

|                      |          |                  |                        |             |                          |
|----------------------|----------|------------------|------------------------|-------------|--------------------------|
| 4/07/2016<br>DATE IN | SUSPENSE | MAni<br>ENGINEER | 4/08/2016<br>LOGGED IN | CTB<br>TYPE | PMA1609934934<br>APP NO. |
|----------------------|----------|------------------|------------------------|-------------|--------------------------|

ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
- Engineering Bureau -  
1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

CTB-787  
606 operating, LLC  
229137

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement  
☐ DHC ☒ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
- [D] Other: Specify \_\_\_\_\_
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply
- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

Branex-COG Federal  
 #10 API# 30-025-40871  
 #11 API# 30-025-40978  
 #12 API# 30-025-40979  
 #13 API# 30-025-40980  
 #15H API# 30-025-42906  
 #18H API# 30-025-41007

Pool  
 - Maljamar, yes west  
 44500

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate and complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note: Statement must be completed by an individual with managerial and/or supervisory capacity.**

Kanicia Castillo

Print or Type Name

Signature

Lead Regulatory Analyst

Title

2/1/16

Date

kcastillo@concho.com

e-mail Address

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240  
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State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                            |                                     |                                 |
|----------------------------|-------------------------------------|---------------------------------|
| API Number<br>30-025-40871 | Pool Code<br>44500                  | Pool Name<br>Maljamar;Yeso-West |
| Property Code<br>39558     | Property Name<br>BRANEX-COG FEDERAL | Well Number<br>10               |
| OGRID No.<br>229137        | Operator Name<br>COG OPERATING, LLC | Elevation<br>4063'              |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| L             | 9       | 17-S     | 32-E  |         | 1650          | SOUTH            | 330           | WEST           | LEA    |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|               |         |          |       |         |               |                  |               |                |        |

|                         |                 |                    |           |
|-------------------------|-----------------|--------------------|-----------|
| Dedicated Acres<br>40.0 | Joint or Infill | Consolidation Code | 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>GEODETIC COORDINATES<br/>NAD 27 NME</p> <p>SURFACE LOCATION<br/>Y=672050.7 N<br/>X=670405.0 E</p> <p>LAT.=32.846322° N<br/>LONG.=103.778477° W</p>                                                                                                                                                                                                                                                                                                                                              | <p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>2/12/13<br/>Date</p> <p>Signature<br/>Brian Maiorino<br/>Printed Name<br/>bmaiorino@concho.com<br/>E-mail Address</p> |
|  | <p><b>SURVEYOR CERTIFICATION</b></p> <p>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>JUNE 13, 2012</p> <p>Date of Survey</p> <p>Signature &amp; Seal of Professional Surveyor:</p> <p> </p> <p>Certificate Number: Gary G. Eidson 12641<br/>Ronald J. Eidson 3239</p> <p>AF REL W.O. #12.13.1482 JWSC W.O.: 12.13.1980</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                                   |                                            |                                          |
|-----------------------------------|--------------------------------------------|------------------------------------------|
| API Number<br><b>30-025-40978</b> | Pool Code<br><b>44550</b>                  | Pool Name<br><b>MALJAMAR; YESO, WEST</b> |
| Property Code<br><b>39558</b>     | Property Name<br><b>BRANEX-COG FEDERAL</b> | Well Number<br><b>11</b>                 |
| OGRID No.<br><b>229137</b>        | Operator Name<br><b>COG OPERATING, LLC</b> | Elevation<br><b>4069'</b>                |

Surface Location

| UL or lot No. | Section  | Township    | Range       | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|------------|
| <b>L</b>      | <b>9</b> | <b>17-S</b> | <b>32-E</b> |         | <b>1650</b>   | <b>SOUTH</b>     | <b>990</b>    | <b>WEST</b>    | <b>LEA</b> |

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 |
|------------------------------|-----------------|--------------------|-----------|---------|---------------|------------------|---------------|----------------|--------|
|                              |                 |                    |           |         |               |                  |               |                |        |
| Dedicated Acres<br><b>40</b> | Joint or Infill | Consolidation Code | 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>GEODETIC COORDINATES<br/>NAD 27 NME</p> <p>SURFACE LOCATION<br/>Y=672052.5 N<br/>X=671064.8 E</p> <p>LAT.=32.846317° N<br/>LONG.=103.776329° W</p> <p>990' SEE DETAIL</p> <p>1650'</p> <p>DETAIL<br/>4068.7' 4072.7'<br/>600' 600'<br/>4065.6' 4067.3'</p> | <p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Robyn M. Odom</i> 8/09/2012<br/>Signature Date</p> <p><b>Robyn M. Odom</b><br/>Printed Name</p> <p><b>Rodom@concho.com</b><br/>E-mail Address</p> |
|                                                                                                                                                                                                                                                               | <p><b>SURVEYOR CERTIFICATION</b></p> <p>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><b>JUNE 15, 2012</b></p> <p>Date of Survey</p> <p>Signature &amp; Seal of Professional Surveyor:</p> <p><i>Ronald J. Eidson</i> 11/29/2012<br/>Certificate Number Gary C. Eidson 12641<br/>Ronald J. Eidson 3239</p> <p>AF REL. W.O. #12.13.1483 TWSC W.O.: 12.13.1981</p>                                                                                                                                                         |

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                   |                                            |                                          |
|-----------------------------------|--------------------------------------------|------------------------------------------|
| API Number<br><b>30-025-40979</b> | Pool Code<br><b>44500</b>                  | Pool Name<br><b>MALJAMAR; YESO, WEST</b> |
| Property Code<br><b>39558</b>     | Property Name<br><b>BRANEX-COG FEDERAL</b> | Well Number<br><b>12</b>                 |
| OGRID No.<br><b>229137</b>        | Operator Name<br><b>COG OPERATING, LLC</b> | Elevation<br><b>4072'</b>                |

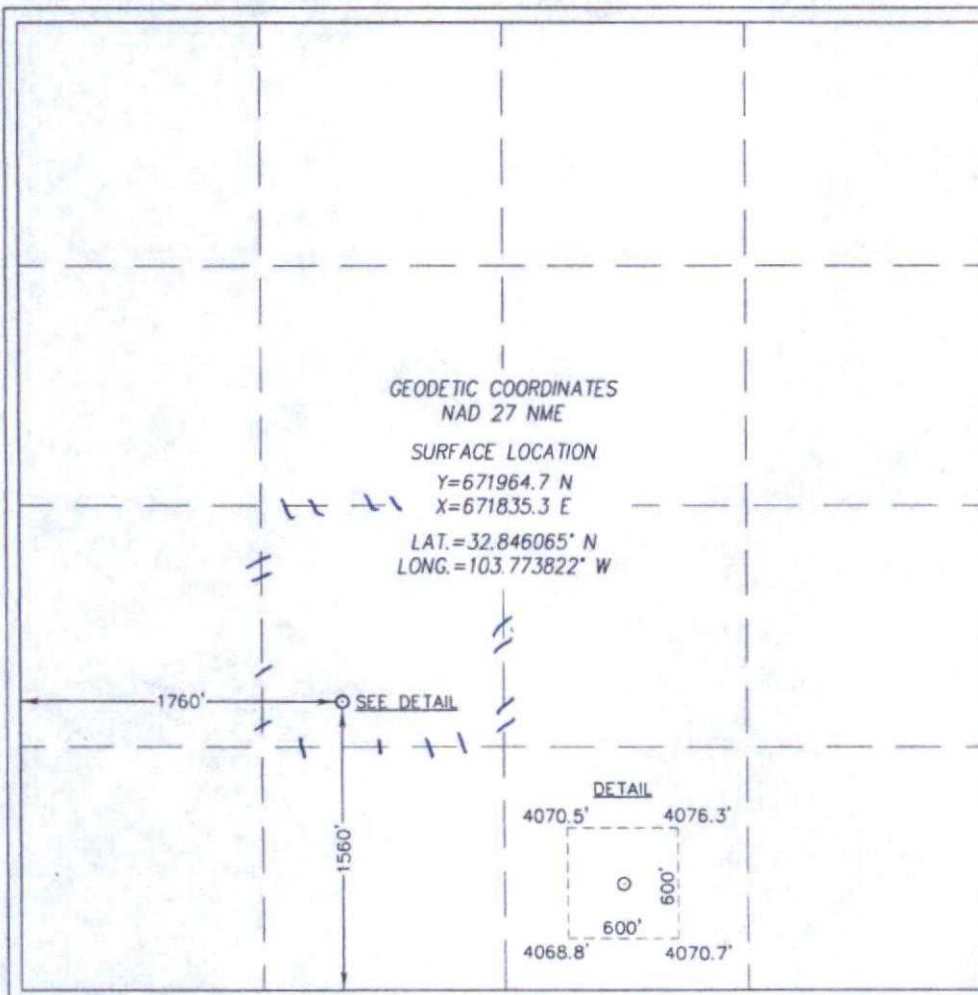
Surface Location

|                           |                     |                         |                      |         |                              |                                  |                              |                               |                      |
|---------------------------|---------------------|-------------------------|----------------------|---------|------------------------------|----------------------------------|------------------------------|-------------------------------|----------------------|
| UL or lot No.<br><b>K</b> | Section<br><b>9</b> | Township<br><b>17-S</b> | Range<br><b>32-E</b> | Lot Idn | Feet from the<br><b>1560</b> | North/South line<br><b>SOUTH</b> | Feet from the<br><b>1760</b> | East/West line<br><b>WEST</b> | County<br><b>LEA</b> |
|---------------------------|---------------------|-------------------------|----------------------|---------|------------------------------|----------------------------------|------------------------------|-------------------------------|----------------------|

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 |
| Dedicated Acres<br><b>40</b> | Joint or Infill | Consolidation Code | Order No. |         |               |                  |               |                |        |

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OPERATOR CERTIFICATION

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Signature *Robyn M. Odom* Date **8/12/2013**  
Printed Name **Robyn M. Odom**  
E-mail Address **Rodom@concho.com**

SURVEYOR CERTIFICATION

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.

**JUNE 15, 2012**

Date of Survey  
Signature & Seal of Professional Surveyor:

*Ronald J. Eidson* **11/28/2012**  
Certificate Number **3239**  
Gary G. Eidson 12641  
Ronald J. Eidson 3239  
AF REL. W.O. # 12.13.1484 JWSC W.O.: 12.13.1982

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WELL LOCATION AND ACREAGE DEDICATION PLAT

|                            |                                     |                                   |
|----------------------------|-------------------------------------|-----------------------------------|
| API Number<br>30-025-40980 | Pool Code<br>44500                  | Pool Name<br>MALJAMAR; YESO, WEST |
| Property Code<br>39558     | Property Name<br>BRANEX-COG FEDERAL | Well Number<br>13                 |
| OGRID No.<br>229137        | Operator Name<br>COG OPERATING, LLC | Elevation<br>4076'                |

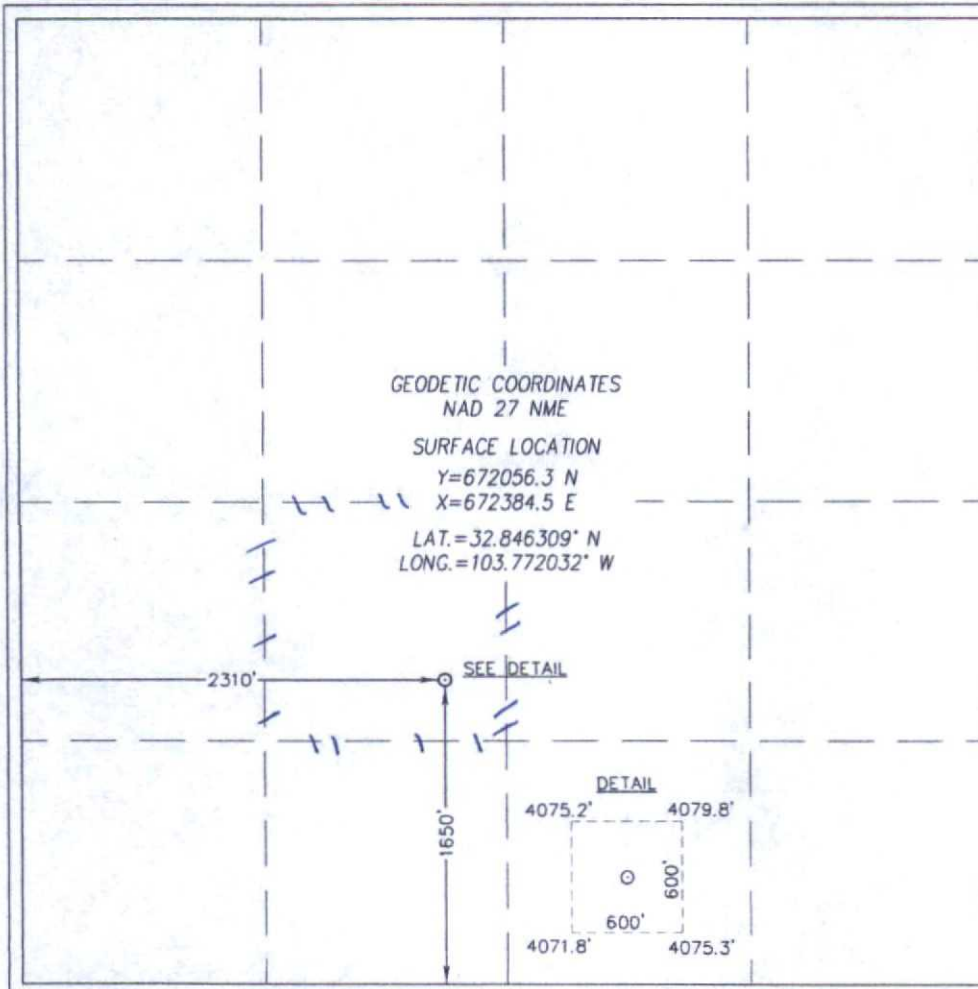
Surface Location

|                    |              |                  |               |         |                       |                           |                       |                        |               |
|--------------------|--------------|------------------|---------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot No.<br>K | Section<br>9 | Township<br>17-S | Range<br>32-E | Lot Idn | Feet from the<br>1650 | North/South line<br>SOUTH | Feet from the<br>2310 | East/West line<br>WEST | County<br>LEA |
|--------------------|--------------|------------------|---------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------|

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 |
| Dedicated Acres<br>40 | Joint or Infill | Consolidation Code | Order No. |         |               |                  |               |                |        |

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OPERATOR CERTIFICATION

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Signature: *Robyn M. Odom* Date: 8/12/2013  
Printed Name: Robyn M. Odom  
E-mail Address: Rodom@concho.com

SURVEYOR CERTIFICATION

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.

JUNE 15, 2012

Date of Survey  
Signature & Seal of Professional Surveyor:

*Ronald J. Eidson* 11/28/2012  
Certificate Number: Gary G. Eidson 12641  
Ronald J. Eidson 3239  
AF REL. W.O. # 12.13.1485 JWSC W.O. # 12.13.1983

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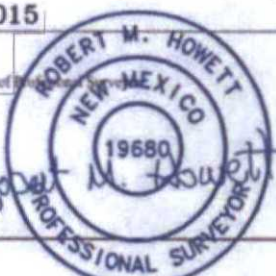
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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                                                   |                     |                                                  |                     |                                          |                               |
|---------------------------------------------------|---------------------|--------------------------------------------------|---------------------|------------------------------------------|-------------------------------|
| 1 API Number<br><b>30-025-42906</b>               |                     | 2 Pool Code<br><b>44500</b>                      |                     | 3 Pool Name<br><b>Maljamar-Yeso West</b> |                               |
| 4 Property Code<br><b>39558</b>                   |                     | 5 Property Name<br><b>BRANEX-COG FEDERAL COM</b> |                     |                                          | 6 Well Number<br><b>15H</b>   |
| 7 OGRID NO.<br><b>229137</b>                      |                     | 8 Operator Name<br><b>COG OPERATING, LLC</b>     |                     |                                          | 9 Elevation<br><b>4067'</b>   |
| 10 Surface Location                               |                     |                                                  |                     |                                          |                               |
| UL or lot no.<br><b>L</b>                         | Section<br><b>9</b> | Township<br><b>17S</b>                           | Range<br><b>32E</b> | Lot Idn<br><b>2310</b>                   | Feet from the<br><b>SOUTH</b> |
|                                                   |                     |                                                  |                     | Feet From the<br><b>150</b>              | East West line<br><b>WEST</b> |
|                                                   |                     |                                                  |                     | County<br><b>LEA</b>                     |                               |
| 11 Bottom Hole Location If Different From Surface |                     |                                                  |                     |                                          |                               |
| UL or lot no.<br><b>I</b>                         | Section<br><b>9</b> | Township<br><b>17S</b>                           | Range<br><b>32E</b> | Lot Idn<br><b>2312</b>                   | Feet from the<br><b>SOUTH</b> |
|                                                   |                     |                                                  |                     | Feet from the<br><b>330</b>              | East West line<br><b>EAST</b> |
|                                                   |                     |                                                  |                     | County<br><b>LEA</b>                     |                               |
| 12 Dedicated Acres<br><b>160</b>                  |                     | 13 Joint or Infill                               |                     | 14 Consolidation Code                    |                               |
|                                                   |                     |                                                  |                     | 15 Order No.                             |                               |

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <p>10 (C) <b>GEODETIC DATA</b><br/>NAD 27 GRID - NM EAST</p> <p><b>SURFACE LOCATION</b><br/>N 672710.0 - E 670220.4<br/>LAT: 32.84813672° N<br/>LONG: 103.77906688° W</p> <p><b>BOTTOM HOLE</b><br/>N 672725.6 - E 675024.2</p>                                                                                                                                                                                                                                                      |  | <p><b>CORNER DATA</b><br/>NAD 27 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1913"<br/>N 670400.2 - E 670086.3</p> <p>B: FOUND BRASS CAP "1913"<br/>N 673038.1 - E 670068.2</p> <p>C: FOUND PK NAIL<br/>N 675677.6 - E 670065.6</p> <p>D: CALCULATED CORNER<br/>N 675698.0 - E 675338.3</p> |  | <p>E: FOUND BRASS CAP "1913"<br/>N 670415.4 - E 675366.5</p> <p>F: FOUND 1" IRON PIPE<br/>N 670407.8 - E 672725.7</p> <p>1: CALCULATED POINT<br/>N 671719.1 - E 670077.3</p> <p>2: CALCULATED POINT<br/>N 671736.1 - E 675359.4</p> <p>3: CALCULATED POINT<br/>N 673056.7 - E 675352.4</p> |  | <p>11 <b>OPERATOR CERTIFICATION</b><br/>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 pending approval by the Division.</p> <p><br/>Signature<br/><b>6-11-15</b><br/>Date<br/><b>Kelly J. Holly</b><br/>Printed Name<br/><b>kholly@concho.com</b><br/>E-mail Address</p> |  |
| <p>12 <b>SURVEYOR CERTIFICATION</b><br/>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><b>4-29-2015</b><br/>Date of Survey<br/>Signature and Seal of Registered Surveyor<br/><br/><b>19680</b><br/>Certificate Number</p> |  | <p>13 <b>DETAIL "A"</b></p> <p>Project Area<br/>N 89°48'47" E (GRID) 4805.02' (HORIZ.)</p> <p>Producing Area</p> <p>SEE DETAIL "A"</p> <p>Estimated Completed Interval<br/>2310 FSL<br/>330 FWL</p> <p>4069.1' 600' 4071.9'<br/>4067.9' 600' 4070.6'</p> <p>2310' 2312'</p>               |  |                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |

RRC - Firm No.: TX 10193838 NM 4655451 - Job No.: LS1504167

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 Grande 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, New Mexico 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                   |                                                |                                         |
|-----------------------------------|------------------------------------------------|-----------------------------------------|
| API Number<br><b>30-025-41007</b> | Pool Code<br><b>44500</b>                      | Pool Name<br><b>Maljamar; YEsO West</b> |
| Property Code<br><b>39744</b>     | Property Name<br><b>BRANEX-COG FEDERAL COM</b> | Well Number<br><b>18H</b>               |
| OGRID No.<br><b>229137</b>        | Operator Name<br><b>COG OPERATING, LLC</b>     | Elevation<br><b>4055'</b>               |

| Surface Location |         |          |       |         |               |                  |               |                |        |
|------------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot No.    | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| M                | 9       | 17-S     | 32-E  |         | 330           | SOUTH            | 330           | WEST           | LEA    |

| 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 |
| M                                              | 10      | 17-S            | 32-E               |           | 330           | SOUTH            | 990           | WEST           | LEA    |
| Dedicated Acres                                |         | Joint or Infill | Consolidation Code | Order No. |               |                  |               |                |        |
| 200                                            |         |                 |                    |           |               |                  |               |                |        |

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>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>[Signature]</i> <b>2-16-15</b><br/>Signature Date</p> <p><b>Kelly J. Holly</b><br/>Printed Name</p> <p><b>kholly@concho.com</b><br/>E-mail Address</p> |                            |   |                            |   |                            |   |                            |   |                            |   |                            |                                                                                                                                                            |
| <p><b>GEODETIC COORDINATES</b><br/>NAD 27 NME<br/>SURFACE LOCATION<br/>Y=670731.0 N<br/>X=670413.9 E<br/>LAT.=32.842695° N<br/>LONG.=103.778471° W</p>                                                                                                                                                                                                                                                                                                                                                                                               | <p><b>CORNER COORDINATES TABLE</b><br/>NAD 27 NME</p> <table border="1"> <tr><td>A</td><td>Y=671719.2 N, X=670077.3 E</td></tr> <tr><td>B</td><td>Y=671735.3 N, X=675358.9 E</td></tr> <tr><td>C</td><td>Y=671739.5 N, X=676678.1 E</td></tr> <tr><td>D</td><td>Y=670422.7 N, X=678686.0 E</td></tr> <tr><td>E</td><td>Y=670415.4 N, X=675366.5 E</td></tr> <tr><td>F</td><td>Y=670400.2 N, X=670086.2 E</td></tr> </table> | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Y=671719.2 N, X=670077.3 E | B | Y=671735.3 N, X=675358.9 E | C | Y=671739.5 N, X=676678.1 E | D | Y=670422.7 N, X=678686.0 E | E | Y=670415.4 N, X=675366.5 E | F | Y=670400.2 N, X=670086.2 E | <p><b>GEODETIC COORDINATES</b><br/>NAD 27 NME<br/>BOTTOM HOLE LOCATION<br/>Y=670750.8 N<br/>X=676354.3 E<br/>LAT.=32.842662° N<br/>LONG.=103.759129° W</p> |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Y=671719.2 N, X=670077.3 E                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            |   |                            |   |                            |   |                            |   |                            |   |                            |                                                                                                                                                            |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Y=671735.3 N, X=675358.9 E                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            |   |                            |   |                            |   |                            |   |                            |   |                            |                                                                                                                                                            |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Y=671739.5 N, X=676678.1 E                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            |   |                            |   |                            |   |                            |   |                            |   |                            |                                                                                                                                                            |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Y=670422.7 N, X=678686.0 E                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            |   |                            |   |                            |   |                            |   |                            |   |                            |                                                                                                                                                            |
| E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Y=670415.4 N, X=675366.5 E                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            |   |                            |   |                            |   |                            |   |                            |   |                            |                                                                                                                                                            |
| F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Y=670400.2 N, X=670086.2 E                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            |   |                            |   |                            |   |                            |   |                            |   |                            |                                                                                                                                                            |
| <p><b>GEODETIC COORDINATES</b><br/>NAD 83 NME<br/>SURFACE LOCATION<br/>Y=670795.4 N<br/>X=711592.2 E<br/>LAT.=32.842814° N<br/>LONG.=103.778976° W</p>                                                                                                                                                                                                                                                                                                                                                                                               | <p><b>CORNER COORDINATES TABLE</b><br/>NAD 83 NME</p> <table border="1"> <tr><td>A</td><td>Y=671783.6 N, X=711255.6 E</td></tr> <tr><td>B</td><td>Y=671799.7 N, X=716537.1 E</td></tr> <tr><td>C</td><td>Y=671803.9 N, X=717856.4 E</td></tr> <tr><td>D</td><td>Y=670487.1 N, X=717864.3 E</td></tr> <tr><td>E</td><td>Y=670479.9 N, X=716544.7 E</td></tr> <tr><td>F</td><td>Y=670464.5 N, X=711264.5 E</td></tr> </table> | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Y=671783.6 N, X=711255.6 E | B | Y=671799.7 N, X=716537.1 E | C | Y=671803.9 N, X=717856.4 E | D | Y=670487.1 N, X=717864.3 E | E | Y=670479.9 N, X=716544.7 E | F | Y=670464.5 N, X=711264.5 E | <p><b>GEODETIC COORDINATES</b><br/>NAD 83 NME<br/>BOTTOM HOLE LOCATION<br/>Y=670815.2 N<br/>X=717532.6 E<br/>LAT.=32.842781° N<br/>LONG.=103.759634° W</p> |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Y=671783.6 N, X=711255.6 E                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            |   |                            |   |                            |   |                            |   |                            |   |                            |                                                                                                                                                            |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Y=671799.7 N, X=716537.1 E                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            |   |                            |   |                            |   |                            |   |                            |   |                            |                                                                                                                                                            |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Y=671803.9 N, X=717856.4 E                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            |   |                            |   |                            |   |                            |   |                            |   |                            |                                                                                                                                                            |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Y=670487.1 N, X=717864.3 E                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            |   |                            |   |                            |   |                            |   |                            |   |                            |                                                                                                                                                            |
| E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Y=670479.9 N, X=716544.7 E                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            |   |                            |   |                            |   |                            |   |                            |   |                            |                                                                                                                                                            |
| F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Y=670464.5 N, X=711264.5 E                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            |   |                            |   |                            |   |                            |   |                            |   |                            |                                                                                                                                                            |
| <p><b>SURVEYOR CERTIFICATION</b></p> <p>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><b>JUNE 13, 2012</b></p> <p>Date of Survey</p> <p><i>[Signature]</i> <b>Ronald J. Eldson</b><br/>Signature Surveyor</p> <p><b>NEW MEXICO</b><br/>3239</p> <p><b>19/2015</b><br/>Certified by <b>Ronald J. Eldson</b> 12641 3239</p> <p>ACK REL W.O. 14.13.1151 JWSC W.O. 15.13.0043</p> |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            |   |                            |   |                            |   |                            |   |                            |   |                            |                                                                                                                                                            |



February 3, 2016

Engineering and Geological Services Bureau  
New Mexico Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505  
Attn: Michael A. McMillan

**RE: Surface Comingling – Branex-COG Fed Com 10 CTB**

Section 9, T17S, R32E  
Lea County, New Mexico

Dear Mr. McMillan:

This letter is in reference to COG Operating LLC's surface comingling application for the subject tank battery.

The Branex-COG Federal No.10 (API 30-025-4087); Branex-COG Federal 11 (API # 30-025-40978); Branex-COG Federal 12 (API # 30-025-40979) and the Branex-COG Federal 13 (API # 30-025-40980) have common ownership.

The Branex-COG Federal Com 18H (API# 30-015-41007) and Branex-COG Federal Com 27H (API# 30-025-41006) have common ownership.

The Branex-COG Federal Com 15H (API# 30-025-42906) and Branex-COG Federal Com 25H (API# 30-025-41005) have common ownership.

All three groups have diverse ownership from each other. If you have any questions, please do not hesitate to contact the undersigned at 432-688-6601 or [jscott@concho.com](mailto:jscott@concho.com).

Yours Truly,

**COG OPERATING LLC**

A handwritten signature in black ink, appearing to read "Joseph Scott", written over a faint, circular embossed seal.

Joseph Scott  
Landman

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

|                                                                                                                                  |                                                       |                                                   |
|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other |                                                       | 5. Lease Serial No.<br>NMNM0315712                |
| 2. Name of Operator<br>COG OPERATING LLC<br>Contact: KANICIA CASTILLO<br>E-Mail: kcastillo@concho.com                            |                                                       | 6. If Indian, Allottee or Tribe Name              |
| 3a. Address<br>600 W ILLINOIS AVE<br>MIDLAND, TX 79701                                                                           | 3b. Phone No. (include area code)<br>Ph: 432-685-4332 | 7. If Unit or CA/Agreement, Name and/or No.       |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 9 T17S R32E Mer NMP 1650FSL 330FWL                 |                                                       | 8. Well Name and No.<br>BRANEX-COG FEDERAL 10     |
|                                                                                                                                  |                                                       | 9. API Well No.<br>30-025-40871                   |
|                                                                                                                                  |                                                       | 10. Field and Pool, or Exploratory<br>MALJAMAR    |
|                                                                                                                                  |                                                       | 11. County or Parish, and State<br>LEA COUNTY, NM |

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                   | TYPE OF ACTION                                |                                           |                                                    |                                           |
|------------------------------------------------------|-----------------------------------------------|-------------------------------------------|----------------------------------------------------|-------------------------------------------|
| <input checked="" 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 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 |
|                                                      | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | Surface Commingling                       |
|                                                      | <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.)

COG Operating LLC respectfully requests approval for surface commingle commingle for the following wells:

Branex-COG Federal 10  
NMNM0315712  
API 30-025-40871  
Sec 9 T17S R32E NWSW 1650FSL 330FWL

Branex-COG Federal 11  
NMNM0315712  
API 30-025-40978  
Sec 9 T17S R32E NWSW 1650FSL 990FWL

|                                                                                                                                                                                               |                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 14. I hereby certify that the foregoing is true and correct.<br><b>Electronic Submission #335673 verified by the BLM Well Information System<br/>For COG OPERATING LLC, sent to the Hobbs</b> |                 |
| Name (Printed/Typed) KANICIA CASTILLO                                                                                                                                                         | Title PREPARER  |
| Signature (Electronic Submission)                                                                                                                                                             | Date 04/05/2016 |

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

|                                                                                                                                                                                                                                                           |             |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|
| Approved By _____                                                                                                                                                                                                                                         | Title _____ | Date _____   |
| 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 _____ |

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.

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

**Additional data for EC transaction #335673 that would not fit on the form**

**32. Additional remarks, continued**

Branex-COG Federal 12  
NMNM0315712  
API 30-025-40979  
Sec 9 T17S R32E NESW 1560FSL 1760FWL

Branex-COG Federal 13  
NMNM0315712  
API 30-025-40980  
Sec 9 T17S R32E NESW 1650FSL 2310FWL

Branex-COG Federal 15H  
NMNM0315712  
CA Pending  
API 30-025-42906  
Sec 9 T17S R32E NWSW 2310FSL 150FWL

Branex-COG Federal 18H  
NMNM0315712  
NMNM0315713  
NMLC064150  
CA Pending  
API 30-025-41007  
Sec 9 T17S R32E SWSW 330FSL 330FWL

Consolidating production to one battery will extend the economic life for these wells and lessen surface disturbance.

Commingling will not reduce value of production.

All interest owners have been notified.

All lease Royalty Rates are 12-1/2% except for the NMLC064150. We will be applying for an August 8th determination.

Please see attachments.

|          |    |                                                  |                           |                                                                                                                                                                                                                              |
|----------|----|--------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to Alfred B. Guinn 111 Seventh Street Wichita Falls, TX 76301   GC: 91 7199 9991 7035 3278 8506                                                                                                          |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to ALICE R CROUCH PO BOX 2614 TAOS NM 87571   GC: 91 7199 9991 7035 3278 8490                                                                                                                            |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to ALTON C. WHITE, JR. 3112 ABOVE STRATFORD PL AUSTIN TX 78746   GC: 91 7199 9991 7035 3278 8483                                                                                                         |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to Bureau of Land Management - Carlsbad Field Office Attn: Mr. Ed Fernandez 620 E. Greene Street Carlsbad, NM 88220   GC: 91 7199 9991 7035 3278 8476                                                    |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to CARA LYN GANT SSP 230 W. Morten Ave. Phoenix, AZ 85021   GC: 91 7199 9991 7035 3278 8469                                                                                                              |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to CECILIA AYMOND 11094 C.R. 2464 TERRELL TX 75160   GC: 91 7199 9991 7035 3278 8452                                                                                                                     |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to CHARLES R QUALIA P O BOX 10181 MIDLAND TX 79702   GC: 91 7199 9991 7035 3278 8445                                                                                                                     |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to Chevron U.S.A. Attn: NOJV Group 1400 Smith Street, Ste. 3600 Houston, TX 77002-7342   GC: 91 7199 9991 7035 3278 8438                                                                                 |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to Christian Masters c/o Red Sky Visual 3020 Fishing Creek Valley Rd. Harrisburg, Pa. 17112   GC: 91 7199 9991 7035 3278 8421                                                                            |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to COMPOUND PROPERTIES LLC P O BOX 2990 RUIDOSO NM 88355-2990   GC: 91 7199 9991 7035 3278 8414                                                                                                          |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to Deborah Masters 253 Slate Hill Rd. Chatham, NY 12037   GC: 91 7199 9991 7035 3278 8407                                                                                                                |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to DRUELLA H WILBANKS PO BOX 84 MALJAMAR NM 88264   GC: 91 7199 9991 7035 3278 8391                                                                                                                      |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to ENERGYQUEST II, LLC 4526 RESEARCH FOREST DR STE 200 THE WOODLANDS TX 77381   GC: 91 7199 9991 7035 3278 8384                                                                                          |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to JAMES R. MALOTT, JR. SSP c/o Lucinda Malott 957 La Senda Santa Barbara, CA 93105   GC: 91 7199 9991 7035 3278 8377                                                                                    |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to Jean F. Wigman Survivors Trust, dtd 3/31/1982 Jean F. Wigman Crowley, Trustee 1416 Sierra Vista Drive Globe, AZ. 85501   GC: 91 7199 9991 7035 3278 8360                                              |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to JO ANN YATES 327 W MAIN ST ARTESIA NM 88210   GC: 91 7199 9991 7035 3278 8353                                                                                                                         |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to Asa G. Ashword, Individually and as Heir/Executor of the Julia Miller Burnham Estate 154 Hornell St. Hornell, NY 14843   GC: 91 7199 9991 7035 3278 8346                                              |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to KYLA THOMPSON 1122 GREEN VALLEY RD NW LOS RANCHOS NM 87107   GC: 91 7199 9991 7035 3278 8339                                                                                                          |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to LAURA HOVER PARKS 1344 Rossmoyne Ave Glendale, CA 91207   GC: 91 7199 9991 7035 3278 8322                                                                                                             |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to MARATHON OIL COMPANY PO BOX 732312 DALLAS TX 75373-2312   GC: 91 7199 9991 7035 3278 8315                                                                                                             |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to MARK T HAWKINS PO BOX 3192 MIDLAND TX 79702   GC: 91 7199 9991 7035 3278 8303                                                                                                                         |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to MARY ANN BERLINER FOUNDATION C/O FIRST NAT. BANK OF ARTESIA, TRUSTEE PO BOX AA ARTESIA, NM 88211-7526   GC: 91 7199 9991 7035 3278 8292                                                               |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to Pauline A. Nicholson Revocable Family Trust dated September 26, 2000, Phillip Nicholson, Jack Nicholson & Paulette Harp, Trustees 106 E. 13th Street Ellis KS 67637   GC: 91 7199 9991 7035 3278 8285 |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to RAY DEVOE TAYLOR PO BOX 8189 ROSWELL NM 88202   GC: 91 7199 9991 7035 3278 8278                                                                                                                       |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to ROBERT ILES, SSP 2115 E. Dunbar Tempe, AZ 85282   GC: 91 7199 9991 7035 3278 8261                                                                                                                     |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to RUTH TAYLOR WRIGHT PO BOX 3259 WICKENBURG AZ 85358   GC: 91 7199 9991 7035 3278 8254                                                                                                                  |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to Section 15 Education Trust 101 Church Street, Ste 12 Los Gatos, CA 95030   GC: 91 7199 9991 7035 3278 8247                                                                                            |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to THE DOROTHY DELL GRAEBER TRUST PO BOX 350 LEAVENWORTH KS 66048   GC: 91 7199 9991 7035 3278 8230                                                                                                      |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to TRIAD ENERGY CORPORATION 1616 VOSS ROAD STE 650 HOUSTON TX 77057   GC: 91 7199 9991 7035 3278 8223                                                                                                    |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to Unknown Successor Trustee of the Carol H. Nantker Family Trust dated 10/3/1998, c/o James S. Malott, 987 Tiburon Blvd., Tiburon, CA 94920   GC: 91 7199 9991 7035 3278 8216                           |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to Unknown Successor Trustee of the Carol H. Nantker Family Trust dated 10/3/1998, c/o Lucinda Malott 957 La Senda Santa Barbara, CA 93105   GC: 91 7199 9991 7035 3278 8209                             |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to Unknown Successor Trustee of the Carol H. Nantker Family Trust dated 10/3/1998, c/o Patricia K. Jasper 1500 Anacapa Street Santa Barbara, CA 93101   GC: 91 7199 9991 7035 3278 8193                  |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to Walsh & Watts, Inc. 111 Seventh Street Wichita Falls, TX 76301   GC: 91 7199 9991 7035 3278 8186                                                                                                      |
| 3/3/2016 | TC | Commingle Notice, C107B and Tank Battery Diagram | Branex-COG Federal 10 CTB | Sent Certified Mail to William Masters 731 Fishing Creek valley Road Harrisburg, Pa 17112   GC: 91 7199 9991 7035 3278 8179                                                                                                  |

# Affidavit of Publication

STATE OF NEW MEXICO  
COUNTY OF LEA

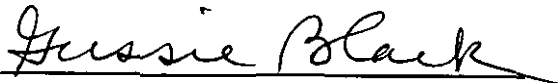
I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated  
March 05, 2016  
and ending with the issue dated  
March 05, 2016.



Publisher

Sworn and subscribed to before me this  
5th day of March 2016.



Business Manager

My commission expires  
January 29, 2019



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

| LEGAL                                                                                                                                                                                                                                                                                                                                                             | LEGAL |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| <b>LEGAL NOTICE</b><br>March 5, 2016                                                                                                                                                                                                                                                                                                                              |       |
| COG Operating, LLC is applying to surface commingle six oil wells to a central tank battery in Lea County, New Mexico. The central tank battery is located at the Branex-COG Federal 10 well. The six wells, details, and locations are the following:                                                                                                            |       |
| Branex-COG Federal 10 located in the southwest quarter of section 9, T17S, R32E, Unit L, 1650'FSL & 330'FWL.                                                                                                                                                                                                                                                      |       |
| Branex-COG Federal 11 located in the southwest quarter of section 9, T17S, R32E, Unit L, 1650'FSL & 990'FWL.                                                                                                                                                                                                                                                      |       |
| Branex-COG Federal 12 located in the southwest quarter of section 9, T17S, R32E, Unit K, 1660'FSL & 1760'FWL.                                                                                                                                                                                                                                                     |       |
| Branex-COG Federal 13 located in the southwest quarter of section 9, T17S, R32E, Unit K, 1650'FSL & 2310'FWL.                                                                                                                                                                                                                                                     |       |
| Branex-COG Federal 15H located in the southwest quarter of section 9, T17S, R32E, Unit L, 2310'FSL & 150'FWL.                                                                                                                                                                                                                                                     |       |
| Branex-COG Federal 18H located in the southwest quarter of section 9, T17S, R32E, Unit M, 330'FSL & 330'FWL.                                                                                                                                                                                                                                                      |       |
| Interested parties must file objections or requests for hearing with the New Mexico Oil Conservation Division, 1220 South Saint Francis Dr., Santa Fe, NM 87505 within 20 days. Additional information can be obtained by contacting Kanicia Castillo, COG Operating LLC, One Concho Center, 600 W Illinois Ave, Midland, TX 79701. Phone number is 432-685-4332. |       |
| #30731                                                                                                                                                                                                                                                                                                                                                            |       |

67112034

00171425

BRIAN COLLINS  
COG OPERATING LLC  
2208 W. MAIN ST.  
ARTESIA, NM 88210

April 6, 2016

RECEIVED OGD

2016 APR -7 P 1:47

New Mexico Oil Conservation Division  
Michael McMillan  
1220 S St. Francis Drive  
Santa Fe, New Mexico 87505

Re: Request for Surface Commingle  
Mr. McMillan.

COG Operating LLC respectfully requests approval to Surface Commingle our Branex-COG wells at our Branex-COG Fed #10 battery.

Branex-COG Federal 10  
Lea County, NM  
API # 30-025-40871  
Surface: 1650 FSL & 330 FWL  
Sec 9, T17S, R32E, Unit L

Branex-COG Federal 11  
Lea County, NM  
API # 30-025-40978  
Surface: 1650 FSL & 990 FWL  
Sec 9, T17S, R32E, Unit L

Branex-COG Federal 12  
Lea County, NM  
API #: 30-025-40979  
Surface: 1560 FSL & 1760 FWL  
Sec 9, T17S, R32E, Unit K

Branex-COG Federal 13  
Lea County, NM  
API #: 30-025-40980  
Surface: 1650 FSL & 2310 FWL  
Sec 9, T17S, R32E, Unit K

Branex-COG Federal Com 15H  
Lea County, NM  
API# 30-025-42906  
Surface: 2310 FSL & 150 FWL  
Sec 9, T17S, R32E, Unit L

Branex-COG Federal Com 18H  
Lea County, NM  
API# 30-015-41007  
Surface: 330 FSL & 330 FWL  
Sec 9, T17S, R32E, Unit M

Consolidating our battery facilities will extend the economic life for these wells and lessen surface disturbance.

The Branex-COG 10, 11, 12 and 13 wells are on the same lease and have common ownership. The 15H and 18H wells have diverse ownership and will have their own separators.

Commingle will not reduce the value of production.

Attached is a diagram of the battery facility, a map showing the well locations and the location of the CTB, admin checklist, and notice to all interest owners and publication.

Please contact me at 432-685-4332 should you have any questions.

Sincerely,



COG Operating LLC  
Kanicia Castillo

District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St Francis Dr, Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-B  
Revised August 1, 2011

**OIL CONSERVATION DIVISION**  
1220 S. St Francis Drive  
Santa Fe, New Mexico 87505

Submit the original  
application to the Santa Fe  
office with one copy to the  
appropriate District Office.

**APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)**

OPERATOR NAME: COG Operating LLC  
OPERATOR ADDRESS: One Concho Center, 600 W. Illinois Ave, Midland, TX 79707  
APPLICATION TYPE:

☐ Pool Commingling ☒ Lease Commingling ☐ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☐ Fee ☐ State ☒ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. \_\_\_\_\_  
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling  
☒ Yes ☐ No

**(A) POOL COMMINGLING**

Please attach sheets with the following information

| (1) Pool Names and Codes | Gravities / BTU of<br>Non-Commingled<br>Production | Calculated Gravities /<br>BTU of Commingled<br>Production |  | Calculated Value of<br>Commingled<br>Production | Volumes |
|--------------------------|----------------------------------------------------|-----------------------------------------------------------|--|-------------------------------------------------|---------|
|                          |                                                    |                                                           |  |                                                 |         |
|                          |                                                    |                                                           |  |                                                 |         |
|                          |                                                    |                                                           |  |                                                 |         |
|                          |                                                    |                                                           |  |                                                 |         |
|                          |                                                    |                                                           |  |                                                 |         |

- (2) Are any wells producing at top allowables? ☐ Yes ☐ No  
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☐ No.  
(4) Measurement type: ☐ Metering ☐ Other (Specify)  
(5) Will commingling decrease the value of production? ☐ Yes ☐ No If "yes", describe why commingling should be approved

**(B) LEASE COMMINGLING**

Please attach sheets with the following information

- (1) Pool Name and Code. Maljamar; Yeso, West 44500  
(2) Is all production from same source of supply? ☐ Yes ☒ No  
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No  
(4) Measurement type: ☒ Metering ☒ Other (Specify) Test method w/common interest.

**(C) POOL and LEASE COMMINGLING**

Please attach sheets with the following information

- (1) Complete Sections A and E.

**(D) OFF-LEASE STORAGE and MEASUREMENT**

Please attached sheets with the following information

- (1) Is all production from same source of supply? ☐ Yes ☐ No  
(2) Include proof of notice to all interest owners.

**(E) ADDITIONAL INFORMATION (for all application types)**

Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.  
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.  
(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: K. C. TITLE: Lead Regulatory Analyst DATE: 2/01/16  
TYPE OR PRINT NAME Kanicia Castillo TELEPHONE NO.: 432-685-4332  
E-MAIL ADDRESS: kcastillo@concho.com

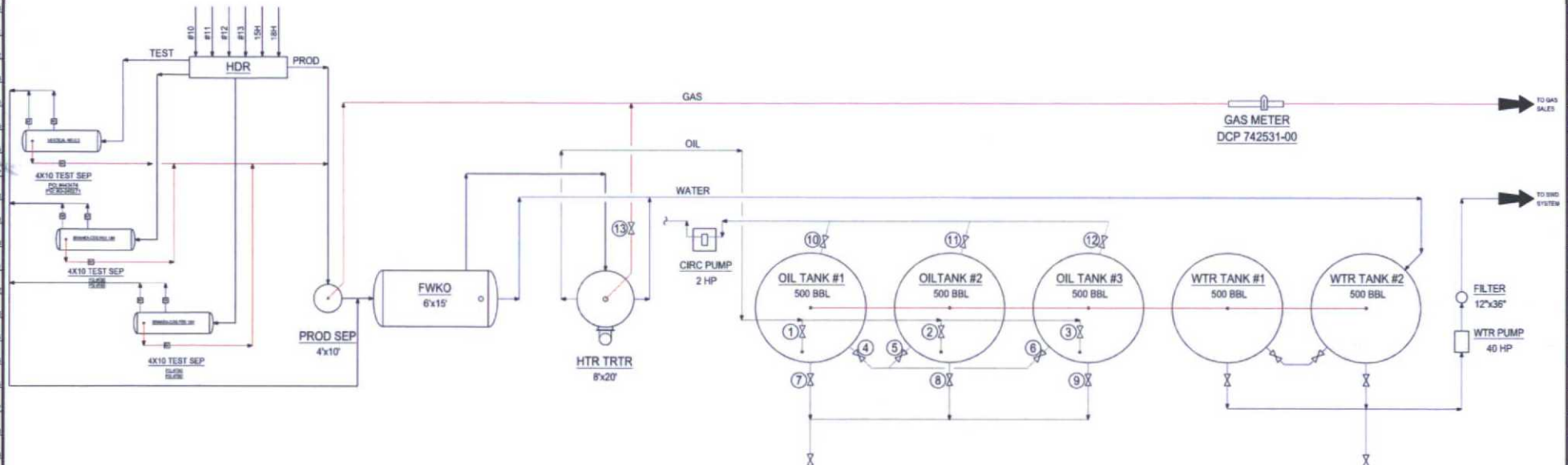
**WELLS:**  
BRANEX-COG FEDERAL #10: 30-015-40871  
BRANEX-COG FEDERAL #11: 30-015-40978  
BRANEX-COG FEDERAL #12: 30-015-40979  
BRANEX-COG FEDERAL #13: 30-015-40980  
BRANEX-COG FEDERAL #15H: 30-015-42906  
BRANEX-COG FEDERAL #18H: 30-015-41007

Production Phase - Oil Tank #1

- Valve 1 open
- Valves 2 and 3 closed
- Valves 4, 5, and 6 open
- Valves 7, 8, and 9 closed
- Valves 10, 11, 12, and 13 closed

**Sales Phase - Oil Tank #1**

- Valve 1 closed
- Valves 2 or 3 open
- Valve 4 closed
- Valves 5 and 6 open
- Valve 7 open
- Valves 8 and 9 closed
- Valves 10, 11, and 12 closed



COG Operating LLC  
Site Security Plans Located At:  
One Concho Center  
600 W. Illinois Ave.  
Midland, TX 79701

**Ledger for Site Diagram**

|                 |       |
|-----------------|-------|
| Produced Fluid: | _____ |
| Produced Oil:   | _____ |
| Produced Gas:   | _____ |
| Produced Water: | _____ |

|                                                                                                                                                                                                                                                                                                                     |  |                          |  |                    |  |                              |     |   |                    |      |  |                                                                                                                                                                                                    |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------|--|--------------------|--|------------------------------|-----|---|--------------------|------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| NOTES                                                                                                                                                                                                                                                                                                               |  | CONFIDENTIALITY NOTICE   |  | REFERENCE DRAWINGS |  | REVISIONS                    |     |   | ENGINEERING RECORD |      |  | <br>NEW MEXICO SHELF ASSET<br>PRODUCTION FACILITIES<br>SITE FACILITY DIAGRAM<br>BRANEX-COG FEDERAL 10 BATTERY |  |  |
| Type of Lease: FEDERAL<br>Property Code: 39558<br>OGRID No.: 229137                                                                                                                                                                                                                                                 |  | NO.                      |  | NO.                |  | NO.                          |     |   | BY                 |      |  | DATE                                                                                                                                                                                               |  |  |
|                                                                                                                                                                                                                                                                                                                     |  | TITLE                    |  | DATE               |  | DESCRIPTION                  |     |   | CHK                |      |  | DATE                                                                                                                                                                                               |  |  |
|                                                                                                                                                                                                                                                                                                                     |  | DATE                     |  | DATE               |  |                              | CHK |   |                    | DATE |  |                                                                                                                                                                                                    |  |  |
|                                                                                                                                                                                                                                                                                                                     |  | TITLE                    |  | DATE               |  |                              | CHK |   |                    | DATE |  |                                                                                                                                                                                                    |  |  |
| THIS DRAWING IS PROPERTY OF COG OPERATING LLC AND IS LOANED TO THE BORROWER FOR CONFIDENTIAL USE ONLY AND IS SUBJECT TO RETURN UPON REQUEST AND SHALL NOT BE REPRODUCED, COPIED, LENT OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY, NOR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT IS SPECIFICALLY FURNISHED. |  | COG OPERATING LLC        |  | 06/01/12           |  | ISSUE FOR SITE PERMITTING    |     |   | CRB                |      |  | 06/01/12                                                                                                                                                                                           |  |  |
|                                                                                                                                                                                                                                                                                                                     |  | 600 WEST ILLINOIS AVENUE |  | 03/03/15           |  | ISSUE FOR CONFORMANCE PERMIT |     |   | CHK1               |      |  | 06/01/12                                                                                                                                                                                           |  |  |
|                                                                                                                                                                                                                                                                                                                     |  | MIDLAND, TEXAS 79701     |  |                    |  |                              |     |   |                    |      |  |                                                                                                                                                                                                    |  |  |
|                                                                                                                                                                                                                                                                                                                     |  |                          |  |                    |  |                              |     |   |                    |      |  |                                                                                                                                                                                                    |  |  |
| A                                                                                                                                                                                                                                                                                                                   |  | B                        |  | C                  |  | D                            |     | E |                    | F    |  | G                                                                                                                                                                                                  |  |  |

# Branex-COG Federal 10 Battery Map



Branex-COG Federal 10  
Production Data

| Daily Prod       | Entity Name | Prod Date  | Oil Volume | Gas Volume | Water Volume |
|------------------|-------------|------------|------------|------------|--------------|
| BRANEX-COG       | FEDERAL #10 | 11/30/2015 | 2.4400     | 27.3300    | 12.3100      |
| BRANEX-COG       | FEDERAL #10 | 11/29/2015 | 2.4400     | 16.0000    | 20.5200      |
| BRANEX-COG       | FEDERAL #10 | 11/28/2015 | 3.4200     | 11.0000    | 20.3400      |
| BRANEX-COG       | FEDERAL #10 | 11/27/2015 | 3.4200     | 20.0000    | 28.7300      |
| BRANEX-COG       | FEDERAL #10 | 11/26/2015 | 3.9100     | 22.0000    | 30.1500      |
| BRANEX-COG       | FEDERAL #10 | 11/25/2015 | 4.4000     | 22.6700    | 27.8300      |
| BRANEX-COG       | FEDERAL #10 | 11/24/2015 | 4.4000     | 20.3300    | 29.6200      |
| BRANEX-COG       | FEDERAL #10 | 11/23/2015 | 4.4000     | 17.3300    | 28.1900      |
| BRANEX-COG       | FEDERAL #10 | 11/22/2015 | 4.4300     | 17.7100    | 34.7900      |
| BRANEX-COG       | FEDERAL #10 | 11/21/2015 | 4.4300     | 15.3300    | 35.0100      |
| BRANEX-COG       | FEDERAL #10 | 11/20/2015 | 4.4300     | 19.0800    | 31.7600      |
| BRANEX-COG       | FEDERAL #10 | 11/19/2015 | 4.4300     | 23.1600    | 39.3300      |
| BRANEX-COG       | FEDERAL #10 | 11/18/2015 | 4.8500     | 20.7800    | 35.2200      |
| BRANEX-COG       | FEDERAL #10 | 11/17/2015 | 4.5700     | 20.4400    | 34.7900      |
| BRANEX-COG       | FEDERAL #10 | 11/16/2015 | 4.7500     | 20.0200    | 34.3200      |
| BRANEX-COG       | FEDERAL #10 | 11/15/2015 | 4.7500     | 19.3800    | 34.3200      |
| BRANEX-COG       | FEDERAL #10 | 11/14/2015 | 4.7500     | 19.7000    | 31.0100      |
| BRANEX-COG       | FEDERAL #10 | 11/13/2015 | 4.7500     | 20.6700    | 34.7300      |
| BRANEX-COG       | FEDERAL #10 | 11/12/2015 | 4.7500     | 19.0500    | 34.1100      |
| BRANEX-COG       | FEDERAL #10 | 11/11/2015 | 4.7500     | 19.3800    | 30.8000      |
| BRANEX-COG       | FEDERAL #10 | 11/10/2015 | 4.7500     | 24.2200    | 24.3900      |
| BRANEX-COG       | FEDERAL #10 | 11/09/2015 | 4.7500     | 20.0200    | 46.7200      |
| BRANEX-COG       | FEDERAL #10 | 11/08/2015 | 5.0500     | 20.9900    | 34.7300      |
| BRANEX-COG       | FEDERAL #10 | 11/07/2015 | 6.6500     | 27.9900    | 37.2200      |
| BRANEX-COG       | FEDERAL #10 | 11/06/2015 | 6.6500     | 26.2600    | 37.2200      |
| BRANEX-COG       | FEDERAL #10 | 11/05/2015 | 6.6500     | 29.7100    | 39.7600      |
| BRANEX-COG       | FEDERAL #10 | 11/04/2015 | 6.6500     | 28.8500    | 38.6100      |
| BRANEX-COG       | FEDERAL #10 | 11/03/2015 | 6.6500     | 26.6900    | 37.2200      |
| BRANEX-COG       | FEDERAL #10 | 11/02/2015 | 6.6500     | 31.4300    | 42.0800      |
| BRANEX-COG       | FEDERAL #10 | 11/01/2015 | 6.6500     | 24.9700    | 33.9800      |
| Monthly Average: |             |            | 4.8523     | 21.7497    | 32.6603      |
| BRANEX-COG       | FEDERAL #10 | 10/31/2015 | 6.6500     | 33.1500    | 45.0800      |
| BRANEX-COG       | FEDERAL #10 | 10/30/2015 | 4.9900     | 26.6900    | 35.8300      |
| BRANEX-COG       | FEDERAL #10 | 10/29/2015 | 5.8200     | 32.7200    | 42.3100      |
| BRANEX-COG       | FEDERAL #10 | 10/28/2015 | 6.6500     | 29.2800    | 33.5200      |
| BRANEX-COG       | FEDERAL #10 | 10/27/2015 | 5.5400     | 29.7300    | 36.3700      |
| BRANEX-COG       | FEDERAL #10 | 10/26/2015 | 5.5400     | 29.7300    | 48.3500      |
| BRANEX-COG       | FEDERAL #10 | 10/25/2015 | 3.4700     | 23.7800    | 24.8200      |
| BRANEX-COG       | FEDERAL #10 | 10/24/2015 | 5.5400     | 29.7300    | 36.3700      |
| BRANEX-COG       | FEDERAL #10 | 10/23/2015 | 5.5400     | 28.8800    | 37.0100      |
| BRANEX-COG       | FEDERAL #10 | 10/22/2015 | 5.5400     | 31.0000    | 38.5100      |
| BRANEX-COG       | FEDERAL #10 | 10/21/2015 | 5.5400     | 29.7300    | 39.3600      |
| BRANEX-COG       | FEDERAL #10 | 10/20/2015 | 5.5400     | 42.8900    | 35.0800      |
| BRANEX-COG       | FEDERAL #10 | 10/19/2015 | 5.5400     | 41.6200    | 37.4400      |
| BRANEX-COG       | FEDERAL #10 | 10/18/2015 | 5.5400     | 21.6600    | 22.8900      |
| BRANEX-COG       | FEDERAL #10 | 10/17/2015 | 4.4900     | 19.3200    | 21.1400      |
| BRANEX-COG       | FEDERAL #10 | 10/16/2015 | 5.1200     | 19.3200    | 20.7800      |
| BRANEX-COG       | FEDERAL #10 | 10/15/2015 | 5.1100     | 34.2200    | 34.5800      |
| BRANEX-COG       | FEDERAL #10 | 10/14/2015 | 5.7500     | 30.1900    | 34.0400      |
| BRANEX-COG       | FEDERAL #10 | 10/13/2015 | 5.1100     | 32.2100    | 37.8000      |
| BRANEX-COG       | FEDERAL #10 | 10/12/2015 | 5.1200     | 32.2100    | 32.9700      |
| BRANEX-COG       | FEDERAL #10 | 10/11/2015 | 5.7500     | 30.6000    | 31.3500      |
| BRANEX-COG       | FEDERAL #10 | 10/10/2015 | 5.7500     | 32.2100    | 31.1800      |
| BRANEX-COG       | FEDERAL #10 | 10/09/2015 | 7.0300     | 28.1800    | 28.6700      |
| BRANEX-COG       | FEDERAL #10 | 10/08/2015 | 5.7500     | 34.6200    | 35.3000      |
| BRANEX-COG       | FEDERAL #10 | 10/07/2015 | 5.1100     | 35.4300    | 35.1200      |
| BRANEX-COG       | FEDERAL #10 | 10/06/2015 | 5.7600     | 44.6900    | 31.1800      |
| BRANEX-COG       | FEDERAL #10 | 10/05/2015 | 5.7500     | 27.3800    | 30.8200      |
| BRANEX-COG       | FEDERAL #10 | 10/04/2015 | 5.1100     | 30.6000    | 31.1800      |
| BRANEX-COG       | FEDERAL #10 | 10/03/2015 | 3.2000     | 31.8100    | 30.6400      |

Branex-COG Federal 10  
Production Data

|                        |            |         |         |         |
|------------------------|------------|---------|---------|---------|
| BRANEX-COG FEDERAL #10 | 10/02/2015 | 4.4700  | 31.8100 | 32.9700 |
| BRANEX-COG FEDERAL #10 | 10/01/2015 | 3.2000  | 31.4000 | 29.2000 |
| Monthly Average:       |            | 5.3232  | 30.8642 | 33.6084 |
| BRANEX-COG FEDERAL #10 | 09/30/2015 | 5.1100  | 32.2100 | 35.3000 |
| BRANEX-COG FEDERAL #10 | 09/29/2015 | 4.4800  | 43.8800 | 33.5000 |
| BRANEX-COG FEDERAL #10 | 09/28/2015 | 5.7600  | 34.2200 | 32.9700 |
| BRANEX-COG FEDERAL #10 | 09/27/2015 | 4.4900  | 35.4300 | 33.3300 |
| BRANEX-COG FEDERAL #10 | 09/26/2015 | 2.7800  | 25.0400 | 34.2900 |
| BRANEX-COG FEDERAL #10 | 09/25/2015 | 4.1700  | 29.8100 | 62.5900 |
| BRANEX-COG FEDERAL #10 | 09/24/2015 | 7.6200  | 7.9500  | 28.1200 |
| BRANEX-COG FEDERAL #10 | 09/23/2015 | 6.9100  | 16.2900 | 26.8500 |
| BRANEX-COG FEDERAL #10 | 09/22/2015 | 6.2300  | 23.0500 | 40.2800 |
| BRANEX-COG FEDERAL #10 | 09/21/2015 | 6.9300  | 29.4100 | 43.0000 |
| BRANEX-COG FEDERAL #10 | 09/20/2015 | 7.6200  | 29.4100 | 40.8200 |
| BRANEX-COG FEDERAL #10 | 09/19/2015 | 6.2300  | 30.6000 | 43.5400 |
| BRANEX-COG FEDERAL #10 | 09/18/2015 | 5.5400  | 32.9900 | 42.8200 |
| BRANEX-COG FEDERAL #10 | 09/17/2015 | 5.8900  | 50.4700 | 41.7300 |
| BRANEX-COG FEDERAL #10 | 09/16/2015 | 6.2300  | 5.5600  | 32.1100 |
| BRANEX-COG FEDERAL #10 | 09/15/2015 | 6.5000  | 30.1700 | 46.2800 |
| BRANEX-COG FEDERAL #10 | 09/14/2015 | 5.0600  | 31.0000 | 46.4700 |
| BRANEX-COG FEDERAL #10 | 09/13/2015 | 8.6700  | 34.7200 | 52.8300 |
| BRANEX-COG FEDERAL #10 | 09/12/2015 | 6.5000  | 29.3500 | 44.1600 |
| BRANEX-COG FEDERAL #10 | 09/11/2015 | 6.5000  | 31.8300 | 47.8200 |
| BRANEX-COG FEDERAL #10 | 09/10/2015 | 9.1400  | 40.0600 | 60.5000 |
| BRANEX-COG FEDERAL #10 | 09/09/2015 | 6.6500  | 37.2000 | 52.9100 |
| BRANEX-COG FEDERAL #10 | 09/08/2015 | 8.3100  | 38.1500 | 56.9100 |
| BRANEX-COG FEDERAL #10 | 09/07/2015 | 7.4800  | 38.1500 | 56.0700 |
| BRANEX-COG FEDERAL #10 | 09/06/2015 | 12.4700 | 36.7200 | 50.5900 |
| BRANEX-COG FEDERAL #10 | 09/05/2015 | 10.8000 | 40.5400 | 42.1600 |
| BRANEX-COG FEDERAL #10 | 09/04/2015 | 11.0800 | 42.9000 | 69.5700 |
| BRANEX-COG FEDERAL #10 | 09/03/2015 | 3.6900  | 49.2300 | 54.0000 |
| BRANEX-COG FEDERAL #10 | 09/02/2015 | 4.6200  | 8.5800  | 7.5300  |
| BRANEX-COG FEDERAL #10 | 09/01/2015 | 11.0800 | 44.7100 | 58.2700 |
| Monthly Average:       |            | 6.8180  | 31.9877 | 43.9107 |
| BRANEX-COG FEDERAL #10 | 08/31/2015 | 7.3900  | 55.5500 | 66.5600 |
| BRANEX-COG FEDERAL #10 | 08/30/2015 | 6.4600  | 37.9400 | 55.2600 |
| BRANEX-COG FEDERAL #10 | 08/29/2015 | 5.5400  | 29.9000 | 49.2000 |
| BRANEX-COG FEDERAL #10 | 08/28/2015 | 5.5400  | 27.0500 | 44.3900 |
| BRANEX-COG FEDERAL #10 | 08/27/2015 | 4.1600  | 28.4700 | 45.3500 |
| BRANEX-COG FEDERAL #10 | 08/26/2015 | 3.9800  | 22.4000 | 43.2400 |
| BRANEX-COG FEDERAL #10 | 08/25/2015 | 2.9800  | 43.0500 | 46.0200 |
| BRANEX-COG FEDERAL #10 | 08/24/2015 | 1.9900  | 7.3500  | 26.3500 |
| BRANEX-COG FEDERAL #10 | 08/23/2015 | 2.5600  | 11.8000 | 27.3100 |
| BRANEX-COG FEDERAL #10 | 08/22/2015 | 3.6600  | 21.1400 | 36.8300 |
| BRANEX-COG FEDERAL #10 | 08/21/2015 | 3.6600  | 22.2400 | 45.2600 |
| BRANEX-COG FEDERAL #10 | 08/20/2015 | 4.1100  | 25.8800 | 47.4700 |
| BRANEX-COG FEDERAL #10 | 08/19/2015 | 4.1000  | 28.6500 | 54.9900 |
| BRANEX-COG FEDERAL #10 | 08/18/2015 | 2.8700  | 33.1300 | 52.6200 |
| BRANEX-COG FEDERAL #10 | 08/17/2015 | 2.4600  | 32.1000 | 36.5900 |
| BRANEX-COG FEDERAL #10 | 08/16/2015 | 2.4600  | 39.3500 | 35.8000 |
| BRANEX-COG FEDERAL #10 | 08/15/2015 | 1.6400  | 11.3900 | 22.9500 |
| BRANEX-COG FEDERAL #10 | 08/14/2015 | 1.6400  | 6.9000  | 34.4200 |
| BRANEX-COG FEDERAL #10 | 08/13/2015 | 2.0500  | 18.2900 | 45.6900 |
| BRANEX-COG FEDERAL #10 | 08/12/2015 | 4.9300  | 40.0400 | 48.4600 |
| BRANEX-COG FEDERAL #10 | 08/11/2015 | 2.8700  | 30.7200 | 37.5800 |
| BRANEX-COG FEDERAL #10 | 08/10/2015 | 3.6900  | 17.9500 | 53.8000 |
| BRANEX-COG FEDERAL #10 | 08/09/2015 | 4.5100  | 30.3700 | 67.2500 |
| BRANEX-COG FEDERAL #10 | 08/08/2015 | 4.9200  | 31.7500 | 44.1100 |
| BRANEX-COG FEDERAL #10 | 08/07/2015 | 4.9300  | 27.9600 | 35.6000 |
| BRANEX-COG FEDERAL #10 | 08/06/2015 | 4.9300  | 28.9900 | 24.1300 |
| BRANEX-COG FEDERAL #10 | 08/05/2015 | 3.2800  | 25.8800 | 46.8800 |

Branex-COG Federal 10  
Production Data

|                        |            |         |         |         |
|------------------------|------------|---------|---------|---------|
| BRANEX-COG FEDERAL #10 | 08/04/2015 | 4.9200  | 31.7500 | 55.9800 |
| BRANEX-COG FEDERAL #10 | 08/03/2015 | 4.9300  | 31.0600 | 49.2500 |
| BRANEX-COG FEDERAL #10 | 08/02/2015 | 4.1000  | 33.1300 | 54.4000 |
| BRANEX-COG FEDERAL #10 | 08/01/2015 | 2.0500  | 32.4400 | 54.5900 |
| Monthly Average:       |            | 3.8487  | 27.8910 | 44.7848 |
| BRANEX-COG FEDERAL #10 | 07/31/2015 | 3.2800  | 33.1300 | 49.2500 |
| BRANEX-COG FEDERAL #10 | 07/30/2015 | 4.9200  | 32.7900 | 59.3400 |
| BRANEX-COG FEDERAL #10 | 07/29/2015 | 6.1600  | 33.8200 | 62.5100 |
| BRANEX-COG FEDERAL #10 | 07/28/2015 | 7.8000  | 35.2000 | 51.8200 |
| BRANEX-COG FEDERAL #10 | 07/27/2015 | 7.3900  | 30.3700 | 71.2100 |
| BRANEX-COG FEDERAL #10 | 07/26/2015 | 8.2100  | 35.5500 | 61.1200 |
| BRANEX-COG FEDERAL #10 | 07/25/2015 | 9.8500  | 35.8900 | 63.1000 |
| BRANEX-COG FEDERAL #10 | 07/24/2015 | 6.8500  | 35.3000 | 54.8700 |
| BRANEX-COG FEDERAL #10 | 07/23/2015 | 6.4500  | 35.9700 | 49.8600 |
| BRANEX-COG FEDERAL #10 | 07/22/2015 | 4.0300  | 31.6000 | 57.1800 |
| BRANEX-COG FEDERAL #10 | 07/21/2015 | 2.8200  | 36.9800 | 53.5200 |
| BRANEX-COG FEDERAL #10 | 07/20/2015 | 1.6100  | 36.9800 | 50.8200 |
| BRANEX-COG FEDERAL #10 | 07/19/2015 | 2.4200  | 29.9200 | 50.8200 |
| BRANEX-COG FEDERAL #10 | 07/18/2015 | 2.4200  | 36.9800 | 56.9800 |
| BRANEX-COG FEDERAL #10 | 07/17/2015 | 4.0300  | 35.6400 | 55.6400 |
| BRANEX-COG FEDERAL #10 | 07/16/2015 | 4.8400  | 37.6600 | 61.2200 |
| BRANEX-COG FEDERAL #10 | 07/15/2015 | 14.5000 | 36.6500 | 58.1400 |
| BRANEX-COG FEDERAL #10 | 07/14/2015 | 6.8500  | 36.9800 | 57.5600 |
| BRANEX-COG FEDERAL #10 | 07/13/2015 | 7.2500  | 36.9800 | 58.3300 |
| BRANEX-COG FEDERAL #10 | 07/12/2015 | 6.0400  | 37.6600 | 57.1800 |
| BRANEX-COG FEDERAL #10 | 07/11/2015 | 6.4500  | 37.6600 | 54.8700 |
| BRANEX-COG FEDERAL #10 | 07/10/2015 | 6.4500  | 36.9800 | 58.5200 |
| BRANEX-COG FEDERAL #10 | 07/09/2015 | 6.0400  | 37.3200 | 62.7600 |
| BRANEX-COG FEDERAL #10 | 07/08/2015 | 6.0400  | 36.9800 | 58.1400 |
| BRANEX-COG FEDERAL #10 | 07/07/2015 | 6.4500  | 36.9800 | 59.4900 |
| BRANEX-COG FEDERAL #10 | 07/06/2015 | 6.4500  | 38.3300 | 60.2600 |
| BRANEX-COG FEDERAL #10 | 07/05/2015 | 6.4500  | 39.3400 | 55.4400 |
| BRANEX-COG FEDERAL #10 | 07/04/2015 | 6.8500  | 37.6600 | 61.8000 |
| BRANEX-COG FEDERAL #10 | 07/03/2015 | 7.2600  | 36.9800 | 68.9200 |
| BRANEX-COG FEDERAL #10 | 07/02/2015 | 6.0400  | 36.9800 | 62.7600 |
| BRANEX-COG FEDERAL #10 | 07/01/2015 | 6.0500  | 36.9800 | 57.1800 |
| Monthly Average:       |            | 6.0726  | 35.9432 | 58.0842 |
| BRANEX-COG FEDERAL #10 | 06/30/2015 | 6.0400  | 36.6500 | 62.5700 |
| BRANEX-COG FEDERAL #10 | 06/29/2015 | 6.0400  | 36.3100 | 66.6100 |
| BRANEX-COG FEDERAL #10 | 06/28/2015 | 5.6400  | 35.6400 | 56.9800 |
| BRANEX-COG FEDERAL #10 | 06/27/2015 | 5.6400  | 35.6400 | 57.3700 |
| BRANEX-COG FEDERAL #10 | 06/26/2015 | 5.6400  | 35.3000 | 61.0300 |
| BRANEX-COG FEDERAL #10 | 06/25/2015 | 6.2500  | 37.6600 | 61.8000 |
| BRANEX-COG FEDERAL #10 | 06/24/2015 | 5.2400  | 37.9900 | 68.9200 |
| BRANEX-COG FEDERAL #10 | 06/23/2015 | 4.4300  | 37.9900 | 62.5700 |
| BRANEX-COG FEDERAL #10 | 06/22/2015 | 5.2400  | 35.6400 | 56.0200 |
| BRANEX-COG FEDERAL #10 | 06/21/2015 | 5.8400  | 36.3100 | 61.2200 |
| BRANEX-COG FEDERAL #10 | 06/20/2015 | 5.2400  | 38.3300 | 61.0300 |
| BRANEX-COG FEDERAL #10 | 06/19/2015 | 5.2400  | 36.9800 | 73.7300 |
| BRANEX-COG FEDERAL #10 | 06/18/2015 | 6.4500  | 34.6300 | 57.5600 |
| BRANEX-COG FEDERAL #10 | 06/17/2015 | 6.4500  | 40.3400 | 51.2100 |
| BRANEX-COG FEDERAL #10 | 06/16/2015 | 6.0400  | 33.6200 | 73.9300 |
| BRANEX-COG FEDERAL #10 | 06/15/2015 | 6.4500  | 35.9700 | 55.6400 |
| BRANEX-COG FEDERAL #10 | 06/14/2015 | 6.4500  | 35.9700 | 69.1100 |
| BRANEX-COG FEDERAL #10 | 06/13/2015 | 8.0600  | 40.0100 | 71.4200 |
| BRANEX-COG FEDERAL #10 | 06/12/2015 | 8.0600  | 29.1600 | 48.8600 |
| BRANEX-COG FEDERAL #10 | 06/11/2015 | 8.0600  | 33.3600 | 48.5800 |
| BRANEX-COG FEDERAL #10 | 06/10/2015 | 10.1700 | 32.0600 | 46.3800 |
| BRANEX-COG FEDERAL #10 | 06/09/2015 | 9.0500  | 35.2900 | 57.6000 |
| BRANEX-COG FEDERAL #10 | 06/08/2015 | 11.3300 | 36.0000 | 62.5900 |
| BRANEX-COG FEDERAL #10 | 06/07/2015 | 10.0700 | 36.3000 | 63.7700 |

## Branex-COG Federal 10

## Production Data

|                        |            |         |         |         |
|------------------------|------------|---------|---------|---------|
| BRANEX-COG FEDERAL #10 | 06/06/2015 | 10.0700 | 35.7000 | 66.1200 |
| BRANEX-COG FEDERAL #10 | 06/05/2015 | 9.5700  | 35.4000 | 63.4300 |
| BRANEX-COG FEDERAL #10 | 06/04/2015 | 10.3200 | 37.5000 | 66.1200 |
| BRANEX-COG FEDERAL #10 | 06/03/2015 | 10.0700 | 33.6000 | 61.0800 |
| BRANEX-COG FEDERAL #10 | 06/02/2015 | 13.0900 | 37.8000 | 72.1600 |
| BRANEX-COG FEDERAL #10 | 06/01/2015 | 13.1000 | 33.6000 | 56.0500 |
| Monthly Average:       |            | 7.6447  | 35.8917 | 61.3820 |

Branex-COG Federal 11  
Production Data

| Daily Prod Entity Name | Prod Date  | Oil Volume | Gas Volume | Water Volume |
|------------------------|------------|------------|------------|--------------|
| BRANEX-COG FEDERAL #11 | 11/30/2015 | 2.4500     | 16.7600    | 11.7400      |
| BRANEX-COG FEDERAL #11 | 11/29/2015 | 2.4500     | 9.8100     | 19.5600      |
| BRANEX-COG FEDERAL #11 | 11/28/2015 | 3.4200     | 6.7400     | 19.3900      |
| BRANEX-COG FEDERAL #11 | 11/27/2015 | 3.4200     | 12.2600    | 27.3900      |
| BRANEX-COG FEDERAL #11 | 11/26/2015 | 3.9100     | 13.4800    | 28.7500      |
| BRANEX-COG FEDERAL #11 | 11/25/2015 | 4.4000     | 13.8900    | 26.5400      |
| BRANEX-COG FEDERAL #11 | 11/24/2015 | 4.4000     | 12.4700    | 28.2400      |
| BRANEX-COG FEDERAL #11 | 11/23/2015 | 4.4000     | 10.6300    | 26.8800      |
| BRANEX-COG FEDERAL #11 | 11/22/2015 | 4.4300     | 10.8600    | 33.1700      |
| BRANEX-COG FEDERAL #11 | 11/21/2015 | 4.4300     | 9.4000     | 33.3700      |
| BRANEX-COG FEDERAL #11 | 11/20/2015 | 4.4300     | 11.6900    | 30.2900      |
| BRANEX-COG FEDERAL #11 | 11/19/2015 | 4.4300     | 14.2000    | 37.4900      |
| BRANEX-COG FEDERAL #11 | 11/18/2015 | 4.8500     | 12.7400    | 33.5800      |
| BRANEX-COG FEDERAL #11 | 11/17/2015 | 4.5700     | 12.5300    | 33.1700      |
| BRANEX-COG FEDERAL #11 | 11/16/2015 | 3.1600     | 15.5000    | 39.9000      |
| BRANEX-COG FEDERAL #11 | 11/15/2015 | 3.1600     | 15.0000    | 39.9000      |
| BRANEX-COG FEDERAL #11 | 11/14/2015 | 3.1600     | 15.2500    | 36.0600      |
| BRANEX-COG FEDERAL #11 | 11/13/2015 | 3.1600     | 16.0000    | 40.3900      |
| BRANEX-COG FEDERAL #11 | 11/12/2015 | 3.1600     | 14.7500    | 39.6600      |
| BRANEX-COG FEDERAL #11 | 11/11/2015 | 3.1600     | 15.0000    | 35.8200      |
| BRANEX-COG FEDERAL #11 | 11/10/2015 | 3.1700     | 18.7500    | 28.3700      |
| BRANEX-COG FEDERAL #11 | 11/09/2015 | 3.1600     | 15.5000    | 54.3300      |
| BRANEX-COG FEDERAL #11 | 11/08/2015 | 3.3600     | 16.2500    | 40.3900      |
| BRANEX-COG FEDERAL #11 | 11/07/2015 | 4.4300     | 21.6600    | 43.2800      |
| BRANEX-COG FEDERAL #11 | 11/06/2015 | 4.4300     | 20.3400    | 43.2800      |
| BRANEX-COG FEDERAL #11 | 11/05/2015 | 4.4300     | 23.0000    | 46.2400      |
| BRANEX-COG FEDERAL #11 | 11/04/2015 | 4.4300     | 22.3300    | 44.8900      |
| BRANEX-COG FEDERAL #11 | 11/03/2015 | 4.4300     | 20.6700    | 43.2800      |
| BRANEX-COG FEDERAL #11 | 11/02/2015 | 4.4300     | 24.3300    | 48.9200      |
| BRANEX-COG FEDERAL #11 | 11/01/2015 | 4.4400     | 19.3400    | 39.5200      |
| Monthly Average:       |            | 3.8553     | 15.3710    | 35.1263      |
| BRANEX-COG FEDERAL #11 | 10/31/2015 | 4.4300     | 25.6700    | 52.4200      |
| BRANEX-COG FEDERAL #11 | 10/30/2015 | 3.3200     | 20.6700    | 41.6700      |
| BRANEX-COG FEDERAL #11 | 10/29/2015 | 3.8800     | 25.3400    | 49.1900      |
| BRANEX-COG FEDERAL #11 | 10/28/2015 | 4.4300     | 22.6600    | 38.9800      |
| BRANEX-COG FEDERAL #11 | 10/27/2015 | 7.3900     | 23.9700    | 54.9700      |
| BRANEX-COG FEDERAL #11 | 10/26/2015 | 7.3900     | 23.9700    | 73.0800      |
| BRANEX-COG FEDERAL #11 | 10/25/2015 | 4.6200     | 19.1800    | 37.5100      |
| BRANEX-COG FEDERAL #11 | 10/24/2015 | 7.3900     | 23.9700    | 54.9700      |
| BRANEX-COG FEDERAL #11 | 10/23/2015 | 7.3900     | 23.2800    | 55.9500      |
| BRANEX-COG FEDERAL #11 | 10/22/2015 | 7.3900     | 25.0000    | 58.2100      |
| BRANEX-COG FEDERAL #11 | 10/21/2015 | 7.3900     | 23.9700    | 59.5100      |
| BRANEX-COG FEDERAL #11 | 10/20/2015 | 7.3900     | 34.5900    | 53.0400      |
| BRANEX-COG FEDERAL #11 | 10/19/2015 | 7.3900     | 33.5600    | 56.5900      |
| BRANEX-COG FEDERAL #11 | 10/18/2015 | 7.3900     | 17.4600    | 34.6000      |
| BRANEX-COG FEDERAL #11 | 10/17/2015 | 5.9800     | 15.5900    | 31.9600      |
| BRANEX-COG FEDERAL #11 | 10/16/2015 | 6.8200     | 15.5900    | 31.4200      |
| BRANEX-COG FEDERAL #11 | 10/15/2015 | 6.8200     | 27.6000    | 52.2700      |
| BRANEX-COG FEDERAL #11 | 10/14/2015 | 7.6700     | 24.3600    | 51.4600      |
| BRANEX-COG FEDERAL #11 | 10/13/2015 | 6.8200     | 25.9700    | 57.1500      |
| BRANEX-COG FEDERAL #11 | 10/12/2015 | 6.8200     | 25.9700    | 49.8300      |
| BRANEX-COG FEDERAL #11 | 10/11/2015 | 7.6700     | 24.6700    | 47.4000      |
| BRANEX-COG FEDERAL #11 | 10/10/2015 | 7.6700     | 25.9700    | 47.1200      |
| BRANEX-COG FEDERAL #11 | 10/09/2015 | 9.3800     | 22.7300    | 43.3300      |
| BRANEX-COG FEDERAL #11 | 10/08/2015 | 7.6700     | 27.9300    | 53.3500      |
| BRANEX-COG FEDERAL #11 | 10/07/2015 | 6.8200     | 28.5700    | 53.0800      |
| BRANEX-COG FEDERAL #11 | 10/06/2015 | 7.6700     | 36.0400    | 47.1200      |
| BRANEX-COG FEDERAL #11 | 10/05/2015 | 7.6700     | 22.0700    | 46.5800      |
| BRANEX-COG FEDERAL #11 | 10/04/2015 | 6.8200     | 24.6700    | 47.1200      |
| BRANEX-COG FEDERAL #11 | 10/03/2015 | 4.2600     | 25.6400    | 46.3100      |

Branex-COG Federal 11  
Production Data

|                        |            |         |         |         |
|------------------------|------------|---------|---------|---------|
| BRANEX-COG FEDERAL #11 | 10/02/2015 | 5.9700  | 25.6400 | 49.8300 |
| BRANEX-COG FEDERAL #11 | 10/01/2015 | 4.2600  | 25.3300 | 44.1500 |
| Monthly Average:       |            | 6.5800  | 24.7623 | 49.0377 |
| BRANEX-COG FEDERAL #11 | 09/30/2015 | 6.8200  | 25.9700 | 53.3500 |
| BRANEX-COG FEDERAL #11 | 09/29/2015 | 5.9700  | 35.3900 | 50.6500 |
| BRANEX-COG FEDERAL #11 | 09/28/2015 | 7.6700  | 27.6000 | 49.8300 |
| BRANEX-COG FEDERAL #11 | 09/27/2015 | 5.9800  | 28.5700 | 50.3700 |
| BRANEX-COG FEDERAL #11 | 09/26/2015 | 3.7000  | 20.1900 | 51.8400 |
| BRANEX-COG FEDERAL #11 | 09/25/2015 | 5.5500  | 24.0400 | 94.6300 |
| BRANEX-COG FEDERAL #11 | 09/24/2015 | 10.1500 | 6.4100  | 42.5100 |
| BRANEX-COG FEDERAL #11 | 09/23/2015 | 9.2000  | 13.1500 | 40.5900 |
| BRANEX-COG FEDERAL #11 | 09/22/2015 | 8.3100  | 18.5900 | 60.8800 |
| BRANEX-COG FEDERAL #11 | 09/21/2015 | 9.2300  | 23.7200 | 65.0000 |
| BRANEX-COG FEDERAL #11 | 09/20/2015 | 10.1600 | 23.7200 | 61.7100 |
| BRANEX-COG FEDERAL #11 | 09/19/2015 | 8.3100  | 24.6800 | 65.8300 |
| BRANEX-COG FEDERAL #11 | 09/18/2015 | 7.3900  | 26.6000 | 64.7200 |
| BRANEX-COG FEDERAL #11 | 09/17/2015 | 7.8500  | 40.7100 | 63.0800 |
| BRANEX-COG FEDERAL #11 | 09/16/2015 | 8.3100  | 4.4900  | 48.5500 |
| BRANEX-COG FEDERAL #11 | 09/15/2015 | 8.6700  | 24.3400 | 69.9500 |
| BRANEX-COG FEDERAL #11 | 09/14/2015 | 6.7400  | 25.0000 | 70.2500 |
| BRANEX-COG FEDERAL #11 | 09/13/2015 | 11.5700 | 28.0000 | 79.8700 |
| BRANEX-COG FEDERAL #11 | 09/12/2015 | 8.6700  | 23.6600 | 66.7500 |
| BRANEX-COG FEDERAL #11 | 09/11/2015 | 8.6700  | 25.6600 | 72.2900 |
| BRANEX-COG FEDERAL #11 | 09/10/2015 | 7.6200  | 19.3900 | 64.7100 |
| BRANEX-COG FEDERAL #11 | 09/09/2015 | 5.5400  | 18.0000 | 56.5900 |
| BRANEX-COG FEDERAL #11 | 09/08/2015 | 6.9300  | 18.4700 | 60.8800 |
| BRANEX-COG FEDERAL #11 | 09/07/2015 | 6.2300  | 18.4700 | 59.9800 |
| BRANEX-COG FEDERAL #11 | 09/06/2015 | 10.3800 | 17.7700 | 54.1200 |
| BRANEX-COG FEDERAL #11 | 09/05/2015 | 9.0000  | 19.6100 | 45.0900 |
| BRANEX-COG FEDERAL #11 | 09/04/2015 | 7.9100  | 22.9900 | 59.2700 |
| BRANEX-COG FEDERAL #11 | 09/03/2015 | 2.6400  | 26.3700 | 46.0000 |
| BRANEX-COG FEDERAL #11 | 09/02/2015 | 3.3000  | 4.6000  | 6.4200  |
| BRANEX-COG FEDERAL #11 | 09/01/2015 | 7.9100  | 23.9500 | 49.6400 |
| Monthly Average:       |            | 7.5460  | 22.0037 | 57.5117 |
| BRANEX-COG FEDERAL #11 | 08/31/2015 | 5.2700  | 29.7600 | 56.7000 |
| BRANEX-COG FEDERAL #11 | 08/30/2015 | 4.6200  | 20.3200 | 47.0700 |
| BRANEX-COG FEDERAL #11 | 08/29/2015 | 3.9600  | 16.0200 | 41.9000 |
| BRANEX-COG FEDERAL #11 | 08/28/2015 | 3.9600  | 14.4900 | 37.8200 |
| BRANEX-COG FEDERAL #11 | 08/27/2015 | 2.9700  | 15.2600 | 38.6400 |
| BRANEX-COG FEDERAL #11 | 08/26/2015 | 2.8400  | 12.0000 | 36.8300 |
| BRANEX-COG FEDERAL #11 | 08/25/2015 | 2.1300  | 23.0600 | 39.2000 |
| BRANEX-COG FEDERAL #11 | 08/24/2015 | 1.4200  | 3.9400  | 22.4500 |
| BRANEX-COG FEDERAL #11 | 08/23/2015 | 6.9500  | 15.6000 | 51.0900 |
| BRANEX-COG FEDERAL #11 | 08/22/2015 | 9.9300  | 27.9300 | 68.8900 |
| BRANEX-COG FEDERAL #11 | 08/21/2015 | 9.9300  | 29.3800 | 84.6500 |
| BRANEX-COG FEDERAL #11 | 08/20/2015 | 9.7500  | 24.5600 | 66.6000 |
| BRANEX-COG FEDERAL #11 | 08/19/2015 | 9.7500  | 27.1700 | 77.1400 |
| BRANEX-COG FEDERAL #11 | 08/18/2015 | 6.8300  | 31.4400 | 73.8000 |
| BRANEX-COG FEDERAL #11 | 08/17/2015 | 5.8500  | 30.4500 | 51.3400 |
| BRANEX-COG FEDERAL #11 | 08/16/2015 | 5.8500  | 37.3200 | 50.2200 |
| BRANEX-COG FEDERAL #11 | 08/15/2015 | 3.9000  | 10.8000 | 32.1800 |
| BRANEX-COG FEDERAL #11 | 08/14/2015 | 3.9000  | 6.5500  | 48.2800 |
| BRANEX-COG FEDERAL #11 | 08/13/2015 | 4.8800  | 17.3600 | 64.1000 |
| BRANEX-COG FEDERAL #11 | 08/12/2015 | 11.7000 | 37.9800 | 67.9800 |
| BRANEX-COG FEDERAL #11 | 08/11/2015 | 6.8300  | 29.1400 | 52.7200 |
| BRANEX-COG FEDERAL #11 | 08/10/2015 | 8.7800  | 17.0200 | 75.4700 |
| BRANEX-COG FEDERAL #11 | 08/09/2015 | 10.7300 | 28.8200 | 94.3400 |
| BRANEX-COG FEDERAL #11 | 08/08/2015 | 11.7000 | 30.1300 | 61.8800 |
| BRANEX-COG FEDERAL #11 | 08/07/2015 | 11.7000 | 26.5200 | 49.9500 |
| BRANEX-COG FEDERAL #11 | 08/06/2015 | 11.7100 | 27.5100 | 33.8500 |
| BRANEX-COG FEDERAL #11 | 08/05/2015 | 7.8000  | 24.5600 | 65.7600 |

**Branex-COG Federal 11**  
**Production Data**

|                        |            |         |         |          |
|------------------------|------------|---------|---------|----------|
| BRANEX-COG FEDERAL #11 | 08/04/2015 | 11.7000 | 30.1300 | 78.5200  |
| BRANEX-COG FEDERAL #11 | 08/03/2015 | 11.7000 | 29.4700 | 69.0900  |
| BRANEX-COG FEDERAL #11 | 08/02/2015 | 9.7500  | 31.4400 | 76.3000  |
| BRANEX-COG FEDERAL #11 | 08/01/2015 | 4.8800  | 30.7800 | 76.5900  |
| Monthly Average:       |            | 7.2152  | 23.7713 | 57.7855  |
| BRANEX-COG FEDERAL #11 | 07/31/2015 | 7.8100  | 31.4400 | 69.0900  |
| BRANEX-COG FEDERAL #11 | 07/30/2015 | 11.7000 | 31.1000 | 83.2400  |
| BRANEX-COG FEDERAL #11 | 07/29/2015 | 14.6200 | 32.0900 | 87.6800  |
| BRANEX-COG FEDERAL #11 | 07/28/2015 | 18.5200 | 33.4000 | 72.7000  |
| BRANEX-COG FEDERAL #11 | 07/27/2015 | 17.5400 | 28.8200 | 99.8900  |
| BRANEX-COG FEDERAL #11 | 07/26/2015 | 19.5000 | 33.7200 | 85.7400  |
| BRANEX-COG FEDERAL #11 | 07/25/2015 | 23.4000 | 34.0600 | 88.5100  |
| BRANEX-COG FEDERAL #11 | 07/24/2015 | 16.2700 | 33.4900 | 76.9600  |
| BRANEX-COG FEDERAL #11 | 07/23/2015 | 15.3100 | 34.1300 | 69.9400  |
| BRANEX-COG FEDERAL #11 | 07/22/2015 | 9.5700  | 29.9900 | 80.2000  |
| BRANEX-COG FEDERAL #11 | 07/21/2015 | 6.7000  | 35.0900 | 75.0700  |
| BRANEX-COG FEDERAL #11 | 07/20/2015 | 3.8300  | 35.0900 | 71.3000  |
| BRANEX-COG FEDERAL #11 | 07/19/2015 | 5.7400  | 28.3900 | 71.3000  |
| BRANEX-COG FEDERAL #11 | 07/18/2015 | 5.7400  | 35.0900 | 79.9400  |
| BRANEX-COG FEDERAL #11 | 07/17/2015 | 9.5700  | 33.8100 | 78.0400  |
| BRANEX-COG FEDERAL #11 | 07/16/2015 | 11.4900 | 35.7200 | 85.8800  |
| BRANEX-COG FEDERAL #11 | 07/15/2015 | 34.4500 | 34.7600 | 81.5600  |
| BRANEX-COG FEDERAL #11 | 07/14/2015 | 16.2700 | 35.0900 | 80.7500  |
| BRANEX-COG FEDERAL #11 | 07/13/2015 | 17.2300 | 35.0900 | 81.8300  |
| BRANEX-COG FEDERAL #11 | 07/12/2015 | 14.3600 | 35.7200 | 80.2000  |
| BRANEX-COG FEDERAL #11 | 07/11/2015 | 15.3100 | 35.7200 | 76.9600  |
| BRANEX-COG FEDERAL #11 | 07/10/2015 | 15.3100 | 35.0900 | 82.1000  |
| BRANEX-COG FEDERAL #11 | 07/09/2015 | 14.3600 | 35.4000 | 88.0400  |
| BRANEX-COG FEDERAL #11 | 07/08/2015 | 14.3600 | 35.0900 | 81.5600  |
| BRANEX-COG FEDERAL #11 | 07/07/2015 | 15.3100 | 35.0900 | 83.4400  |
| BRANEX-COG FEDERAL #11 | 07/06/2015 | 15.3100 | 36.3600 | 84.5200  |
| BRANEX-COG FEDERAL #11 | 07/05/2015 | 15.3100 | 37.3200 | 77.7800  |
| BRANEX-COG FEDERAL #11 | 07/04/2015 | 16.2700 | 35.7200 | 86.6800  |
| BRANEX-COG FEDERAL #11 | 07/03/2015 | 17.2300 | 35.0900 | 96.6800  |
| BRANEX-COG FEDERAL #11 | 07/02/2015 | 14.3600 | 35.0900 | 88.0400  |
| BRANEX-COG FEDERAL #11 | 07/01/2015 | 14.3500 | 35.0900 | 80.2000  |
| Monthly Average:       |            | 14.4226 | 34.1016 | 81.4781  |
| BRANEX-COG FEDERAL #11 | 06/30/2015 | 14.3600 | 34.7600 | 87.7600  |
| BRANEX-COG FEDERAL #11 | 06/29/2015 | 14.3600 | 34.4500 | 93.4400  |
| BRANEX-COG FEDERAL #11 | 06/28/2015 | 13.4000 | 33.8100 | 79.9400  |
| BRANEX-COG FEDERAL #11 | 06/27/2015 | 13.4000 | 33.8100 | 80.4700  |
| BRANEX-COG FEDERAL #11 | 06/26/2015 | 13.4000 | 33.4900 | 85.6000  |
| BRANEX-COG FEDERAL #11 | 06/25/2015 | 14.8300 | 35.7200 | 86.6800  |
| BRANEX-COG FEDERAL #11 | 06/24/2015 | 12.4400 | 36.0400 | 96.6800  |
| BRANEX-COG FEDERAL #11 | 06/23/2015 | 10.5300 | 36.0400 | 87.7600  |
| BRANEX-COG FEDERAL #11 | 06/22/2015 | 12.4400 | 33.8100 | 78.5900  |
| BRANEX-COG FEDERAL #11 | 06/21/2015 | 13.8700 | 34.4500 | 85.8800  |
| BRANEX-COG FEDERAL #11 | 06/20/2015 | 12.4400 | 36.3600 | 85.6000  |
| BRANEX-COG FEDERAL #11 | 06/19/2015 | 12.4400 | 35.0900 | 103.4300 |
| BRANEX-COG FEDERAL #11 | 06/18/2015 | 15.3100 | 32.8500 | 80.7500  |
| BRANEX-COG FEDERAL #11 | 06/17/2015 | 15.3100 | 38.2800 | 71.8300  |
| BRANEX-COG FEDERAL #11 | 06/16/2015 | 14.3600 | 31.9000 | 103.7000 |
| BRANEX-COG FEDERAL #11 | 06/15/2015 | 15.3300 | 34.1300 | 78.0400  |
| BRANEX-COG FEDERAL #11 | 06/14/2015 | 15.3100 | 34.1300 | 96.9500  |
| BRANEX-COG FEDERAL #11 | 06/13/2015 | 19.1400 | 37.9600 | 100.1900 |
| BRANEX-COG FEDERAL #11 | 06/12/2015 | 19.1400 | 35.9600 | 100.7100 |
| BRANEX-COG FEDERAL #11 | 06/11/2015 | 19.1400 | 41.1500 | 100.1400 |
| BRANEX-COG FEDERAL #11 | 06/10/2015 | 24.1700 | 39.5400 | 95.5800  |
| BRANEX-COG FEDERAL #11 | 06/09/2015 | 21.4800 | 43.5300 | 118.7400 |
| BRANEX-COG FEDERAL #11 | 06/08/2015 | 26.9200 | 44.4000 | 129.0200 |
| BRANEX-COG FEDERAL #11 | 06/07/2015 | 23.9300 | 44.7700 | 131.4400 |

## Branex-COG Federal 11

## Production Data

|                        |            |         |         |          |
|------------------------|------------|---------|---------|----------|
| BRANEX-COG FEDERAL #11 | 06/06/2015 | 23.9300 | 44.0300 | 136.2800 |
| BRANEX-COG FEDERAL #11 | 06/05/2015 | 22.7300 | 43.6600 | 130.7500 |
| BRANEX-COG FEDERAL #11 | 06/04/2015 | 24.5200 | 46.2500 | 136.2800 |
| BRANEX-COG FEDERAL #11 | 06/03/2015 | 23.9300 | 41.4400 | 125.9100 |
| BRANEX-COG FEDERAL #11 | 06/02/2015 | 31.1000 | 46.6200 | 148.7300 |
| BRANEX-COG FEDERAL #11 | 06/01/2015 | 31.1000 | 41.4400 | 115.5300 |
| Monthly Average:       |            | 18.1587 | 37.9957 | 101.7467 |

Branex-COG Federal 12  
Production Data

| Daily Prod Entity Name | Prod Date  | Oil Volume | Gas Volume | Water Volume |
|------------------------|------------|------------|------------|--------------|
| BRANEX-COG FEDERAL #12 | 11/30/2015 | 2.8500     | 14.1000    | 23.4800      |
| BRANEX-COG FEDERAL #12 | 11/29/2015 | 2.8500     | 8.2500     | 39.1300      |
| BRANEX-COG FEDERAL #12 | 11/28/2015 | 4.0000     | 5.6800     | 38.7900      |
| BRANEX-COG FEDERAL #12 | 11/27/2015 | 4.0000     | 10.3200    | 54.7800      |
| BRANEX-COG FEDERAL #12 | 11/26/2015 | 4.5600     | 11.3600    | 57.5100      |
| BRANEX-COG FEDERAL #12 | 11/25/2015 | 5.1300     | 11.7000    | 53.0800      |
| BRANEX-COG FEDERAL #12 | 11/24/2015 | 5.1400     | 10.4900    | 56.4800      |
| BRANEX-COG FEDERAL #12 | 11/23/2015 | 5.1300     | 8.9400     | 53.7600      |
| BRANEX-COG FEDERAL #12 | 11/22/2015 | 2.2200     | 8.0000     | 32.3600      |
| BRANEX-COG FEDERAL #12 | 11/21/2015 | 2.2200     | 6.9200     | 32.5600      |
| BRANEX-COG FEDERAL #12 | 11/20/2015 | 2.2200     | 8.6100     | 29.5500      |
| BRANEX-COG FEDERAL #12 | 11/19/2015 | 2.2200     | 10.4600    | 36.5900      |
| BRANEX-COG FEDERAL #12 | 11/18/2015 | 2.4200     | 9.3800     | 32.7700      |
| BRANEX-COG FEDERAL #12 | 11/17/2015 | 2.2900     | 9.2300     | 32.3600      |
| BRANEX-COG FEDERAL #12 | 11/16/2015 | 2.3800     | 9.0400     | 31.9200      |
| BRANEX-COG FEDERAL #12 | 11/15/2015 | 2.3800     | 8.7500     | 31.9200      |
| BRANEX-COG FEDERAL #12 | 11/14/2015 | 2.3800     | 8.8900     | 28.8400      |
| BRANEX-COG FEDERAL #12 | 11/13/2015 | 2.3800     | 9.3300     | 32.3000      |
| BRANEX-COG FEDERAL #12 | 11/12/2015 | 2.3800     | 8.6100     | 31.7300      |
| BRANEX-COG FEDERAL #12 | 11/11/2015 | 2.3800     | 8.7500     | 28.6500      |
| BRANEX-COG FEDERAL #12 | 11/10/2015 | 2.3700     | 10.9400    | 22.6900      |
| BRANEX-COG FEDERAL #12 | 11/09/2015 | 2.3800     | 9.0400     | 43.4600      |
| BRANEX-COG FEDERAL #12 | 11/08/2015 | 2.5200     | 9.4800     | 32.3000      |
| BRANEX-COG FEDERAL #12 | 11/07/2015 | 3.3200     | 12.6400    | 34.6200      |
| BRANEX-COG FEDERAL #12 | 11/06/2015 | 3.3200     | 11.8600    | 34.6200      |
| BRANEX-COG FEDERAL #12 | 11/05/2015 | 3.3200     | 13.4200    | 36.9900      |
| BRANEX-COG FEDERAL #12 | 11/04/2015 | 3.3200     | 13.0300    | 35.9100      |
| BRANEX-COG FEDERAL #12 | 11/03/2015 | 3.3200     | 12.0600    | 34.6200      |
| BRANEX-COG FEDERAL #12 | 11/02/2015 | 3.3200     | 14.2000    | 39.1400      |
| BRANEX-COG FEDERAL #12 | 11/01/2015 | 3.3200     | 11.2700    | 31.6100      |
| Monthly Average:       |            | 3.0680     | 10.1583    | 36.8173      |
| BRANEX-COG FEDERAL #12 | 10/31/2015 | 3.3200     | 14.9700    | 41.9400      |
| BRANEX-COG FEDERAL #12 | 10/30/2015 | 2.4900     | 12.0600    | 33.3300      |
| BRANEX-COG FEDERAL #12 | 10/29/2015 | 2.9000     | 14.7700    | 39.3500      |
| BRANEX-COG FEDERAL #12 | 10/28/2015 | 3.3200     | 13.2300    | 31.1800      |
| BRANEX-COG FEDERAL #12 | 10/27/2015 | 2.7700     | 13.4200    | 33.8300      |
| BRANEX-COG FEDERAL #12 | 10/26/2015 | 2.7700     | 13.4200    | 44.9800      |
| BRANEX-COG FEDERAL #12 | 10/25/2015 | 1.7300     | 10.7400    | 23.0800      |
| BRANEX-COG FEDERAL #12 | 10/24/2015 | 2.7700     | 13.4200    | 33.8300      |
| BRANEX-COG FEDERAL #12 | 10/23/2015 | 2.7700     | 13.0500    | 34.4200      |
| BRANEX-COG FEDERAL #12 | 10/22/2015 | 2.7700     | 14.0000    | 35.8200      |
| BRANEX-COG FEDERAL #12 | 10/21/2015 | 2.7700     | 13.4200    | 36.6100      |
| BRANEX-COG FEDERAL #12 | 10/20/2015 | 2.7700     | 19.3700    | 32.6400      |
| BRANEX-COG FEDERAL #12 | 10/19/2015 | 2.7700     | 18.7900    | 34.8300      |
| BRANEX-COG FEDERAL #12 | 10/18/2015 | 2.7700     | 9.7800     | 21.3000      |
| BRANEX-COG FEDERAL #12 | 10/17/2015 | 3.7400     | 11.2200    | 38.8400      |
| BRANEX-COG FEDERAL #12 | 10/16/2015 | 4.2700     | 11.2200    | 38.1800      |
| BRANEX-COG FEDERAL #12 | 10/15/2015 | 4.2600     | 19.8700    | 63.5300      |
| BRANEX-COG FEDERAL #12 | 10/14/2015 | 4.8000     | 17.5300    | 62.5400      |
| BRANEX-COG FEDERAL #12 | 10/13/2015 | 4.2600     | 18.7000    | 69.4500      |
| BRANEX-COG FEDERAL #12 | 10/12/2015 | 4.2600     | 18.7000    | 60.5700      |
| BRANEX-COG FEDERAL #12 | 10/11/2015 | 4.8000     | 17.7700    | 57.6000      |
| BRANEX-COG FEDERAL #12 | 10/10/2015 | 4.8000     | 18.7000    | 57.2800      |
| BRANEX-COG FEDERAL #12 | 10/09/2015 | 5.8600     | 16.3600    | 52.6700      |
| BRANEX-COG FEDERAL #12 | 10/08/2015 | 4.8000     | 20.1000    | 64.8500      |
| BRANEX-COG FEDERAL #12 | 10/07/2015 | 4.2600     | 20.5700    | 64.5200      |
| BRANEX-COG FEDERAL #12 | 10/06/2015 | 4.8000     | 25.9500    | 57.2800      |
| BRANEX-COG FEDERAL #12 | 10/05/2015 | 4.8000     | 15.9000    | 56.6200      |
| BRANEX-COG FEDERAL #12 | 10/04/2015 | 4.2600     | 17.7700    | 57.2800      |
| BRANEX-COG FEDERAL #12 | 10/03/2015 | 2.6600     | 18.4700    | 56.2900      |

Branex-COG Federal 12  
Production Data

|                        |            |        |         |          |
|------------------------|------------|--------|---------|----------|
| BRANEX-COG FEDERAL #12 | 10/02/2015 | 3.7300 | 18.4700 | 60.5700  |
| BRANEX-COG FEDERAL #12 | 10/01/2015 | 2.6600 | 18.2300 | 53.6500  |
| Monthly Average:       |            | 3.6035 | 16.1281 | 46.7374  |
| BRANEX-COG FEDERAL #12 | 09/30/2015 | 4.2600 | 18.7000 | 64.8500  |
| BRANEX-COG FEDERAL #12 | 09/29/2015 | 3.7300 | 25.4800 | 61.5500  |
| BRANEX-COG FEDERAL #12 | 09/28/2015 | 4.8000 | 19.8700 | 60.5700  |
| BRANEX-COG FEDERAL #12 | 09/27/2015 | 3.7400 | 20.5700 | 61.2300  |
| BRANEX-COG FEDERAL #12 | 09/26/2015 | 2.3100 | 14.5400 | 63.0000  |
| BRANEX-COG FEDERAL #12 | 09/25/2015 | 3.4700 | 17.3000 | 115.0000 |
| BRANEX-COG FEDERAL #12 | 09/24/2015 | 6.3500 | 4.6100  | 51.6700  |
| BRANEX-COG FEDERAL #12 | 09/23/2015 | 5.7600 | 9.4600  | 49.3400  |
| BRANEX-COG FEDERAL #12 | 09/22/2015 | 5.1900 | 13.3900 | 74.0000  |
| BRANEX-COG FEDERAL #12 | 09/21/2015 | 5.7700 | 17.0800 | 79.0000  |
| BRANEX-COG FEDERAL #12 | 09/20/2015 | 6.3500 | 17.0800 | 75.0000  |
| BRANEX-COG FEDERAL #12 | 09/19/2015 | 5.2000 | 17.7700 | 80.0000  |
| BRANEX-COG FEDERAL #12 | 09/18/2015 | 4.6100 | 19.1500 | 78.6700  |
| BRANEX-COG FEDERAL #12 | 09/17/2015 | 4.9000 | 29.3100 | 76.6700  |
| BRANEX-COG FEDERAL #12 | 09/16/2015 | 5.2000 | 3.2300  | 59.0000  |
| BRANEX-COG FEDERAL #12 | 09/15/2015 | 4.3400 | 14.6000 | 69.9600  |
| BRANEX-COG FEDERAL #12 | 09/14/2015 | 3.3700 | 15.0000 | 70.2400  |
| BRANEX-COG FEDERAL #12 | 09/13/2015 | 5.7800 | 16.8000 | 79.8700  |
| BRANEX-COG FEDERAL #12 | 09/12/2015 | 4.3400 | 14.2000 | 66.7400  |
| BRANEX-COG FEDERAL #12 | 09/11/2015 | 4.3400 | 15.4000 | 72.2800  |
| BRANEX-COG FEDERAL #12 | 09/10/2015 | 6.0900 | 19.3800 | 91.4500  |
| BRANEX-COG FEDERAL #12 | 09/09/2015 | 4.4300 | 18.0000 | 79.9800  |
| BRANEX-COG FEDERAL #12 | 09/08/2015 | 5.5400 | 18.4600 | 86.0300  |
| BRANEX-COG FEDERAL #12 | 09/07/2015 | 4.9900 | 18.4600 | 84.7500  |
| BRANEX-COG FEDERAL #12 | 09/06/2015 | 8.3100 | 17.7700 | 76.4700  |
| BRANEX-COG FEDERAL #12 | 09/05/2015 | 7.2000 | 19.6200 | 63.7300  |
| BRANEX-COG FEDERAL #12 | 09/04/2015 | 6.3400 | 22.9800 | 83.7400  |
| BRANEX-COG FEDERAL #12 | 09/03/2015 | 2.1100 | 26.3700 | 65.0000  |
| BRANEX-COG FEDERAL #12 | 09/02/2015 | 2.6400 | 4.5900  | 9.0700   |
| BRANEX-COG FEDERAL #12 | 09/01/2015 | 6.3400 | 23.9500 | 70.1400  |
| Monthly Average:       |            | 4.9267 | 17.1040 | 70.6333  |
| BRANEX-COG FEDERAL #12 | 08/31/2015 | 4.2200 | 29.7500 | 80.1100  |
| BRANEX-COG FEDERAL #12 | 08/30/2015 | 3.6900 | 20.3200 | 66.5100  |
| BRANEX-COG FEDERAL #12 | 08/29/2015 | 8.7000 | 12.8100 | 119.3500 |
| BRANEX-COG FEDERAL #12 | 08/28/2015 | 8.7000 | 11.6000 | 107.6900 |
| BRANEX-COG FEDERAL #12 | 08/27/2015 | 6.5300 | 12.2000 | 110.0200 |
| BRANEX-COG FEDERAL #12 | 08/26/2015 | 6.2500 | 9.6000  | 104.8900 |
| BRANEX-COG FEDERAL #12 | 08/25/2015 | 4.6900 | 18.4500 | 111.6500 |
| BRANEX-COG FEDERAL #12 | 08/24/2015 | 3.1200 | 3.1500  | 63.9200  |
| BRANEX-COG FEDERAL #12 | 08/23/2015 | 4.0300 | 5.0600  | 66.2500  |
| BRANEX-COG FEDERAL #12 | 08/22/2015 | 5.7500 | 9.0600  | 89.3600  |
| BRANEX-COG FEDERAL #12 | 08/21/2015 | 5.7500 | 9.5300  | 109.8000 |
| BRANEX-COG FEDERAL #12 | 08/20/2015 | 5.6400 | 7.9700  | 86.3700  |
| BRANEX-COG FEDERAL #12 | 08/19/2015 | 5.6400 | 8.8200  | 100.0500 |
| BRANEX-COG FEDERAL #12 | 08/18/2015 | 3.9400 | 10.1900 | 95.7300  |
| BRANEX-COG FEDERAL #12 | 08/17/2015 | 3.3900 | 9.8700  | 66.5800  |
| BRANEX-COG FEDERAL #12 | 08/16/2015 | 3.3900 | 12.1100 | 65.1400  |
| BRANEX-COG FEDERAL #12 | 08/15/2015 | 2.2600 | 3.5100  | 41.7500  |
| BRANEX-COG FEDERAL #12 | 08/14/2015 | 2.2600 | 2.1300  | 62.6200  |
| BRANEX-COG FEDERAL #12 | 08/13/2015 | 2.8200 | 5.6200  | 83.1300  |
| BRANEX-COG FEDERAL #12 | 08/12/2015 | 6.7700 | 12.3200 | 88.1800  |
| BRANEX-COG FEDERAL #12 | 08/11/2015 | 3.9400 | 9.4500  | 68.3800  |
| BRANEX-COG FEDERAL #12 | 08/10/2015 | 5.0700 | 5.5300  | 97.8900  |
| BRANEX-COG FEDERAL #12 | 08/09/2015 | 6.2000 | 9.3400  | 122.3700 |
| BRANEX-COG FEDERAL #12 | 08/08/2015 | 6.7700 | 9.7700  | 80.2500  |
| BRANEX-COG FEDERAL #12 | 08/07/2015 | 6.7700 | 8.6000  | 64.7800  |
| BRANEX-COG FEDERAL #12 | 08/06/2015 | 6.7700 | 8.9200  | 43.9100  |
| BRANEX-COG FEDERAL #12 | 08/05/2015 | 4.5100 | 7.9700  | 85.2900  |

Branex-COG Federal 12  
Production Data

|                        |            |         |         |          |
|------------------------|------------|---------|---------|----------|
| BRANEX-COG FEDERAL #12 | 08/04/2015 | 6.7700  | 9.7700  | 101.8500 |
| BRANEX-COG FEDERAL #12 | 08/03/2015 | 6.7700  | 9.5600  | 89.6200  |
| BRANEX-COG FEDERAL #12 | 08/02/2015 | 5.6400  | 10.1900 | 98.9700  |
| BRANEX-COG FEDERAL #12 | 08/01/2015 | 2.8200  | 9.9800  | 99.3300  |
| Monthly Average:       |            | 5.1474  | 10.1016 | 86.1852  |
| BRANEX-COG FEDERAL #12 | 07/31/2015 | 4.5100  | 10.1900 | 89.6200  |
| BRANEX-COG FEDERAL #12 | 07/30/2015 | 6.7700  | 10.0900 | 107.9700 |
| BRANEX-COG FEDERAL #12 | 07/29/2015 | 8.4700  | 10.4100 | 113.7200 |
| BRANEX-COG FEDERAL #12 | 07/28/2015 | 10.7200 | 10.8300 | 94.2900  |
| BRANEX-COG FEDERAL #12 | 07/27/2015 | 10.1600 | 9.3400  | 129.5600 |
| BRANEX-COG FEDERAL #12 | 07/26/2015 | 11.2800 | 10.9400 | 111.2100 |
| BRANEX-COG FEDERAL #12 | 07/25/2015 | 13.5400 | 11.0400 | 114.8100 |
| BRANEX-COG FEDERAL #12 | 07/24/2015 | 9.4100  | 10.8700 | 99.8300  |
| BRANEX-COG FEDERAL #12 | 07/23/2015 | 8.8700  | 11.0700 | 90.7200  |
| BRANEX-COG FEDERAL #12 | 07/22/2015 | 5.5400  | 9.7200  | 104.0300 |
| BRANEX-COG FEDERAL #12 | 07/21/2015 | 3.8800  | 11.3800 | 97.3800  |
| BRANEX-COG FEDERAL #12 | 07/20/2015 | 2.2200  | 11.3800 | 92.4700  |
| BRANEX-COG FEDERAL #12 | 07/19/2015 | 3.3200  | 9.2100  | 92.4700  |
| BRANEX-COG FEDERAL #12 | 07/18/2015 | 3.3200  | 11.3800 | 103.6800 |
| BRANEX-COG FEDERAL #12 | 07/17/2015 | 5.5400  | 10.9600 | 101.2300 |
| BRANEX-COG FEDERAL #12 | 07/16/2015 | 6.6500  | 11.5900 | 111.3800 |
| BRANEX-COG FEDERAL #12 | 07/15/2015 | 19.9500 | 11.2800 | 105.7800 |
| BRANEX-COG FEDERAL #12 | 07/14/2015 | 9.4200  | 11.3800 | 104.7300 |
| BRANEX-COG FEDERAL #12 | 07/13/2015 | 9.9700  | 11.3800 | 106.1300 |
| BRANEX-COG FEDERAL #12 | 07/12/2015 | 8.3100  | 11.5900 | 104.0300 |
| BRANEX-COG FEDERAL #12 | 07/11/2015 | 8.8700  | 11.5900 | 99.8300  |
| BRANEX-COG FEDERAL #12 | 07/10/2015 | 8.8600  | 11.3800 | 106.4800 |
| BRANEX-COG FEDERAL #12 | 07/09/2015 | 8.3100  | 11.4900 | 114.1800 |
| BRANEX-COG FEDERAL #12 | 07/08/2015 | 8.3100  | 11.3800 | 105.7800 |
| BRANEX-COG FEDERAL #12 | 07/07/2015 | 8.8700  | 11.3800 | 108.2400 |
| BRANEX-COG FEDERAL #12 | 07/06/2015 | 8.8600  | 11.7900 | 109.6400 |
| BRANEX-COG FEDERAL #12 | 07/05/2015 | 8.8600  | 12.1000 | 100.8800 |
| BRANEX-COG FEDERAL #12 | 07/04/2015 | 9.4200  | 11.5900 | 112.4400 |
| BRANEX-COG FEDERAL #12 | 07/03/2015 | 9.9700  | 11.3800 | 125.3900 |
| BRANEX-COG FEDERAL #12 | 07/02/2015 | 8.3100  | 11.3800 | 114.1800 |
| BRANEX-COG FEDERAL #12 | 07/01/2015 | 8.3100  | 11.3800 | 104.0300 |
| Monthly Average:       |            | 8.3484  | 11.0603 | 105.6810 |
| BRANEX-COG FEDERAL #12 | 06/30/2015 | 8.3100  | 11.2800 | 113.8400 |
| BRANEX-COG FEDERAL #12 | 06/29/2015 | 8.3100  | 11.1700 | 121.1900 |
| BRANEX-COG FEDERAL #12 | 06/28/2015 | 7.7600  | 10.9600 | 103.6800 |
| BRANEX-COG FEDERAL #12 | 06/27/2015 | 7.7500  | 10.9600 | 104.3800 |
| BRANEX-COG FEDERAL #12 | 06/26/2015 | 7.7500  | 10.8700 | 111.0400 |
| BRANEX-COG FEDERAL #12 | 06/25/2015 | 8.5900  | 11.5900 | 112.4400 |
| BRANEX-COG FEDERAL #12 | 06/24/2015 | 7.2000  | 11.6900 | 125.3900 |
| BRANEX-COG FEDERAL #12 | 06/23/2015 | 6.1000  | 11.6900 | 113.8400 |
| BRANEX-COG FEDERAL #12 | 06/22/2015 | 7.2000  | 10.9600 | 101.9200 |
| BRANEX-COG FEDERAL #12 | 06/21/2015 | 8.0400  | 11.1700 | 111.3800 |
| BRANEX-COG FEDERAL #12 | 06/20/2015 | 7.2000  | 11.7900 | 111.0400 |
| BRANEX-COG FEDERAL #12 | 06/19/2015 | 7.2100  | 11.3800 | 134.1600 |
| BRANEX-COG FEDERAL #12 | 06/18/2015 | 8.8600  | 10.6600 | 104.7300 |
| BRANEX-COG FEDERAL #12 | 06/17/2015 | 8.8600  | 12.4100 | 93.1700  |
| BRANEX-COG FEDERAL #12 | 06/16/2015 | 8.3100  | 10.3400 | 134.5000 |
| BRANEX-COG FEDERAL #12 | 06/15/2015 | 8.8800  | 11.0700 | 101.2300 |
| BRANEX-COG FEDERAL #12 | 06/14/2015 | 8.8700  | 11.0700 | 125.7500 |
| BRANEX-COG FEDERAL #12 | 06/13/2015 | 11.0800 | 12.3100 | 129.9500 |
| BRANEX-COG FEDERAL #12 | 06/12/2015 | 11.0800 | 11.6700 | 130.6300 |
| BRANEX-COG FEDERAL #12 | 06/11/2015 | 11.0800 | 13.3500 | 129.8800 |
| BRANEX-COG FEDERAL #12 | 06/10/2015 | 13.9900 | 12.8200 | 123.9900 |
| BRANEX-COG FEDERAL #12 | 06/09/2015 | 12.4400 | 14.1200 | 154.0000 |
| BRANEX-COG FEDERAL #12 | 06/08/2015 | 8.5000  | 12.0000 | 111.1300 |
| BRANEX-COG FEDERAL #12 | 06/07/2015 | 7.5500  | 12.1000 | 113.2100 |

Branex-COG Federal 12  
Production Data

|                        |            |        |         |          |
|------------------------|------------|--------|---------|----------|
| BRANEX-COG FEDERAL #12 | 06/06/2015 | 7.5600 | 11.9000 | 117.3900 |
| BRANEX-COG FEDERAL #12 | 06/05/2015 | 7.1700 | 11.8000 | 112.6200 |
| BRANEX-COG FEDERAL #12 | 06/04/2015 | 7.7400 | 12.5000 | 117.3900 |
| BRANEX-COG FEDERAL #12 | 06/03/2015 | 7.5600 | 11.2000 | 108.4500 |
| BRANEX-COG FEDERAL #12 | 06/02/2015 | 9.8200 | 12.6000 | 128.1200 |
| BRANEX-COG FEDERAL #12 | 06/01/2015 | 9.8200 | 11.2000 | 99.5100  |
| Monthly Average:       |            | 8.6863 | 11.6877 | 116.6650 |

Branex-COG Federal 13  
Production Data

| Daily Prod Entity Name | Prod Date  | Oil Volume | Gas Volume | Water Volume |
|------------------------|------------|------------|------------|--------------|
| BRANEX-COG FEDERAL #13 | 11/30/2015 | 6.1100     | 23.8100    | 21.4700      |
| BRANEX-COG FEDERAL #13 | 11/29/2015 | 6.1100     | 13.9400    | 35.7900      |
| BRANEX-COG FEDERAL #13 | 11/28/2015 | 8.5500     | 9.5800     | 35.4800      |
| BRANEX-COG FEDERAL #13 | 11/27/2015 | 8.5500     | 17.4200    | 50.1000      |
| BRANEX-COG FEDERAL #13 | 11/26/2015 | 9.7800     | 19.1600    | 52.5900      |
| BRANEX-COG FEDERAL #13 | 11/25/2015 | 11.0000    | 19.7400    | 48.5500      |
| BRANEX-COG FEDERAL #13 | 11/24/2015 | 11.0000    | 17.7100    | 51.6600      |
| BRANEX-COG FEDERAL #13 | 11/23/2015 | 11.0000    | 15.1000    | 49.1700      |
| BRANEX-COG FEDERAL #13 | 11/22/2015 | 11.0800    | 15.4300    | 60.6800      |
| BRANEX-COG FEDERAL #13 | 11/21/2015 | 11.0800    | 13.3500    | 61.0600      |
| BRANEX-COG FEDERAL #13 | 11/20/2015 | 11.0800    | 16.6200    | 55.4000      |
| BRANEX-COG FEDERAL #13 | 11/19/2015 | 11.0800    | 20.1800    | 68.5900      |
| BRANEX-COG FEDERAL #13 | 11/18/2015 | 12.1200    | 18.1000    | 61.4300      |
| BRANEX-COG FEDERAL #13 | 11/17/2015 | 11.4300    | 17.8000    | 60.6800      |
| BRANEX-COG FEDERAL #13 | 11/16/2015 | 11.8700    | 17.4400    | 59.8600      |
| BRANEX-COG FEDERAL #13 | 11/15/2015 | 11.8700    | 16.8700    | 59.8600      |
| BRANEX-COG FEDERAL #13 | 11/14/2015 | 11.8700    | 17.1600    | 54.0900      |
| BRANEX-COG FEDERAL #13 | 11/13/2015 | 11.8700    | 18.0000    | 60.5800      |
| BRANEX-COG FEDERAL #13 | 11/12/2015 | 11.8700    | 16.5900    | 59.5000      |
| BRANEX-COG FEDERAL #13 | 11/11/2015 | 11.8700    | 16.8700    | 53.7300      |
| BRANEX-COG FEDERAL #13 | 11/10/2015 | 11.8800    | 21.0900    | 42.5500      |
| BRANEX-COG FEDERAL #13 | 11/09/2015 | 11.8700    | 17.4400    | 81.4900      |
| BRANEX-COG FEDERAL #13 | 11/08/2015 | 12.6200    | 18.2800    | 60.5800      |
| BRANEX-COG FEDERAL #13 | 11/07/2015 | 7.7600     | 2.7100     | 45.8800      |
| BRANEX-COG FEDERAL #13 | 11/06/2015 | 7.7600     | 2.5400     | 45.8800      |
| BRANEX-COG FEDERAL #13 | 11/05/2015 | 7.7600     | 2.8700     | 49.0100      |
| BRANEX-COG FEDERAL #13 | 11/04/2015 | 7.7600     | 2.7900     | 47.5900      |
| BRANEX-COG FEDERAL #13 | 11/03/2015 | 7.7600     | 2.5800     | 45.8800      |
| BRANEX-COG FEDERAL #13 | 11/02/2015 | 7.7600     | 3.0400     | 51.8600      |
| BRANEX-COG FEDERAL #13 | 11/01/2015 | 7.7600     | 2.4200     | 41.8900      |
| Monthly Average:       |            | 10.0627    | 13.8877    | 52.4293      |
| BRANEX-COG FEDERAL #13 | 10/31/2015 | 7.7600     | 3.2100     | 55.5600      |
| BRANEX-COG FEDERAL #13 | 10/30/2015 | 5.8200     | 2.5800     | 44.1700      |
| BRANEX-COG FEDERAL #13 | 10/29/2015 | 6.7900     | 3.1700     | 52.1500      |
| BRANEX-COG FEDERAL #13 | 10/28/2015 | 7.7600     | 2.8300     | 41.3200      |
| BRANEX-COG FEDERAL #13 | 10/27/2015 | 6.4600     | 2.8800     | 44.8300      |
| BRANEX-COG FEDERAL #13 | 10/26/2015 | 6.4600     | 2.8800     | 59.5900      |
| BRANEX-COG FEDERAL #13 | 10/25/2015 | 4.0400     | 2.3000     | 30.5900      |
| BRANEX-COG FEDERAL #13 | 10/24/2015 | 6.4600     | 2.8800     | 44.8300      |
| BRANEX-COG FEDERAL #13 | 10/23/2015 | 6.4600     | 2.7900     | 45.6200      |
| BRANEX-COG FEDERAL #13 | 10/22/2015 | 6.4600     | 3.0000     | 47.4600      |
| BRANEX-COG FEDERAL #13 | 10/21/2015 | 6.4600     | 2.8800     | 48.5200      |
| BRANEX-COG FEDERAL #13 | 10/20/2015 | 6.4600     | 4.1500     | 43.2400      |
| BRANEX-COG FEDERAL #13 | 10/19/2015 | 6.4700     | 4.0300     | 46.1400      |
| BRANEX-COG FEDERAL #13 | 10/18/2015 | 6.4700     | 2.1000     | 28.2100      |
| BRANEX-COG FEDERAL #13 | 10/17/2015 | 5.2400     | 1.8700     | 26.0600      |
| BRANEX-COG FEDERAL #13 | 10/16/2015 | 5.9700     | 1.8700     | 25.6200      |
| BRANEX-COG FEDERAL #13 | 10/15/2015 | 5.9700     | 3.3100     | 42.6200      |
| BRANEX-COG FEDERAL #13 | 10/14/2015 | 6.7100     | 2.9200     | 41.9600      |
| BRANEX-COG FEDERAL #13 | 10/13/2015 | 5.9700     | 3.1200     | 46.6000      |
| BRANEX-COG FEDERAL #13 | 10/12/2015 | 5.9700     | 3.1200     | 40.6300      |
| BRANEX-COG FEDERAL #13 | 10/11/2015 | 6.7100     | 2.9600     | 38.6500      |
| BRANEX-COG FEDERAL #13 | 10/10/2015 | 6.7100     | 3.1200     | 38.4200      |
| BRANEX-COG FEDERAL #13 | 10/09/2015 | 8.2000     | 2.7300     | 35.3300      |
| BRANEX-COG FEDERAL #13 | 10/08/2015 | 6.7100     | 3.3500     | 43.5000      |
| BRANEX-COG FEDERAL #13 | 10/07/2015 | 5.9700     | 3.4300     | 43.2800      |
| BRANEX-COG FEDERAL #13 | 10/06/2015 | 6.7100     | 4.3200     | 38.4200      |
| BRANEX-COG FEDERAL #13 | 10/05/2015 | 6.7100     | 2.6500     | 37.9800      |
| BRANEX-COG FEDERAL #13 | 10/04/2015 | 5.9700     | 2.9600     | 38.4200      |
| BRANEX-COG FEDERAL #13 | 10/03/2015 | 3.7300     | 3.0800     | 37.7600      |

36.3

Branex-COG Federal 13  
Production Data

|                        |            |         |         |         |
|------------------------|------------|---------|---------|---------|
| BRANEX-COG FEDERAL #13 | 10/02/2015 | 5.2200  | 3.0800  | 40.6300 |
| BRANEX-COG FEDERAL #13 | 10/01/2015 | 3.7300  | 3.0400  | 36.0000 |
| Monthly Average:       |            | 6.2106  | 2.9874  | 41.4229 |
| BRANEX-COG FEDERAL #13 | 09/30/2015 | 5.9700  | 3.1200  | 43.5000 |
| BRANEX-COG FEDERAL #13 | 09/29/2015 | 5.2200  | 4.2500  | 41.3000 |
| BRANEX-COG FEDERAL #13 | 09/28/2015 | 6.7100  | 3.3100  | 40.6300 |
| BRANEX-COG FEDERAL #13 | 09/27/2015 | 5.2300  | 3.4300  | 41.0700 |
| BRANEX-COG FEDERAL #13 | 09/26/2015 | 2.3100  | 3.2300  | 39.8700 |
| BRANEX-COG FEDERAL #13 | 09/25/2015 | 3.4700  | 3.8500  | 72.7800 |
| BRANEX-COG FEDERAL #13 | 09/24/2015 | 6.3500  | 1.0300  | 32.7000 |
| BRANEX-COG FEDERAL #13 | 09/23/2015 | 5.7500  | 2.1000  | 31.2200 |
| BRANEX-COG FEDERAL #13 | 09/22/2015 | 5.1900  | 2.9700  | 46.8400 |
| BRANEX-COG FEDERAL #13 | 09/21/2015 | 5.7700  | 3.7900  | 50.0000 |
| BRANEX-COG FEDERAL #13 | 09/20/2015 | 6.3500  | 3.7900  | 47.4700 |
| BRANEX-COG FEDERAL #13 | 09/19/2015 | 5.1900  | 3.9500  | 50.6300 |
| BRANEX-COG FEDERAL #13 | 09/18/2015 | 4.6200  | 4.2600  | 49.7900 |
| BRANEX-COG FEDERAL #13 | 09/17/2015 | 4.9100  | 6.5100  | 48.5200 |
| BRANEX-COG FEDERAL #13 | 09/16/2015 | 5.1900  | 0.7200  | 37.3400 |
| BRANEX-COG FEDERAL #13 | 09/15/2015 | 5.4200  | 3.8900  | 53.8100 |
| BRANEX-COG FEDERAL #13 | 09/14/2015 | 4.2200  | 4.0000  | 54.0400 |
| BRANEX-COG FEDERAL #13 | 09/13/2015 | 7.2300  | 4.4800  | 61.4300 |
| BRANEX-COG FEDERAL #13 | 09/12/2015 | 5.4200  | 3.7900  | 51.3500 |
| BRANEX-COG FEDERAL #13 | 09/11/2015 | 5.4200  | 4.1100  | 55.6100 |
| BRANEX-COG FEDERAL #13 | 09/10/2015 | 7.6200  | 5.1700  | 70.3400 |
| BRANEX-COG FEDERAL #13 | 09/09/2015 | 5.5400  | 4.8000  | 61.5200 |
| BRANEX-COG FEDERAL #13 | 09/08/2015 | 6.9300  | 4.9200  | 66.1800 |
| BRANEX-COG FEDERAL #13 | 09/07/2015 | 6.2300  | 4.9200  | 65.2000 |
| BRANEX-COG FEDERAL #13 | 09/06/2015 | 10.3900 | 4.7400  | 58.8200 |
| BRANEX-COG FEDERAL #13 | 09/05/2015 | 9.0000  | 5.2300  | 49.0200 |
| BRANEX-COG FEDERAL #13 | 09/04/2015 | 7.9100  | 6.1300  | 64.4200 |
| BRANEX-COG FEDERAL #13 | 09/03/2015 | 2.6400  | 7.0300  | 50.0000 |
| BRANEX-COG FEDERAL #13 | 09/02/2015 | 3.3000  | 1.2300  | 6.9800  |
| BRANEX-COG FEDERAL #13 | 09/01/2015 | 7.9100  | 6.3900  | 53.9500 |
| Monthly Average:       |            | 5.7803  | 4.0380  | 49.8777 |
| BRANEX-COG FEDERAL #13 | 08/31/2015 | 5.2800  | 7.9400  | 61.6300 |
| BRANEX-COG FEDERAL #13 | 08/30/2015 | 4.6200  | 5.4200  | 51.1600 |
| BRANEX-COG FEDERAL #13 | 08/29/2015 | 3.9600  | 4.2700  | 45.5500 |
| BRANEX-COG FEDERAL #13 | 08/28/2015 | 3.9600  | 3.8600  | 41.1000 |
| BRANEX-COG FEDERAL #13 | 08/27/2015 | 2.9700  | 4.0700  | 41.9900 |
| BRANEX-COG FEDERAL #13 | 08/26/2015 | 9.0900  | 20.0000 | 48.0400 |
| BRANEX-COG FEDERAL #13 | 08/25/2015 | 6.8200  | 38.4400 | 51.1300 |
| BRANEX-COG FEDERAL #13 | 08/24/2015 | 4.5500  | 6.5600  | 29.2800 |
| BRANEX-COG FEDERAL #13 | 08/23/2015 | 5.8500  | 10.5400 | 30.3500 |
| BRANEX-COG FEDERAL #13 | 08/22/2015 | 8.3600  | 18.8700 | 40.9200 |
| BRANEX-COG FEDERAL #13 | 08/21/2015 | 8.3600  | 19.8500 | 50.2900 |
| BRANEX-COG FEDERAL #13 | 08/20/2015 | 8.2100  | 16.5900 | 39.5600 |
| BRANEX-COG FEDERAL #13 | 08/19/2015 | 8.2100  | 18.3600 | 45.8200 |
| BRANEX-COG FEDERAL #13 | 08/18/2015 | 5.7500  | 21.2400 | 43.8500 |
| BRANEX-COG FEDERAL #13 | 08/17/2015 | 4.9200  | 20.5800 | 30.4900 |
| BRANEX-COG FEDERAL #13 | 08/16/2015 | 4.9200  | 25.2200 | 29.8400 |
| BRANEX-COG FEDERAL #13 | 08/15/2015 | 3.2800  | 7.3000  | 19.1200 |
| BRANEX-COG FEDERAL #13 | 08/14/2015 | 3.2800  | 4.4200  | 28.6800 |
| BRANEX-COG FEDERAL #13 | 08/13/2015 | 4.1000  | 11.7300 | 38.0800 |
| BRANEX-COG FEDERAL #13 | 08/12/2015 | 9.8500  | 25.6600 | 40.3800 |
| BRANEX-COG FEDERAL #13 | 08/11/2015 | 5.7500  | 19.6900 | 31.3200 |
| BRANEX-COG FEDERAL #13 | 08/10/2015 | 7.3900  | 11.5000 | 44.8400 |
| BRANEX-COG FEDERAL #13 | 08/09/2015 | 9.0300  | 19.4700 | 56.0400 |
| BRANEX-COG FEDERAL #13 | 08/08/2015 | 9.8500  | 20.3500 | 36.7600 |
| BRANEX-COG FEDERAL #13 | 08/07/2015 | 9.8500  | 17.9200 | 29.6700 |
| BRANEX-COG FEDERAL #13 | 08/06/2015 | 9.8600  | 18.5800 | 20.1100 |
| BRANEX-COG FEDERAL #13 | 08/05/2015 | 6.5700  | 16.5900 | 39.0700 |

Branex-COG Federal 13  
Production Data

|                        |            |         |         |         |
|------------------------|------------|---------|---------|---------|
| BRANEX-COG FEDERAL #13 | 08/04/2015 | 9.8500  | 20.3500 | 46.6500 |
| BRANEX-COG FEDERAL #13 | 08/03/2015 | 9.8500  | 19.9100 | 41.0400 |
| BRANEX-COG FEDERAL #13 | 08/02/2015 | 8.2100  | 21.2400 | 45.3300 |
| BRANEX-COG FEDERAL #13 | 08/01/2015 | 4.1000  | 20.8000 | 45.4900 |
| Monthly Average:       |            | 6.6661  | 16.0426 | 40.1155 |
| BRANEX-COG FEDERAL #13 | 07/31/2015 | 6.5700  | 21.2400 | 41.0400 |
| BRANEX-COG FEDERAL #13 | 07/30/2015 | 9.8500  | 21.0200 | 49.4500 |
| BRANEX-COG FEDERAL #13 | 07/29/2015 | 12.3100 | 21.6800 | 52.0900 |
| BRANEX-COG FEDERAL #13 | 07/28/2015 | 15.5900 | 22.5700 | 43.1900 |
| BRANEX-COG FEDERAL #13 | 07/27/2015 | 14.7700 | 19.4700 | 59.3400 |
| BRANEX-COG FEDERAL #13 | 07/26/2015 | 16.4200 | 22.7900 | 50.9300 |
| BRANEX-COG FEDERAL #13 | 07/25/2015 | 19.7000 | 23.0100 | 52.5800 |
| BRANEX-COG FEDERAL #13 | 07/24/2015 | 14.5600 | 25.3400 | 53.3400 |
| BRANEX-COG FEDERAL #13 | 07/23/2015 | 13.7000 | 25.8300 | 48.4800 |
| BRANEX-COG FEDERAL #13 | 07/22/2015 | 8.5600  | 22.6900 | 55.5900 |
| BRANEX-COG FEDERAL #13 | 07/21/2015 | 5.9900  | 26.5500 | 52.0300 |
| BRANEX-COG FEDERAL #13 | 07/20/2015 | 3.4200  | 26.5500 | 49.4100 |
| BRANEX-COG FEDERAL #13 | 07/19/2015 | 5.1400  | 21.4800 | 49.4100 |
| BRANEX-COG FEDERAL #13 | 07/18/2015 | 5.1400  | 26.5500 | 55.4000 |
| BRANEX-COG FEDERAL #13 | 07/17/2015 | 8.5600  | 25.5900 | 54.0900 |
| BRANEX-COG FEDERAL #13 | 07/16/2015 | 10.2800 | 27.0300 | 59.5200 |
| BRANEX-COG FEDERAL #13 | 07/15/2015 | 30.8200 | 26.3100 | 56.5200 |
| BRANEX-COG FEDERAL #13 | 07/14/2015 | 14.5600 | 26.5500 | 55.9600 |
| BRANEX-COG FEDERAL #13 | 07/13/2015 | 15.4100 | 26.5500 | 56.7100 |
| BRANEX-COG FEDERAL #13 | 07/12/2015 | 12.8400 | 27.0300 | 55.5900 |
| BRANEX-COG FEDERAL #13 | 07/11/2015 | 13.7000 | 27.0300 | 53.3400 |
| BRANEX-COG FEDERAL #13 | 07/10/2015 | 13.7000 | 26.5500 | 56.9000 |
| BRANEX-COG FEDERAL #13 | 07/09/2015 | 12.8400 | 26.7900 | 61.0200 |
| BRANEX-COG FEDERAL #13 | 07/08/2015 | 12.8400 | 26.5500 | 56.5200 |
| BRANEX-COG FEDERAL #13 | 07/07/2015 | 13.7000 | 26.5500 | 57.8300 |
| BRANEX-COG FEDERAL #13 | 07/06/2015 | 13.7000 | 27.5200 | 58.5800 |
| BRANEX-COG FEDERAL #13 | 07/05/2015 | 13.7000 | 28.2400 | 53.9000 |
| BRANEX-COG FEDERAL #13 | 07/04/2015 | 14.5600 | 27.0300 | 60.0800 |
| BRANEX-COG FEDERAL #13 | 07/03/2015 | 15.4200 | 26.5500 | 67.0100 |
| BRANEX-COG FEDERAL #13 | 07/02/2015 | 12.8400 | 26.5500 | 61.0200 |
| BRANEX-COG FEDERAL #13 | 07/01/2015 | 12.8500 | 26.5500 | 55.5900 |
| Monthly Average:       |            | 12.7110 | 25.2174 | 54.5955 |
| BRANEX-COG FEDERAL #13 | 06/30/2015 | 12.8400 | 26.3100 | 60.8300 |
| BRANEX-COG FEDERAL #13 | 06/29/2015 | 12.8400 | 26.0700 | 64.7600 |
| BRANEX-COG FEDERAL #13 | 06/28/2015 | 11.9900 | 25.5900 | 55.4000 |
| BRANEX-COG FEDERAL #13 | 06/27/2015 | 11.9900 | 25.5900 | 55.7800 |
| BRANEX-COG FEDERAL #13 | 06/26/2015 | 11.9900 | 25.3400 | 59.3300 |
| BRANEX-COG FEDERAL #13 | 06/25/2015 | 13.2800 | 27.0300 | 60.0800 |
| BRANEX-COG FEDERAL #13 | 06/24/2015 | 11.1300 | 27.2800 | 67.0100 |
| BRANEX-COG FEDERAL #13 | 06/23/2015 | 9.4200  | 27.2800 | 60.8300 |
| BRANEX-COG FEDERAL #13 | 06/22/2015 | 11.1300 | 25.5900 | 54.4700 |
| BRANEX-COG FEDERAL #13 | 06/21/2015 | 12.4100 | 26.0700 | 59.5200 |
| BRANEX-COG FEDERAL #13 | 06/20/2015 | 11.1300 | 27.5200 | 59.3300 |
| BRANEX-COG FEDERAL #13 | 06/19/2015 | 11.1300 | 26.5500 | 71.6800 |
| BRANEX-COG FEDERAL #13 | 06/18/2015 | 13.7000 | 24.8600 | 55.9600 |
| BRANEX-COG FEDERAL #13 | 06/17/2015 | 13.7000 | 28.9700 | 49.7900 |
| BRANEX-COG FEDERAL #13 | 06/16/2015 | 12.8400 | 24.1400 | 71.8700 |
| BRANEX-COG FEDERAL #13 | 06/15/2015 | 13.7100 | 25.8300 | 54.0900 |
| BRANEX-COG FEDERAL #13 | 06/14/2015 | 13.7000 | 25.8300 | 67.1900 |
| BRANEX-COG FEDERAL #13 | 06/13/2015 | 17.1200 | 28.7200 | 69.4400 |
| BRANEX-COG FEDERAL #13 | 06/12/2015 | 17.1300 | 27.2100 | 69.8000 |
| BRANEX-COG FEDERAL #13 | 06/11/2015 | 17.1200 | 31.1400 | 69.4000 |
| BRANEX-COG FEDERAL #13 | 06/10/2015 | 13.9900 | 24.5800 | 52.0500 |
| BRANEX-COG FEDERAL #13 | 06/09/2015 | 12.4400 | 27.0600 | 64.6600 |
| BRANEX-COG FEDERAL #13 | 06/08/2015 | 15.5800 | 27.6000 | 70.2600 |
| BRANEX-COG FEDERAL #13 | 06/07/2015 | 13.8500 | 27.8300 | 71.5800 |

# Branex-COG Federal 13

## Production Data

|                        |            |         |         |         |
|------------------------|------------|---------|---------|---------|
| BRANEX-COG FEDERAL #13 | 06/06/2015 | 13.8500 | 27.3700 | 74.2100 |
| BRANEX-COG FEDERAL #13 | 06/05/2015 | 13.1600 | 27.1400 | 71.2000 |
| BRANEX-COG FEDERAL #13 | 06/04/2015 | 14.2000 | 28.7500 | 74.2100 |
| BRANEX-COG FEDERAL #13 | 06/03/2015 | 13.8500 | 25.7600 | 68.5600 |
| BRANEX-COG FEDERAL #13 | 06/02/2015 | 18.0100 | 28.9800 | 80.9900 |
| BRANEX-COG FEDERAL #13 | 06/01/2015 | 18.0100 | 25.7600 | 62.9100 |
| Monthly Average:       |            | 13.5747 | 26.7917 | 64.2397 |