

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. 8L	Section 19	Township 17S	Range 30E	Lot Idn 3	Feet from the 1750	North/South line South	Feet from the 1070	East/West line West	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 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		

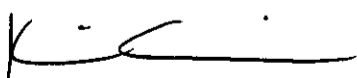
IV. Well Completion Data

²¹ Spud Date 3/27/05	²² Ready Date 8/6/15	²³ TD 4750	²⁴ PBTD 4174	²⁵ Perforations 2927 - 4557	²⁶ DHC, MC
²⁷ Hole Size 12-1/4	²⁸ Casing & Tubing Size 8-5/8	²⁹ Depth Set 329	³⁰ Sacks Cement 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:



Printed name:

Kanicia Castillo

Title:

Lead Regulatory Analyst

E-mail Address:

kcastillo@concho.com

Date:

9/16/15

Phone:

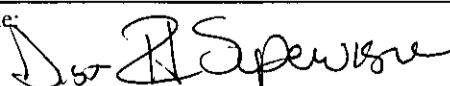
432-685-4332

OIL CONSERVATION DIVISION

Approved by:




Title:



Approval Date:

9/22/15

Pending BLM approvals will subsequently be reviewed and scanned 

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.

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. NMLC028793A
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.
3b. Phone No. (include area code) Ph: 432-685-4332	8. Well Name and No. BURCH KEELY UNIT 363
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 24 T17S R30E Mer NMP 1750FSL 1070FWL	9. API Well No. 30-015-32992
10. Field and Pool, or Exploratory GRAYBURG JACKSON	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 recompleate 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 recompleation 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 States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

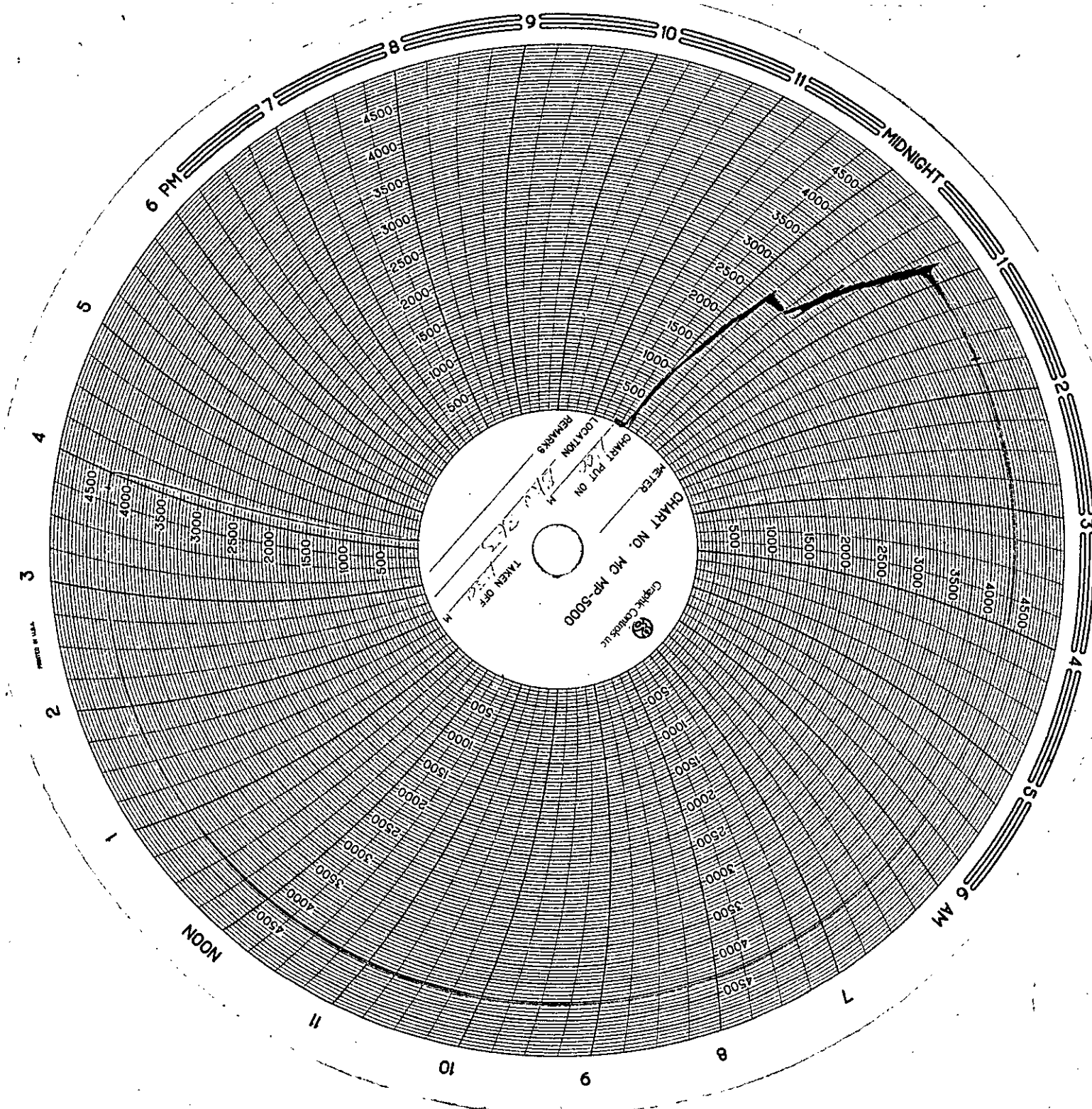
**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #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 2015Form 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 <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 type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" 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 363	
3. Address ONE CONCHO CENTER 600 W ILLINOIS AVE MIDLAND, TX 79701		9. API Well No. 30-015-32992	
3a. Phone No. (include area code) Ph: 432-685-4332		10. Field and Pool, or Exploratory GRAYBURG JACKSON-SR-Q-G-SA	
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		11. Sec., T., R., M., or Block and Survey or Area Sec 19 T17S R30E Mer NMP	
14. Date Spudded 03/27/2005		15. Date T.D. Reached 04/05/2005	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> 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? <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 checked="" type="checkbox"/> No <input 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 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

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)						

26. Perforation Record

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	
			→						
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 #315628 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
YATES QUEEN SAN ANDRES GLORIETA	1086 1991 2704 4142			YATES QUEEN SAN ANDRES GLORIETA	1086 1991 2704 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 CASTILLOTitle PREPARERSignature (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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****