

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

|   |  |   |
|---|--|---|
| <sup>1</sup> Operator name and Address<br><b>COG Operating LLC</b><br>600 West Texas Ave<br>Midland, TX 79701 |  | <sup>2</sup> OGRID Number<br><b>229137</b>                                  |
|   |  | <sup>3</sup> Reason for Filing Code/ Effective Date<br>RC Effective 6/12/15 |
| <sup>4</sup> API Number<br><b>30 – 015-33472</b>  | <sup>5</sup> Pool Name<br>Grayburg Jackson;SR-Q-SA | <sup>6</sup> Pool Code<br>28509   |
| <sup>7</sup> Property Code<br>302510  | <sup>8</sup> Property Name<br>Jenkins B Federal    | <sup>9</sup> Well Number<br>15Q   |

II. <sup>10</sup> Surface Location

|                           |                      |                        |                     |         |                              |                                  |                              |                               |                       |
|---------------------------|----------------------|------------------------|---------------------|---------|------------------------------|----------------------------------|------------------------------|-------------------------------|-----------------------|
| Ul or lot no.<br><b>F</b> | Section<br><b>20</b> | Township<br><b>17S</b> | Range<br><b>30E</b> | Lot Idn | Feet from the<br><b>1500</b> | North/South line<br><b>North</b> | Feet from the<br><b>2310</b> | East/West line<br><b>West</b> | County<br><b>Eddy</b> |
|---------------------------|----------------------|------------------------|---------------------|---------|------------------------------|----------------------------------|------------------------------|-------------------------------|-----------------------|

<sup>11</sup> 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 |
| <sup>12</sup> Lse Code<br><b>F</b> | <sup>13</sup> Producing Method Code<br><b>P</b> | <sup>14</sup> Gas Connection Date<br>6/12/15 | <sup>15</sup> C-129 Permit Number | <sup>16</sup> C-129 Effective Date | <sup>17</sup> C-129 Expiration Date |                  |               |                |        |

III. Oil and Gas Transporters

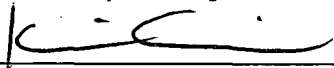

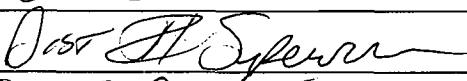

|                                 |   |                     |
|---------------------------------|---|---------------------|
| <sup>18</sup> Transporter OGRID | <sup>19</sup> Transporter Name and Address    | <sup>20</sup> O/G/W |
| <b>15694</b>                    | <b>Holy Frontier Refining &amp; Marketing</b> | <b>O</b>            |
| <b>36785</b>                    | <b>DCP Midstream</b>                          | <b>G</b>            |
| <b>NM OIL CONSERVATION</b>      |   |                     |
| ARTESIA DISTRICT                |   |                     |
| <b>JUL 06 2015</b>              |   |                     |
| <b>RECEIVED</b>                 |   |                     |

IV. Well Completion Data

|                                       |                                     |                          |                            |   |                       |
|---------------------------------------|-------------------------------------|--------------------------|----------------------------|---|-----------------------|
| <sup>21</sup> Spud Date<br>05/05/2005 | <sup>22</sup> Ready Date<br>6/12/15 | <sup>23</sup> TD<br>4935 | <sup>24</sup> PBSD<br>3981 | <sup>25</sup> Perforations<br>3046 - 3579 | <sup>26</sup> DHC, MC |
| <sup>27</sup> Hole Size               | <sup>28</sup> Casing & Tubing Size  | <sup>29</sup> Depth Set  | <sup>30</sup> Sacks Cement |   |                       |
| Same                                  |                                     |                          |                            |   |                       |
|                                       |                                     |                          |                            |   |                       |
|                                       |                                     |                          |                            |   |                       |
|                                       | 2-7/8 tbg                           | 3626                     |                            |   |                       |

V. Well Test Data

|                                       |  |                                    |                                     |                                   |                                   |
|---------------------------------------|--|------------------------------------|-------------------------------------|-----------------------------------|-----------------------------------|
| <sup>31</sup> Date New Oil<br>6/18/15 | <sup>32</sup> Gas Delivery Date<br>6/12/15 | <sup>33</sup> Test Date<br>6/18/15 | <sup>34</sup> Test Length<br>24 HRS | <sup>35</sup> Tbg. Pressure<br>70 | <sup>36</sup> Csg. Pressure<br>70 |
| <sup>37</sup> Choke Size              | <sup>38</sup> Oil<br>6                     | <sup>39</sup> Water<br>54          | <sup>40</sup> Gas<br>33             |                                   | <sup>41</sup> Test Method<br>P    |

|  |  |
|--|--|
| <sup>42</sup> 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.<br>Signature:  | <div>OIL CONSERVATION DIVISION</div> <div>Approved by: </div> <div>Title: </div> <div>Approval Date: 7-9-15</div> <div>Pending BLM approvals will subsequently be reviewed and scanned </div> |
| Printed name:<br>Kanicia Castillo  |  |
| Title:<br>Lead Regulatory Analyst  |  |
| E-mail Address:<br>kcastillo@concho.com  |  |
| Date:<br>6/12/15   | Phone:<br>432-685-4332   |

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.  
NMLC054988B

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

JENKINS B FEDERAL 15Q

2. Name of Operator

COG OPERATING LLC

Contact: KANICIA CASTILLO

E-Mail: kcastillo@concho.com

9. API Well No.

30-015-33472

3a. Address

ONE CONCHO CENTER 600 W ILLINOIS AVE  
MIDLAND, TX 79701

3b. Phone No. (include area code).

Ph: 432-685-4332

10. Field and Pool, or Exploratory  
GRBG;JCKN;SR-Q-G-SA

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

Sec 20 T17S R30E Mer NMP 1500FNL 2310FWL

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 recomplate 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 San Andres oil well.

6/8/15 MIRU. Packer set @ 4239?. Release packer. POOH w/ tbg, packer, on/off tool. RIH w/4-3/4? bit, bit sub, scraper. Ran bit past 4640?. POOH. Prep for WL. SD.

6/9/15 Set 5.5? CIBP @ 4222?. 241? class C cmt on top of CIBP. Top of cmt at 3981?. Set CIBP @ 3713?. 48? Class C cmt on top of CIBP. TOC @ 3665?.

6/10/15 Pump down tbg into production casing, received clear returns. Displace FW w/2% KCL mixed w/55gals Catalyst Cat 250PF. Rig up pressure recorder. Good test. Chart attached. Perf 3271 ? 3579, 6 SPF, 41? holes. Perf 3046 ? 3246, 6 SPF, 41? holes. Dump 10 gals 15% acid. Acidize w/10,000 gals HCL. Dropped 2 salt dumps. Flushed to clear acid and dissolve salt block.

**NM OIL CONSERVATION**

ARTESIA DISTRICT

JUL 06 2015

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14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #306496 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 06/24/2015

**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 *[Signature]*Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly to  
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

Department or agency of the United States

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

**Additional data for EC transaction #306496 that would not fit on the form**

**32. Additional remarks, continued**

6/11/15 RIH w/120 jts 2-7/8 tbg, EOT @ 3626.

6/12/15 RIH w/rods and RXBC production pump. Pressure test to 500#, good test. Turn to production.

**JUL 06 2015**

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**

|  |  |   |  |  |  |
|--|--|---|--|--|--|
| 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 checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.<br>Other _____                |  |   | 7. Unit or CA Agreement Name and No.   |  |  |
| 2. Name of Operator<br>COG OPERATING LLC    Contact: KANICIA CASTILLO<br>E-Mail: kcastillo@concho.com  |  |   | 8. Lease Name and Well No.<br>JENKINS B FEDERAL 15Q  |  |  |
| 3. Address ONE CONCHO CENTER 600 W ILLINOIS AVE<br>MIDLAND, TX 79701   |  |   | 9. API Well No.<br>30-015-33472  |  |  |
| 3a. Phone No. (include area code)<br>Ph: 432-685-4332  |  |   | 10. Field and Pool, or Exploratory<br>GRAYBURG JACKSON-SR-Q-G-SA   |  |  |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br><br>At surface SENE 1500FNL 2310FWL<br><br>At top prod interval reported below SENE 1500FNL 2310FWL<br><br>At total depth SENE 1500FNL 2310FWL |  |   | 11. Sec., T., R., M., or Block and Survey<br>or Area Sec 20 T17S R30E Mer NMP  |  |  |
| 14. Date Spudded<br>05/05/2005   |  |   | 15. Date T.D. Reached<br>05/07/2005  |  |  |
| 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.<br>06/12/2015  |  |   | 17. Elevations (DF, KB, RT, GL)*<br>3648 GL  |  |  |
| 18. Total Depth: MD 4935<br>TVD 4935   |  | 19. Plug Back T.D.: MD 3981<br>TVD 3981 |  | 20. Depth Bridge Plug Set: MD 3713<br>TVD 3713 |  |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br>CN  |  |   | 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>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 Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 17.500    | 13.375 H40 | 48.0        |          | 421         |                      | 475                          |                   | 0           |               |
| 12.250    | 8.625 J55  | 40.0        |          | 1055        |                      | 575                          |                   | 0           |               |
| 7.875     | 5.500 J55  | 15.5        |          | 4919        |                      | 1100                         |                   | 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 | 3626           |                   |      |                |                   |      |                |                   |

**25. Producing Intervals**

**26. Perforation Record**

| Formation     | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status               |
|---------------|------|--------|---------------------|-------|-----------|----------------------------|
| A) SAN ANDRES | 3046 | 3246   | 3046 TO 3246        | 0.410 | 57        | OPEN                       |
| B) SAN ANDRES | 3271 | 3579   | 3271 TO 3579        | 0.410 | 57        | OPEN                       |
| C)            |      |        | 4312 TO 4715        | 0.410 | 97        | CLOSED CIBP @ 4222, CIBP @ |
| D)            |      |        |                     |       |           |                            |

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

| Depth Interval | Amount and Type of Material |
|----------------|-----------------------------|
| 3046 TO 3579   | 10,010 GALS 15% 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     |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-----------------------|
| 06/18/2015          | 06/18/2015           | 24           | →               | 6.0     | 33.0    | 54.0      | 35.1                  | 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 #307301 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      | 1122 |        | SAND                         | YATES      | 1122        |
| QUEEN      | 2046 |        | SAND                         | TANSIL     | 2046        |
| SAN ANDRES | 2779 |        | DOLOMITE & ANHYDRITE         | SAN ANDRES | 2779        |
| GLORIETA   | 4190 |        | SAND & DOLOMITE              | GLORIETA   | 4190        |
| YESO       | 4268 |        | DOLOMITE & ANHYDROTE         | YESO       | 4268        |

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 #307301 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 06/29/2015

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 \*\***