

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 RC Effective 8/6/15
⁴ API Number 30 - 015-32992	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 363

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
8L	19	17S	30E	3	1750	South	1070	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
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 8/6/15	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 SEP 21 2015 RECEIVED		

IV. Well Completion Data

²¹ Spud Date 3/27/05	²² Ready Date 8/6/15	²³ TD 4750	²⁴ PBTB 4174	²⁵ Perforations 2927 - 4557	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12-1/4	8-5/8	329	300sx		
7-7/8	5-1/2	4743	1200sx		
	2-7/8 tbg	4129			

V. Well Test Data

³¹ Date New Oil 8/8/15	³² Gas Delivery Date 8/7/15	³³ Test Date 8/21/15	³⁴ Test Length 24	³⁵ Tbg. Pressure 70	³⁶ Csg. Pressure 70
³⁷ Choke Size	³⁸ Oil 28	³⁹ Water 72	⁴⁰ Gas 9	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:

K. Castillo

Printed name:
Kanicia Castillo

Title:
Lead Regulatory Analyst

E-mail Address:
kcastillo@concho.com

Date:
9/16/15

Phone:
432-685-4332

OIL CONSERVATION DIVISION

Approved by:
R. Dade

Title:
Dr. R. Spewer

Approval Date:
9/22/15

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

NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 21 2015

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.
NMLC028793A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
BURCH KEELY UNIT 363

9. API Well No.
30-015-32992

10. Field and Pool, or Exploratory
GRAYBURG JACKSON

11. County or Parish, and State
EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

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

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 24 T17S R30E Mer NMP 1750FSL 1070FWL

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. (Correction)

7/26/15 POOH w/rods. POOH w/tbg and BHA.

7/27/15 RIH w/scrapper. RIH w/ packer @ 4150?. Test csg to for 30mins, good test. POOH w/ packer.

ND BOP. NU Frac valve.

7/28/15 Re-Perf Yeso w/3 Spf @ 4224 ? 4557, 80 holes. Acidize w/2500 gals 15% acid. Frac w/206,286 gals gel, 221,005# 16/30 Brady sand, 28,480# 16/30 Super LC. Set plug @ 4190?. Perf w/3 SPF @ 3759? ? 4044?, 63 holes. Acidize w/2500 gals 15% acid. Frac w/102,963 gals gel, 74,352# 16/30 Brady sand, 3,821# 16/30 Super LC. 7/29/15 Set plug @ 3700?. Perf w/3 SPF @ 3377? ? 3677?, 63 holes. Perf w/2500 gals 15% acid. Frac w/172,542 gals gel 184,223# 16/30 Brady sand, 50,977# 16/30 Super LC. Set plug @ 3300?. Perf w/3 SPF @ 2927? ? 3227?, 75 holes. Perf w/4,000 gals 15% acid. Frac w/44,522 gals gel 1,993# 16/30 Brady sand.

14. I hereby certify that the foregoing is true and correct.
**Electronic Submission #316606 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 09/16/2015

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

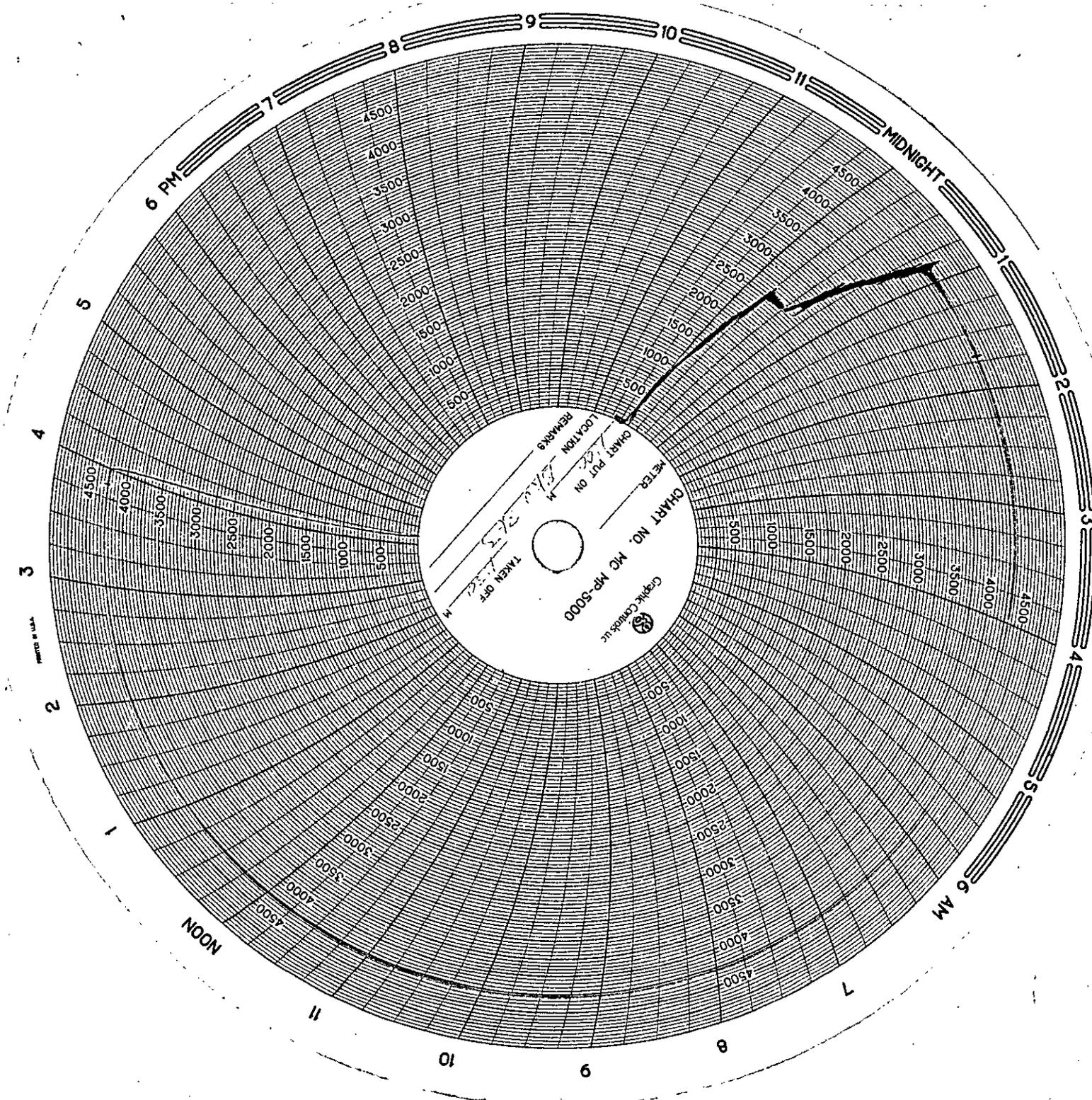
**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #316606 that would not fit on the form

32. Additional remarks, continued

8/05/15 Drill out plugs. PBTD @ 4174?.

8/06/15 Run in hole w/125jts 2-7/8 tbg, set @ 4129?, SN @ 4071?. RIH w/ rods and 2.5?x1.5?x20?pump.
Hang on.



30-015-32992

ARTESIA DISTRICT
SEP 21 2015

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.
NMLC028793A

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

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

3. Address **ONE CONCHO CENTER 600 W ILLINOIS AVE MIDLAND, TX 79701** 3a. Phone No. (include area code) **Ph: 432-685-4332**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **SENE 1750FSL 1070FWL**
 At top prod interval reported below **SENE 1750FSL 1070FWL**
 At total depth **SENE 1750FSL 1070FWL**

6. If Indian, Allottee or Tribe Name _____
 7. Unit or CA Agreement Name and No. **NMNM88525X**
 8. Lease Name and Well No. **BURCH KEELY UNIT 363**
 9. API Well No. **30-015-32992**
 10. Field and Pool, or Exploratory **GRAYBURG JACKSON-SR-Q-G-SA**
 11. Sec., T., R., M., or Block and Survey or Area **Sec 19 T17S R30E Mer NMP**
 12. County or Parish **EDDY** 13. State **NM**
 14. Date Spudded **03/27/2005** 15. Date T.D. Reached **04/05/2005** 16. Date Completed D & A Ready to Prod. **08/06/2015**
 17. Elevations (DF, KB, RT, GL)* **3618 GL**

18. Total Depth: MD **4750** TVD **4750** 19. Plug Back T.D.: MD **4174** TVD **4174** 20. Depth Bridge Plug Set: MD **4174** TVD **7174**

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.375	8.625 J55	24.0		329		300		0	
7.875	5.500 J55	17.0		4743		1200		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	4129							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	2927	3227	2927 TO 4044	0.410	201	OPEN
B) SAN ANDRES	3377	3677	4224 TO 4557	0.410	80	CLOSED CFP @ 4174 - PLAN TO I
C) SAN ANDRES	3759	4044				
D)						

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

Depth Interval	Amount and Type of Material
2927 TO 4044	ACIDIZE W/9,000 GALS 15% ACID.
2927 TO 4044	FRAC W/320,027 GALS GEL, 260,568# 16/30 BRADY SAND, 54,798# 16/30 SUPER LC.
4224 TO 4557	ACIDIZE W/2500 GALS 15% ACID.
4224 TO 4557	FRAC W/ 206,286 GALS GEL, 221,005# 16/30 BRADY SAND, 28,480# 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
08/07/2015	08/21/2015	24	→	28.0	9.0	72.0	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	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	
			→						

Pending BLM approvals will subsequently be reviewed and scanned 

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
YATES	1086			YATES	1086
QUEEN	1991			QUEEN	1991
SAN ANDRES	2704			SAN ANDRES	2704
GLORIETA	4142			GLORIETA	4142

32. Additional remarks (include plugging procedure):

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 #315628 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad**

Name (please print) KANICIA CASTILLO Title PREPARER

Signature _____ (Electronic Submission) Date 09/04/2015

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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