

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 11/13/14
⁴ API Number 30 - 015-40884	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 662

II. ¹⁰ Surface Location

UL or lot no. A	Section 26	Township 17S	Range 30E	Lot Idn	Feet from the 1276	North/South Line North	Feet from the 1276	East/West line East	County Eddy
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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
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 11/13/14	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

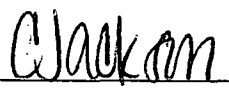
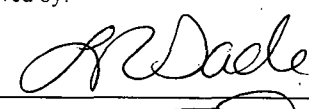
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
5097	Conoco Inc.	O
221115	Frontier Field Services	G
NM OIL CONSERVATION ARTESIA DISTRICT DEC 15 2014 RECEIVED		

IV. Well Completion Data

²¹ Spud Date 10/6/14	²² Ready Date 11/13/14	²³ TD 4770	²⁴ PBDT 4705	²⁵ Perforations 4250 - 4550	²⁶ DHC, MC
²⁷ Hole Size 17-1/2	²⁸ Casing & Tubing Size 13-3/8	²⁹ Depth Set 309	³⁰ Sacks Cement 1175sx		
11	8-5/8	926	500sx		
7-7/8	5-1/2	4742	900sx		
	2-7/8 tbg	4658			

V. Well Test Data

³¹ Date New Oil 11/20/14	³² Gas Delivery Date 11/18/14	³³ Test Date 11/24/14	³⁴ Test Length 24	³⁵ Tbg. Pressure 70	³⁶ Csg. Pressure 70
³⁷ Choke Size	³⁸ Oil 20	³⁹ Water 223	⁴⁰ Gas 36		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: 		OIL CONSERVATION DIVISION Approved by: 	
Printed name: Chasity Jackson		Title: District Supervisor	
Title: Regulatory Analyst		Approval Date: 12/16/14	
E-mail Address: cjackson@concho.com			
Date: 12/8/14	Phone: 432-686-3087		

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.

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. NMLC028784B
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
3a. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE MIDLAND, TX 79701		7. If Unit or CA/Agreement, Name and/or No. NMNM88525X
3b. Phone No. (include area code) Ph: 432-686-3087		8. Well Name and No. BURCH KEELY UNIT 662
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 26 T17S R29E Mer NMP NENE 1276FNL 1276FEL		9. API Well No. 30-015-40884
		10. Field and Pool, or Exploratory BURCH KEELY; GLORIETA-UY
		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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<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.)

10/20/14 Test 5-1/2 BOP to 4500psi, 30min. ok.
10/21/14 Perf Paddock @ 4250 - 4550 w/1 SPF, 26 holes.
11/6/14 Acidize w/1012 gals acid. Frac w/204,037 gals gel, 217,920# 16/30 brady sand, 25,118# 16/30 SLC.
11/12/14 Clean out to PBTD 4705.
11/13/14 RIH w/142jts 2-7/8" 6.5# J55 tbg, EOT @ 4658. RIH w/2-1/2x1-1/2x20 pump. Turn over to production.

NM OIL CONSERVATION
ARTESIA DISTRICT

DEC 15 2014

RECEIVED

14. I hereby certify that the foregoing is true and correct. Electronic Submission #284509 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 12/08/2014

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 _____

Pending BLM approvals will
subsequently be reviewed
and scanned

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.

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

NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3100-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 15 2014

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG RECEIVED

5. Lease Serial No.
NMLC028784B

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.
NMNM88525X

2. Name of Operator
COG OPERATING LLC

Contact: CHASITY JACKSON
E-Mail: cjackson@concho.com

8. Lease Name and Well No.
BURCH KEELY UNIT 662

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

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

9. API Well No.
30-015-40884

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface NENE 1276FNL 1276FEL

At top prod interval reported below NENE 1276FNL 1276FEL

At total depth NENE 1276FNL 1276FEL

10. Field and Pool, or Exploratory
BURCH KEELY; GLORIETA-UY

11. Sec., T., R., M., or Block and Survey
or Area Sec 26 T17S R29E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
10/06/2014

15. Date T.D. Reached
10/12/2014

16. Date Completed
☐ D & A ☒ Ready to Prod.
11/13/2014

17. Elevations (DF, KB, RT, GL)*
3582 GL

18. Total Depth: MD 4770
TVD 4770

19. Plug Back T.D.: MD 4705
TVD 4705

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? ☒ 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5		309		1175			
11.000	8.625 J55	24.0		926		500			
7.875	5.500 J55	17.0		4742		900			

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	4658							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	4250	4550	4250 TO 4550	0.420	26	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4250 TO 4550	ACIDIZE W/1012 GALS ACID.
4250 TO 4550	FRAC W/204,037 GALS GEL, 217,920# 16/30 BRADY SAND, 25,118# 16/30 SLC.

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
11/18/2014	11/24/2014	24	→	20.0	36.0	223.0	38.7	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	
			→	20	36	223	1800	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
			→					

Pending BLM approvals will
subsequently be reviewed
and scanned

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

ELECTRONIC SUBMISSION #284508 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
TANSIL	831		LIMESTONE & DOLOMITE	TANSIL	831
YATES	934		SANDSTONE	YATES	934
QUEEN	1872		SANDSTONE & DOLOMITE	QUEEN	1872
GRAYBURG	2269		SANDSTONE & DOLOMITE	GRAYBURG	2269
SAN ANDRES	2601		DOLOMITE & LIMESTONE	SAN ANDRES	2601
GLORIETA	4126		SANDSTONE	GLORIETA	4126
PADDOCK	4199			PADDOCK	4199

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 #284508 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 12/08/2014

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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