUL 08 2019

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010WELL COMPLETION OR RECOMPLETION REPORT AND LOGS
DISTRICT ARTESIA O.C.D.

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMLC065928A	
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. LITTLEFIELD 33 FEDERAL COM 808H	
3. Address 2208 W MAIN STREET ARTESIA, NM 88210		9. API Well No. 30-015-45169	
3a. Phone No. (include area code) Ph: 575-748-6940		10. Field and Pool, or Exploratory PURPLE SAGE; WOLFCAMP GAS	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 33 T26S R29E Mer NMP At surface SWNW Lot 9 250FSL 781FWL 32.000803 N Lat, 103.995677 W Lon Sec 33 T26S R29E Mer NMP At top prod interval reported below SWNW Lot 9 250FSL 781FWL 32.000803 N Lat, 103.995677 W Lon Sec 28 T26S R29E Mer NMP At total depth NWNW Lot D 202FNL 656FWL 32.020611 N Lat, 103.995796 W Lon		11. Sec., T., R., M., or Block and Survey or Area Sec 33 T26S R29E Mer NMP	
14. Date Spudded 10/19/2018		15. Date T.D. Reached 01/15/2019	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/07/2019		17. Elevations (DF, KB, RT, GL)* 2864 GL	
18. Total Depth: MD 18005 TVD 10834		19. Plug Back T.D.: MD 17920 TVD 10834	
20. Depth Bridge Plug Set: MD 17920 TVD 10834		21. Type Electric & Other Mechanical Logs Run (Submit copy of each)	
22. Was well coréd? <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	575		750		0	
9.875	7.625 L80	29.7	0	10147	2744	2485		0	
6.750	5.500 P110	23.0	0	18005		1533		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	10196	10186						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	10886	17895	10886 TO 17895		1440	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10886 TO 17895	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
06/07/2019	06/07/2019	24	→	234.0	2419.0	2704.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24/64	3398	1450.0	→	234	2419	2704		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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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subsequently be reviewed
and scanned

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

ELECTRONIC SUBMISSION #472319 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** 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	2703			LAMAR	2703
BELL CANYON	2778			BELL CANYON	2778
CHERRY CANYON	3634			CHERRY CANYON	3634
BRUSHY CANYON	4942			BRUSHY CANYON	4942
BONE SPRING LIMESTONE	6466			BONE SPRING LIMESTONE	6466
1ST BONE SPRING	7408			1ST BONE SPRING	7408
2ND BONE SPRING	8201			2ND BONE SPRING	8201
3RD BONE SPRING	9244			3RD BONE SPRING	9244

32. Additional remarks (include plugging procedure):
WOLFCAMP 9591

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 #472319 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad**

Name (please print) AMANDA AVERYTitle AUTHORIZED REPRESENTATIVESignature (Electronic Submission)Date 07/03/2019

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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