

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 One Concho Center 600 West Illinois Ave. Midland, TX 79701		² OGRID Number 229137
		³ Reason for Filing Code/ Effective Date NW Effective 2/5/16
⁴ API Number 30 - 015 -41617	⁵ Pool Name Empire; Glorieta Yeso, East	⁶ Pool Code 96610
⁷ Property Code 40088	⁸ Property Name Sam Adams 12 Federal Com	⁹ Well Number 13H

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
E	12	17S	29E		1650	North	230	West	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	12	17S	29E		1664	North	371	East	Eddy

¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 2/5/16	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
278421	HollyFrontier Refining & Marketing LLC	O
221115	Frontier Field Services	G

NM OIL CONSERVATION
 ARTESIA DISTRICT
 MAR 14 2016
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IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBDT	²⁵ Perforations	²⁶ DHC, MC
12/21/15	2/5/16	8981MD 4275TVD	8890	4560 - 8877	

²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement
17-1/2	13-3/8	262	450sx
12-1/4	9-5/8	1065	550sx
8-3/4	7	3736	2400sx
8-3/4	5-1/2	8967	
	2-7/8tbg	3794	

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
2/14/16	2/14/16	2/17/16	24	70	70

³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method
	100	1909	67	P

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:

C Jackson

Printed name:

Chasity Jackson

Title:

Regulatory Analyst

E-mail Address:

cjackson@concho.com

Date:

3/5/16

Phone:

432-686-3087

OIL CONSERVATION DIVISION

Approved by:

RD Wade

Title:

Dist R Supervisor

Approval Date:

3-16-16

Pending BLM approvals will subsequently be reviewed and scanned LDO

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

5. Lease Serial No.
NMNM7752

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
SAM ADAMS 12 FEDERAL COM 13H

2. Name of Operator
COG OPERATING LLC
Contact: CHASITY JACKSON
E-Mail: cjackson@concho.com

9. API Well No.
30-015-41617

3a. Address
ONE CONCHO CENTER 600 W. ILLINOIS AVE.
MIDLAND, TX 79701

3b. Phone No. (include area code)
Ph: 432-686-3087

10. Field and Pool, or Exploratory
EMPIRE;GLORIETA-YESO, E

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 12 T17S R29E Mer NMP SWNW 1664FSL 371FEL

11. County or Parish, and State
EDDY 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 Drilling Operations
	<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 recomplete 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 recompletion 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.)

1/15/16 Test 9-5/8? & ?? csg to 4500psi for 15min. Drill additional feet of OH from TD 8967 to new TD 8981.
1/19/16 Spotted 2000 gals acid. Set CBP @ 8897. Pressure test csg to 6109# for 30 min.
1/25/16 Perf 19 stages @ 4560 - 8877 w/6 SPF, 684 holes. Acidize 19 stages w/76,756 gals 15% HCL. Frac w/168,252 gals WaterFrac R3, 1,954,520 gals WaterFrac R11, 204,188 gals treated water, 1,452,570 gals FR water, 1,605,357# 40/70 ottawa sand, 378,312# 40/70 CRC, 1,148,645# 100 Mesh.
1/29/16 RU flowback equipment.
2/3/16 Drill out plugs. Clean out to PBTD 8890.
2/5/16 RIH w/109jts 2-7/8" J55 6.5# tbg, ESP @ 3627, EOT @ 3794. Turn over to production.

NM OIL CONSERVATION
ARTESIA DISTRICT

MAR 14 2016

RECEIVED

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #333007 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad

Name (Printed/Typed) CHASITY JACKSON	Title PREPARER
Signature (Electronic Submission)	Date 03/07/2016

THIS SPACE FOR FEDERAL OR STATE OFF

Pending BLM approvals will subsequently be reviewed and scanned *LD*

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 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 ****

NM OIL CONSERVATION

ARTISTA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 14 2016

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG RECEIVED

5. Lease Serial No.
NMNM7752

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: CHASITY JACKSON E-Mail: cjackson@concho.com	
3. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE MIDLAND, TX 79701		3a. Phone No. (include area code) Ph: 432-686-3087	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWNW 1650FNL 230FEL At top prod interval reported below SWNW 1650FNL 230FEL At total depth SENE 1664FNL 371FWL		8. Lease Name and Well No. SAM ADAMS 12 FEDERAL COM 13H	
14. Date Spudded 12/21/2015		15. Date T.D. Reached 01/05/2016	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/05/2016		9. API Well No. 30-015-41617	
18. Total Depth: MD 8981 TVD 4275		19. Plug Back T.D.: MD 8890 TVD 8890	
20. Depth Bridge Plug Set: MD TVD		10. Field and Pool, or Exploratory EMPIRE; GLORIETA-YESO, E	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON LOG		11. Sec., T., R., M., or Block and Survey or Area Sec 12 T17S R29E Mer NMP	
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)		12. County or Parish EDDY	
23. Casing and Liner Record (Report all strings set in well)		13. State NM	

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Skcs. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5		262		450			
12.250	9.625 J55	40.0		1065		550			
8.750	7.000 L80	29.0		3736		2400			
8.750	5.500 L80	17.0	3736	8967					

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	3794							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	4560	8877	4560 TO 8877	0.430	684	OPEN
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
4560 TO 8877	ACIDIZE W/76,756 GALS 15% HCL. FRAC W/1,452,570 GALS FR WATER, 204,188 GALS TREATED WATER,
4560 TO 8877	2,122,772 GALS WATER FRAC, 1,605,357# 40/70 OTTAWA SAND, 378,312# 40/70 CRC, 1,148,645# 100 MESH.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/13/2016	02/17/2016	24	→	100.0	67.0	1909.0	37.4	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	100	67	1909	670	POW	

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity
			→					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

Pending BLM approvals will subsequently be reviewed and scanned (2)

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
TANSILL	964		LIMESTONE & DOLOMITE	TANSILL	964
YATES	1073		LIMESTONE & DOLOMITE	YATES	1073
SEVEN RIVERS	1352			SEVEN RIVERS	1352
QUEEN	1952		SANDSTONE & DOLOMITE	QUEEN	1952
GRAYBURG	2358		SANDSTONE & DOLOMITE	GRAYBURG	2358
SAN ANDRES	2651		DOLOMITE & LIMESTONE	SAN ANDRES	2651

32. Additional remarks (include plugging procedure):
Log Mailed.

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 #333012 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) CHASITY JACKSON Title PREPARER

Signature _____ (Electronic Submission) Date 03/07/2016

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.

**** ORIGINAL ** ORIGINAL ****