

District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 1301 W. Grand Avenue, 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 October 15, 2009

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 600 West Illinois Ave Midland, TX 79701		² OGRID Number 229137
		³ Reason for Filing Code/ Effective Date RC effective 7/31/15
⁴ API Number 30 - 015 - 38558	⁵ Pool Name Grayburg Jackson; SR-Q-G-SA	⁶ Pool Code 28509
⁷ Property Code 308086	⁸ Property Name Burch Keely Unit	⁹ Well Number 636

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
O	24	17S	29E		10	South	2299	East	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
O	24	17S	29E		20	South	2633	East	Eddy

¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
F	P	7/31/15			

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
1269110	ConocoPhillips Company	O
2813488	Frontier Field Services, LLC	G
NM OIL CONSERVATION ARTESIA DISTRICT AUG 13 2015 RECEIVED		

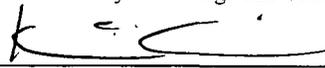
IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBTB	²⁵ Perforations	²⁶ DHC, MC
6/18/11	7/21/11 7/30/15	4836	4180	2900 - 4050	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2	13-3/8	307	400		
11	8-5/8	975	550		
7-7/8	5-1/2	4829	900		
	2-7/8 tbg	4094			

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
8/08/15	7/31/15	8/9/15	24 hrs	70	70
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
	33	188	70	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: 

Printed name: Kanicia Castillo

Title: Lead Regulatory Analyst

E-mail Address: kcastillo@concho.com

Date: 8/10/15 Phone: 432-685-4332

OIL CONSERVATION DIVISION

Approved by: 

Title: Dist. H. Sepman

Approval Date: 8-26-15

Pending BLM approvals will subsequently be reviewed and scanned 

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.
NMLC028784C

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.
BURCH KEELY UNIT 636

2. Name of Operator
COG OPERATING LLC
Contact: KANICIA CASTILLO
E-Mail: kcastillo@concho.com

9. API Well No.
30-015-38558

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

3b. Phone No. (include area code)
Ph: 432-685-4332

10. Field and Pool, or Exploratory
GRAYBURG JACKSON

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 24 T17S R29E Mer NMP 10FSL 2299FWL

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 checked="" type="checkbox"/> Recomplete	<input 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 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.)

Recomplete to the San Andres.

7/21/15 POOH w/rods. NU wellhead. POOH w/tbg and BHA. RIH w/4-3/4 bit and scrapper to 4625?
7/23/15 RIH w/CIBP @ 4180?. Test csg to 4250 for 30mins, good test. Dump 10gals 15% HCl. Perf w/3 Spf @ 3750 ? 4050, 21 holes.
7/24/15 Acidize w/2500 gals 15% acid. Frac w/131,848 gals gel, 151,746# 16/30 Brady sand, 34,130# 16/30 Super LC. Set plug @ 3714?. Perf w/3 SPF @ 3334? ? 3664?, 23 holes. Acidize w/2500 gals 15% acid. Frac w/102,167 gals gel, 152,199# 16/30 Brady sand, 29,637# 16/30 Super LC. Set plug @ 3255?. Perf w/3 SPF @ 2900? ? 3200?, 21 holes. Perf w/2000 gals 15% acid. Frac w/127,535 gals gel 146,866# 16/30 Brady sand, 34,812# 16/30 Super LC.
7/29/15 Drill out plugs. PBTD @ 4180?.
7/30/15 Run in hole w/123jts 2-7/8 tbg, set @ 4094?, SN @ 4037?.

NM OIL CONSERVATION
ARTESIA DISTRICT
AUG 13 2015
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14. I hereby certify that the foregoing is true and correct.

Electronic Submission #312205 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad

Name (Printed/Typed) KANICIA CASTILLO

Title PREPARER

Signature (Electronic Submission)

Date 08/10/2015

THIS SPACE FOR FEDERAL OR STATE C

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

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 ****

Additional data for EC transaction #312205 that would not fit on the form

32. Additional remarks, continued

7/31/15 RIH w/ rods and 2.5"x1.5"x20" Quinn trash pump. Hang on.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
ARTESIA DISTRICT

AUG 13 2015

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMLC028784C

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. NMMN88525X

8. Lease Name and Well No. BURCH KEELY UNIT 636

9. API Well No. 30-015-38558

10. Field and Pool, or Exploratory GRAYBURG/JACKSON-SR-Q-G-SA

11. Sec., T., R., M., or Block and Survey or Area Sec 24 T17S R29E Mer NMP

12. County or Parish EDDY 13. State NM

14. Date Spudded 06/18/2011 15. Date T.D. Reached 06/26/2011 16. Date Completed D & A Ready to Prod. 07/31/2015 17. Elevations (DF, KB, RT, GL)* 3598 GL

18. Total Depth: MD 4836 TVD 4836 19. Plug Back T.D.: MD 4180 TVD 4180 20. Depth Bridge Plug Set: MD 4180 TVD 4180

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN 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
17.500	13.375 H40	48.0		307		400		0	
11.000	8.625 J55	24.0		975		550		0	
7.875	5.500 J55	17.0		4829		990		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	4094							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	2900	3200	2900 TO 3200	0.410	21	OPEN
B) SAN ANDRES	3334	3664	3334 TO 3664	0.410	23	OPEN
C) SAN ANDRES	3750	4050	3750 TO 4050	0.410	21	OPEN
D)			4262 TO 4700	0.410	29	CLOSED CIBP @ 4180

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

Depth Interval	Amount and Type of Material
2900 TO 4050	ACIDIZE W/7,000 GALS 15% ACID.
2900 TO 4050	FRAC W/361,550 GALS GEL, 450,811# 16/30 BRADY SAND, 98,579# 16/30 SUPER LC.

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
07/31/2015	08/09/2015	24	▶	33.0	70.0	188.0	37.9	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	
			▶					POW	

28a. Production - Interval B

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

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