

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 W. Illinois Ave. Midland, TX 79701		² OGRID Number 229137
		³ Reason for Filing Code/ Effective Date NW Effective 2/9/15
⁴ API Number 30 - 015-42748	⁵ Pool Name Burch Keely; Glorieta Upper Yeso	⁶ Pool Code 97918
⁷ Property Code 308086	⁸ Property Name Burch Keely Unit	⁹ Well Number 935H

II. ¹⁰ Surface Location

UL or lot no. L	Section 13	Township 17S	Range 29E	Lot Idn	Feet from the 1650	North/South Line South	Feet from the 200	East/West line West	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. L	Section 18	Township 17S	Range 30E	Lot Idn	Feet from the 1668	North/South line South	Feet from the 341	East/West line West	County Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 2/9/15	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
5097	Conoco Inc.	O
221115	Frontier Field Services	G
NM OIL CONSERVATION ARTESIA DISTRICT		
MAR 16 2015		

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IV. Well Completion Data

²¹ Spud Date 12/24/14	²² Ready Date 2/9/15	²³ TD 10,123MD 4868TVD	²⁴ PBSD 9982	²⁵ Perforations 5148 - 9967	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2	13-3/8	337	400sx		
12-1/4	9-5/8	1082	550sx		
8-3/4	7	4296	0		
7-7/8	5-1/2	10,120	1750sx		
	2-7/8 tbg	4219			

V. Well Test Data

³¹ Date New Oil 2/12/15	³² Gas Delivery Date 2/12/15	³³ Test Date 2/14/15	³⁴ Test Length 24	³⁵ Tbg. Pressure 70	³⁶ Csg. Pressure 70
³⁷ Choke Size	³⁸ Oil 900	³⁹ Water 1101	⁴⁰ Gas 557		⁴¹ Test Method 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:
3/10/15

Phone:
432-686-3087

OIL CONSERVATION DIVISION

Approved by:

ADado

Title:
District Supervisor

Approval Date:
3-18-15

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.
NMNM88525X

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
BURCH KEELY UNIT 935H2. Name of Operator
COG OPERATING LLCContact: CHASITY JACKSON
E-Mail: cjackson@concho.com9. API Well No.
30-015-427483a. Address
ONE CONCHO CENTER 600 W. ILLINOIS AVE
MIDLAND, TX 797013b. Phone No. (include area code)
Ph: 432-686-308710. Field and Pool, or Exploratory
BURCH KEELY

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

Sec 13 T17S R29E Mer NMP NWSW 1650FSL 200FWL

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 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.)

1/24/15 Test frac valve to 7200psi. Spotted 2000 gals acid. Set plug @ 9982. 1/25/15 Perf 15 stages @ 5148 - 9967 w/6 SPF, 36 holes. Acidize 15 stages w/60,621 gals 15% HCL. Frac w/1,810,682 gals gel, 209,526 gals WaterFrac, 284,733 gals treated water, 3,698,008# 20/40 brown sand, 668,220# 20/40 CRC.
2/7/15 Drill out plugs. Clean out to PBSD 9982.
2/8/15 RIH w/120jts 2-7/8" J55 6.5# tbg, EOT @ 4219.
2/9/15 Turn over to production.

NM OIL CONSERVATION
ARTESIA DISTRICT

MAR 16 2015

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

Electronic Submission #294412 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 03/10/2015

THIS SPACE FOR FEDERAL OR STATE

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

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

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 **

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC028784C

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. NMNM88525X	
2. Name of Operator COG OPERATING LLC		8. Lease Name and Well No. BURCH KEELY UNIT 935H	
3. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE MIDLAND, TX 79701		9. API Well No. 30-015-42748	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 13 T17S R29E Mer NMP At surface NWSW 1650FSL 200FWL Sec 13 T17S R29E Mer NMP At top prod interval reported below NWSW 1650FSL 200FWL Sec 18 T17S R30E Mer NMP At total depth NWSW 1668FSL 341FWL		10. Field and Pool, or Exploratory BURCH KEELY	
14. Date Spudded 12/24/2014		15. Date T.D. Reached 01/04/2015	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/09/2015		17. Elevations (DF, KB, RT, GL)* 3619 GL	
18. Total Depth: MD 1012 TVD 4868		19. Plug Back T.D.: MD 9982 TVD 9982	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON CCL/HNGS	
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 Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5		337		400			
12.250	9.625 J55	40.0		1082		550			
8.750	7.000 L80	29.0		4296		0			
7.875	5.500 L80	17.0	4296	10120		1750			

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	4219							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5148	9967	5148 TO 9967	0.430	540	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5148 TO 9967	ACIDIZE W/60,621 GALS 15% ACID. FRAC W/1,810,682 GALS GEL, 284,733 GALS TREATED WATER.
5148 TO 9967	209,526 GALS WATER FRAC, 3,698,008# 20/40 BROWN, 668,220# 20/40 CRC.

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
02/12/2015	02/14/2015	24	→	900.0	557.0	1101.0	40.4	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL 900	Gas MCF 557	Water BBL 1101	Gas:Oil Ratio 619	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
			→					
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 #294415 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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

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.)
VENTED

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
RUSTLER	260	891	ANHYDRITE	RUSTLER	260
SALT	439		SALT	SALT	891
YATES	996		SANDSTONE	YATES	996
QUEEN	1879		SANDSTONE & DOLOMITE	QUEEN	1879
GRAYBURG	2262		SANDSTONE & DOLOMITE	GRAYBURG	2262
SAN ANDRES	2552		DOLOMITE & LIMESTONE	SAN ANDRES	2552
GLORIETA	3947		SANDSTONE	GLORIETA	3947
PADDOCK	4012			PADDOCK	4012

32. Additional remarks (include plugging procedure):
 Will mail log.

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 #294415 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 03/10/2015

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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