

# NM OIL CONSERVATION

ARTESIA DISTRICT

JAN 06 2016

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.  
NMLC054988B

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
JENKINS B FEDERAL 12

9. API Well No.  
30-015-31559

10. Field and Pool, or Exploratory  
GRAYBURG JACKSON

11. Sec., T., R., M., or Block and Survey  
or Area Sec 20 T17S R30E Mer NMP

12. County or Parish  
EDDY

13. State  
NM

17. Elevations (DF, KB, RT, GL)\*  
3640 GL

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 2310FNL 2310FWL

At top prod interval reported below 2310FNL 2310FWL

At total depth 2310FNL 2310FWL

14. Date Spudded  
02/21/2001

15. Date T.D. Reached  
03/01/2001

16. Date Completed  
 D & A  Ready to Prod.  
12/02/2014

18. Total Depth: MD 4900  
TVD

19. Plug Back T.D.: MD 4220  
TVD

20. Depth Bridge Plug Set: MD 4220  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
N/A

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	48.0		427		450			
12.250	8.625	24.0		1098		600			
7.875	5.500	17.0		4866		1050			

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	4149							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	3100	3975	3100 TO 3975	0.600	162	OPEN
B)			4321 TO 4748	0.410	96	CLOSED CIBP @ 4180 W/40' CLA
C)						
D)						

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

Depth Interval	Amount and Type of Material
3100 TO 3975	383,851 GAL GEL, 456,823 16/30 BRADY SAND, 99,710# 16/30 SLC, 3662 GALS 7.5% HCL ACID.

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
12/07/2014	12/15/2014	24	→	83.0	140.0	324.0	35.3	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	
SI			→					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	
SI			→						

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

ELECTRONIC SUBMISSION #288749 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	
			→						

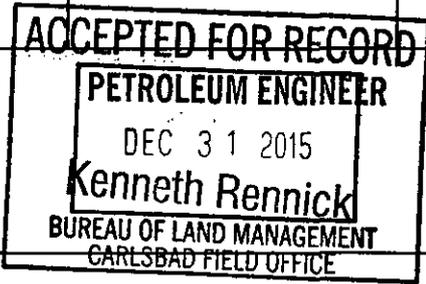
28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
**CAPTURED**

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.

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
QUEEN	2070				
SAN ANDRES	2821				
GLORIETA	4254				
YESO	4318				

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 #288749 Verified by the BLM Well Information System.  
 For COG OPERATING LLC, sent to the Carlsbad  
 Committed to AFMSS for processing by DEBORAH HAM on 04/21/2015 ()

Name (please print) KANICIA CASTILLO Title PREPARER

Signature (Electronic Submission) Date 01/21/2015

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 \*\***

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office  
 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-3559	<sup>2</sup> Pool Code 28509	<sup>3</sup> Pool Name Grayburg Jackson;SR-Q-G-SA
<sup>4</sup> Property Code 302510	<sup>5</sup> Property Name Jenkins B Federal	
<sup>7</sup> OGRID No. 229137	<sup>8</sup> Operator Name COG Operating LLC	<sup>6</sup> Well Number 12  <sup>9</sup> Elevation 3640

<sup>10</sup> Surface Location

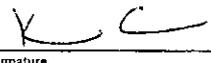
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	20	17S	30E		2310	North	2310	West	Eddy

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
-------------------------------------	-------------------------------	----------------------------------	-------------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	<p><b><sup>17</sup> OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</p> <p> 6/5/14 Signature Date</p> <p>Kanicia Castillo Printed Name</p> <p>kcastillo@concho.com E-mail Address</p>
	<p><b><sup>18</sup> SURVEYOR CERTIFICATION</b> I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p>
	<p>Date of Survey Signature and Seal of Professional Surveyor:</p>
	<p>Certificate Number</p>