

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

Form C-104
Revised August 1, 2011

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 - 025-41181	⁵ Pool Name WC-025 G-06 S263407P; Bone Spring	⁶ Pool Code 97892
⁷ Property Code 39912	⁸ Property Name Gunner 8 Federal Com	⁹ Well Number 6H

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
N	8	26S	34E		190	South	2625	West	Lea

¹¹ Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
C	5	26S	34E		351	North	2296	West	Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date	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
16696	Oxy USA Inc PO Box 4294 Houston, TX 77210	O

IV. Well Completion Data

²¹ Spud Date 6/11/15	²² Ready Date 10/20/15	²³ TD 19640'	²⁴ PBTD 19568'	²⁵ Perforations 10102-19543'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	815'	6506		
12 1/4"	9 5/8"	5393'	1710		
8 3/4"	5 1/2"	19640'	4265		
	2 7/8"	10034'			

V. Well Test Data

³¹ Date New Oil 11/15/15	³² Gas Delivery Date	³³ Test Date 11/17/15	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure 440#	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 245	³⁹ Water 2705	⁴⁰ Gas 561		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: 

Printed name:
Stormi Davis

Title:
Regulatory Analyst

E-mail Address:
sdavis@concho.com

Date:
11/18/15

Phone:
575-748-6946

OIL CONSERVATION DIVISION	
Approved by:	
Title:	Petroleum Engineer
Approval Date:	12/10/15
E-PERMITTING - - New Well _____ Comp <u>PM</u> P&A _____ TA _____ CSNG <u>PM</u> Loc Chng _____ ReComp _____ Add New Well _____ Cancel Well _____ Create Pool _____	

DEC 11 2015

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OGD

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

NOV 23 2015

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM124664
2. Name of Operator COG OPERATING LLC Contact: STORMI DAVIS E-Mail: sdavis@concho.com		6. If Indian, Allottee or Tribe Name
3a. Address 2208 WEST MAIN ARTESIA, NM 88210	3b. Phone No. (include area code) Ph: 575-748-6946	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 8 T26S R34E SESW 190FSL 2625FWL		8. Well Name and No. GUNNER 8 FEDERAL COM 6H
		9. API Well No. 30-025-41181
		10. Field and Pool, or Exploratory WILDCAT
		11. County or Parish, and State LEA COUNTY, NM

12. CHECK 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"/> Fracture Treat	<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		
	<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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

8/14/15 to 8/19/15 MIRU. Load & test 9 5/8" x 5 1/2" annulus to 1600# for 15 mins. Good test.
Set CBP @ 19568'. Test csg to 8473#. Good test. Perforate 19443-19543' (36). Pump injection test.
10/2/15 to 10/20/15 Perforate Bone Spring 10102-19384' (2232). Acidz 10102-19543' w/192932 gal 7 1/2% acid. Frac w/18,927,810# sand & 19,125,133 gal fluid.
10/22/15 Began flowing back & testing.
11/2/15 to 11/11/15 Drilled out all CFP's & cleaned out to CBP @ 19568'.
11/13/15 Set 2 7/8" 6.5# L-80 tbg @ 10034' & pkr @ 9202'.
11/15/15 Date of first production.

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

**Electronic Submission #323872 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Hobbs**

Name (Printed/Typed) STORMI DAVIS	Title PREPARER
Signature (Electronic Submission)	Date 11/18/2015

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.		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 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.

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

5. Lease Serial No.
NMNM124664

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
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 _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator COG OPERATING LLC			Contact: STORMI DAVIS E-Mail: sdavis@concho.com		
3. Address 2208 WEST MAIN ARTESIA, NM 88210			3a. Phone No. (include area code) Ph: 575-748-6946		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 8 T26S R34E Mer At surface SESW 190FSL 2625FWL At top prod interval reported below Sec 5 T26S R34E Mer At total depth NENW 351FNL 2296FWL			8. Lease Name and Well No. GUNNER 8 FEDERAL COM 6H		
14. Date Spudded 06/11/2015			15. Date T.D. Reached 07/10/2015		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/20/2015			9. API Well No. 30-025-41181		
18. Total Depth: MD 19640 TVD 9769			19. Plug Back T.D.: MD 19568 TVD 9769		
20. Depth Bridge Plug Set: MD 19568 TVD 9769			10. Field and Pool, or Exploratory WC-025 G-06 S263407P; BS		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE			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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	815		660		0	
12.250	9.625 J55	40.0	0	5393		1710		0	
8.750	5.500 P110	17.0	0	19640	6392	4265		0	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	10034	9202						

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10102	19543	10102 TO 19543	0.430	2268	OPEN
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
10102 TO 19543	SEE IN REMARKS

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
11/15/2015	11/17/2015	24	→	245.0	561.0	2705.0			FLOW FROM WELL
Choke Size	Tbg. Press. Flwg. 440 SI	Csg. Press.	24 Hr. Rate →	Oil BBL 245	Gas MCF 561	Water BBL 2705	Gas:Oil Ratio	Well Status	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	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

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

ELECTRONIC SUBMISSION #323879 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.)
FLARED

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	5317	5354		RUSTLER	817
BELL CANYON	5355	6385		TOP OF SALT	1176
CHERRY CANYON	6386	8133		BOTTOM OF SALT	5066
BRUSHY CANYON	8134	9639		LAMAR	5317
BONE SPRING LM	9640	9889		BELL CANYON	5355
				CHERRY CANYON	6386
				BRUSHY CANYON	8134
				BONE SPRING LM	9640

32. Additional remarks (include plugging procedure):

Stages 7 1/2% Sand# Fluid (Gal)

1 1512 301467 272286

2 3024 298341 363300

3 3024 299748 309960

4 3012 299029 513144

5 3012 299329 312132

6 3012 298242 334456

7 3012 300500 399744

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 #323879 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Name (please print) STORMI DAVIS

Title PREPARER

Signature (Electronic Submission)

Date 11/18/2015

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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Additional data for transaction #323879 that would not fit on the form

32. Additional remarks, continued

8 3066 300199 352212
9 3024 297715 314244
10 3024 321359 406644
11 3024 299412 297654
12 3024 299289 296058
13 3012 300424 302010
14 3012 298833 313434
15 3024 300408 290220
16 3108 298173 290304
17 3024 299557 295134
18 3000 298751 288348
19 3000 299552 285954
20 3000 299664 283518
21 3054 300724 283866
22 3066 297471 294714
23 3024 300045 283957
24 3012 292545 305832
25 3108 299619 353052
26 3738 299366 331464
27 3066 300270 298137
28 3066 300110 310548
29 3012 298619 313948
30 3012 300591 306956
31 3066 300339 299796
32 2814 298351 305970
33 3012 300221 291718
34 3024 300125 291289
35 3066 299699 294546
36 2982 299832 294798
37 3024 300870 286104
38 3024 300305 289212
39 3066 299630 290932
40 3024 301224 292758
41 3024 301358 290850
42 3024 300420 285096
43 3012 297733 298281
44 3024 301450 286986
45 3570 301352 288960
46 3012 300184 288864
47 3822 302276 301896
48 3234 301662 285390
49 3012 299344 288528