

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 11/4/14
⁴ API Number 30 - 015-40183	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 637

II. ¹⁰ Surface Location

UL or lot no. O	Section 24	Township 17S	Range 29E	Lot Idn	Feet from the 125	North/South Line South	Feet from the 1345	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 11/4/14	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

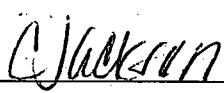

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
5097	Conoco Inc.	O
221115	Frontier Field Services	G
NM OIL CONSERVATION ARTESIA DISTRICT DEC 15 2014 RECEIVED		

IV. Well Completion Data

²¹ Spud Date 9/5/14	²² Ready Date 11/4/14	²³ TD 4770	²⁴ PBDT 4712	²⁵ Perforations 4260 - 4678	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2	13-3/8	270	400		
11	8-5/8	1025	500		
7-7/8	5-1/2	4758	900		
	2-7/8 tbg	4691			

V. Well Test Data

³¹ Date New Oil 11/6/14	³² Gas Delivery Date 11/6/14	³³ Test Date 11/7/14	³⁴ Test Length 24	³⁵ Tbg. Pressure 70	³⁶ Csg. Pressure 70
³⁷ Choke Size	³⁸ Oil 12	³⁹ Water 179	⁴⁰ Gas 40		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: DIST II Supervisor	
Title: Regulatory Analyst		Approval Date: 12/16/2014	
E-mail Address: cjackson@concho.com			
Date: 12/3/14	Phone: 432-686-3087		

Pending BLM approvals will
subsequently be reviewed
and scanned

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 6372. Name of Operator
COG OPERATING LLCContact: CHASITY JACKSON
E-Mail: cjackson@concho.com9. API Well No.
30-015-401833a. 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
GRAYBURG JACKSON

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

Sec 24 T17S R29E Mer NMP SWSE 125FSL 1345FEL

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 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.)

10/6/14 Test 5-1/2 BOP to 3500psi, 30min. ok.

10/6/14 Perf Paddock @ 4490 - 4678 w/2 SPF, 52 holes. Acidize w/662 gals acid. Frac w/102,021 gals gel, 124,900# 16/30 brady sand, 15,400# 16/30 SLC. Set CBP @ 4470.

10/14/14 Perf 2nd stage @ 4260 - 4450 w/2SPF, 26 holes. Acidize w/633 gals acid. Frac w/113,476 gals gel, 114,840# 16/30 brady sand, 15,020# 16/30 SLC.

11/3/14 Drill out CBP, Clean out to PBTD 4712.

11/4/14 RIH w/142jts 2-7/8" 6.5# J55 tbg, EOT @ 4691. 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 #284847 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 12/11/2014

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 States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Department or agency of the United

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNM OIL CONSERVATION
ARTESIA DISTRICT

DEC 15 2014

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010WELL COMPLETION OR RECOMPLETION REPORT AND LOG
RECEIVED5. Lease Serial No.
NMLC028784C1a. 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.
NMNM88525X2. Name of Operator
COG OPERATING LLCContact: CHASITY JACKSON
E-Mail: cjackson@concho.com8. Lease Name and Well No.
BURCH KEELY UNIT 6373. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE
MIDLAND, TX 797013a. Phone No. (include area code)
Ph: 432-686-30879. API Well No.
30-015-40183

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

At surface SWSE 125FSL 1345FEL

At top prod interval reported below SWSE 125FSL 1345FEL

At total depth SWSE 125FSL 1345FEL

10. Field and Pool, or Exploratory
GRAYBURG JACKSON11. Sec., T., R., M., or Block and Survey
or Area Sec 24 T17S R29E Mer NMP12. County or Parish
EDDY13. State
NM14. Date Spudded
09/05/201415. Date T.D. Reached
09/11/201416. Date Completed
☐ D & A ☒ Ready to Prod.
11/04/201417. Elevations (DF, KB, RT, GL)*
3606 GL18. Total Depth: MD 4770
TVD 477019. Plug Back T.D.: MD 4712
TVD 471220. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATED NEUTRON CCL/HNGS22. 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		270		400			
11.000	8.625 J55	24.0		1025		500			
7.875	5.500 J55	17.0		4758		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	4691							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	4260	4678	4260 TO 4450	0.420	26	OPEN
B)			4490 TO 4678	0.420	52	OPEN
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4260 TO 4450	ACIDIZE W/633 GALS ACID.
4260 TO 4450	FRAC W/113,476 GALS GEL, 114,840# 16/30 BRADY SAND, 15,020# 16/30 SLC.
4490 TO 4678	ACIDIZE W/662 GALS ACID.
4490 TO 4678	FRAC W/102,021 GALS GEL, 124,900# 16/30 BRADY SAND, 15,400# 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
11/06/2014	11/07/2014	24	→	12.0	35.0	179.0	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	
			→	12	35	179	2916	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 S.
			→					

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and scanned

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

ELECTRONIC SUBMISSION #284854 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	911		LIMESTONE & DOLOMITE	TANSIL	911
YATES	1016		SANDSTONE	YATES	1016
QUEEN	1961		SANDSTONE & DOLOMITE	QUEEN	1961
GRAYBURG	2344		SANDSTONE & DOLOMITE	GRAYBURG	2341
SAN ANDRES	2688		DOLOMITE & LIMESTONE	SAN ANDRES	2688
GLORIETA	4178		SANDSTONE	GLORIETA	4178
PADDOCK	4243			PADDOCK	4243

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 #284854 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 12/11/2014

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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