


|  |  |   |  |                                       |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
|--|--|---|--|---------------------------------------|-----------------------------------|---|--|---|--|--|---------------------|---|------------------|--|-------------------------|---------------------|--------------------------|--|------------------------------|----------------------|----------------------|----------------------------|--|-----------------------------|-----------------------------------|-------------------------------------|-----------------------|--|
| <b>FORM 5A</b><br>Rev 02/08  | <b>State of Colorado</b><br><b>Oil and Gas Conservation Commission</b><br>1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109 |  | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">DE</td> <td style="width: 25%;">ET</td> <td style="width: 25%;">OE</td> <td style="width: 25%;">ES</td> </tr> </table> | DE                                    | ET                                | OE  | ES   |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| DE   | ET   | OE  | ES   |                                       |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| <b>COMPLETED INTERVAL REPORT</b>   |  |   | Document Number:<br><br><div style="border: 1px solid black; padding: 5px; text-align: center;">400185475</div>  |                                       |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| The completed interval Report, Form 5A, shall be submitted within thirty (30) days of completing a formation (successful or not), when a formation is temporarily abandoned or permanently abandoned, for a recompletion, reperforation or restimulation, or when a formation is commingled. Fill out a section for each formation. Attach as many pages as required to fully describe the work. List in order of completion.  |  |   |  |                                       |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| <table style="width: 100%;"> <tr> <td style="width: 50%;">1. OGCC Operator Number: <u>47120</u></td> <td style="width: 50%;">4. Contact Name: <u>Cindy Vue</u></td> </tr> <tr> <td>2. Name of Operator: <u>KERR-MCGEE OIL &amp; GAS ONSHORE LP</u></td> <td>Phone: <u>(720) 929-6832</u></td> </tr> <tr> <td>3. Address: <u>P O BOX 173779</u></td> <td>Fax: <u>(720) 929-7832</u></td> </tr> <tr> <td>City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80217-37</u></td> <td></td> </tr> </table>   |  |   |  | 1. OGCC Operator Number: <u>47120</u> | 4. Contact Name: <u>Cindy Vue</u> | 2. Name of Operator: <u>KERR-MCGEE OIL &amp; GAS ONSHORE LP</u> | Phone: <u>(720) 929-6832</u>                               | 3. Address: <u>P O BOX 173779</u>   | Fax: <u>(720) 929-7832</u>                   | City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80217-37</u>  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| 1. OGCC Operator Number: <u>47120</u>  | 4. Contact Name: <u>Cindy Vue</u>  |   |  |                                       |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| 2. Name of Operator: <u>KERR-MCGEE OIL &amp; GAS ONSHORE LP</u>  | Phone: <u>(720) 929-6832</u>   |   |  |                                       |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| 3. Address: <u>P O BOX 173779</u>  | Fax: <u>(720) 929-7832</u>   |   |  |                                       |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
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| <table style="width: 100%;"> <tr> <td style="width: 50%;">5. API Number <u>05-123-32692-00</u></td> <td style="width: 50%;">6. County: <u>WELD</u></td> </tr> <tr> <td>7. Well Name: <u>PINNACLE</u></td> <td>Well Number: <u>24-2</u></td> </tr> <tr> <td>8. Location: QtrQtr: <u>NENE</u> Section: <u>2</u> Township: <u>1N</u> Range: <u>68W</u> Meridian: <u>6</u></td> <td></td> </tr> <tr> <td>9. Field Name: <u>SPINDLE</u> Field Code: <u>77900</u></td> <td></td> </tr> </table>  |  |   |  | 5. API Number <u>05-123-32692-00</u>  | 6. County: <u>WELD</u>            | 7. Well Name: <u>PINNACLE</u>                                   | Well Number: <u>24-2</u>                                   | 8. Location: QtrQtr: <u>NENE</u> Section: <u>2</u> Township: <u>1N</u> Range: <u>68W</u> Meridian: <u>6</u> |  | 9. Field Name: <u>SPINDLE</u> Field Code: <u>77900</u>   |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| 5. API Number <u>05-123-32692-00</u>   | 6. County: <u>WELD</u>   |   |  |                                       |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| 7. Well Name: <u>PINNACLE</u>  | Well Number: <u>24-2</u>   |   |  |                                       |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
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| 9. Field Name: <u>SPINDLE</u> Field Code: <u>77900</u>   |  |   |  |                                       |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| <b>Completed Interval</b>  |  |   |  |                                       |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| <table style="width: 100%;"> <tr> <td style="width: 50%;">FORMATION: <u>J-NIOBRARA-CODELL</u></td> <td style="width: 50%;">Status: <u>PRODUCING</u></td> </tr> <tr> <td>Treatment Date: <u>05/24/2011</u></td> <td>Date of First Production this formation: <u>06/20/2011</u></td> </tr> <tr> <td>Perforations Top: <u>7736</u> Bottom: <u>8424</u></td> <td>No. Holes: <u>186</u> Hole size: <u>0.42</u></td> </tr> <tr> <td colspan="2">Provide a brief summary of the formation treatment: <span style="float: right;">Open Hole: <input type="checkbox"/></span></td> </tr> <tr> <td colspan="2" style="border: 1px solid black; padding: 5px;">           NB PERF 7736-7840 HOLES 62 SIZE 0.42<br/>           CD PERF 7962-7978 HOLES 64 SIZE 0.42<br/>           J S PERF 8404-8424 HOLES 60 SIZE 0.42         </td> </tr> <tr> <td colspan="2">This formation is commingled with another formation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</td> </tr> </table> |  |   |  | FORMATION: <u>J-NIOBRARA-CODELL</u>   | Status: <u>PRODUCING</u>          | Treatment Date: <u>05/24/2011</u>                               | Date of First Production this formation: <u>06/20/2011</u> | Perforations Top: <u>7736</u> Bottom: <u>8424</u>   | No. Holes: <u>186</u> Hole size: <u>0.42</u> | Provide a brief summary of the formation treatment: <span style="float: right;">Open Hole: <input type="checkbox"/></span> |                     | NB PERF 7736-7840 HOLES 62 SIZE 0.42<br>CD PERF 7962-7978 HOLES 64 SIZE 0.42<br>J S PERF 8404-8424 HOLES 60 SIZE 0.42 |                  | This formation is commingled with another formation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| FORMATION: <u>J-NIOBRARA-CODELL</u>  | Status: <u>PRODUCING</u>   |   |  |                                       |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| Treatment Date: <u>05/24/2011</u>  | Date of First Production this formation: <u>06/20/2011</u>   |   |  |                                       |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| Perforations Top: <u>7736</u> Bottom: <u>8424</u>  | No. Holes: <u>186</u> Hole size: <u>0.42</u>   |   |  |                                       |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| Provide a brief summary of the formation treatment: <span style="float: right;">Open Hole: <input type="checkbox"/></span>   |  |   |  |                                       |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| NB PERF 7736-7840 HOLES 62 SIZE 0.42<br>CD PERF 7962-7978 HOLES 64 SIZE 0.42<br>J S PERF 8404-8424 HOLES 60 SIZE 0.42  |  |   |  |                                       |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| This formation is commingled with another formation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  |   |  |                                       |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| <b>Test Information:</b><br><table style="width: 100%;"> <tr> <td>Date: <u>06/20/2011</u></td> <td>Hours: <u>24</u></td> <td>Bbls oil: <u>15</u></td> <td>Mcf Gas: <u>135</u></td> <td>Bbls H2O: <u>0</u></td> </tr> <tr> <td>Calculated 24 hour rate:</td> <td>Bbls oil: <u>15</u></td> <td>Mcf Gas: <u>135</u></td> <td>Bbls H2O: <u>0</u></td> <td>GOR: <u>9000</u></td> </tr> <tr> <td>Test Method: <u>FLOWING</u></td> <td>Casing PSI: <u>1600</u></td> <td>Tubing PSI: <u></u></td> <td>Choke Size: <u>12/64</u></td> <td></td> </tr> <tr> <td>Gas Disposition: <u>SOLD</u></td> <td>Gas Type: <u>WET</u></td> <td>BTU Gas: <u>1269</u></td> <td>API Gravity Oil: <u>48</u></td> <td></td> </tr> <tr> <td>Tubing Size: <u>2 + 3/8</u></td> <td>Tubing Setting Depth: <u>8382</u></td> <td>Tbg setting date: <u>07/13/2011</u></td> <td>Packer Depth: <u></u></td> <td></td> </tr> </table>   |  |   |  | Date: <u>06/20/2011</u>               | Hours: <u>24</u>                  | Bbls oil: <u>15</u>   | Mcf Gas: <u>135</u>  | Bbls H2O: <u>0</u>  | Calculated 24 hour rate:                     | Bbls oil: <u>15</u>  | Mcf Gas: <u>135</u> | Bbls H2O: <u>0</u>  | GOR: <u>9000</u> | Test Method: <u>FLOWING</u>  | Casing PSI: <u>1600</u> | Tubing PSI: <u></u> | Choke Size: <u>12/64</u> |  | Gas Disposition: <u>SOLD</u> | Gas Type: <u>WET</u> | BTU Gas: <u>1269</u> | API Gravity Oil: <u>48</u> |  | Tubing Size: <u>2 + 3/8</u> | Tubing Setting Depth: <u>8382</u> | Tbg setting date: <u>07/13/2011</u> | Packer Depth: <u></u> |  |
| Date: <u>06/20/2011</u>  | Hours: <u>24</u>   | Bbls oil: <u>15</u>   | Mcf Gas: <u>135</u>  | Bbls H2O: <u>0</u>                    |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| Calculated 24 hour rate:   | Bbls oil: <u>15</u>  | Mcf Gas: <u>135</u>   | Bbls H2O: <u>0</u>   | GOR: <u>9000</u>                      |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| Test Method: <u>FLOWING</u>  | Casing PSI: <u>1600</u>  | Tubing PSI: <u></u>   | Choke Size: <u>12/64</u>   |                                       |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
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| Tubing Size: <u>2 + 3/8</u>  | Tubing Setting Depth: <u>8382</u>  | Tbg setting date: <u>07/13/2011</u>   | Packer Depth: <u></u>  |                                       |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| Reason for Non-Production:<br><div style="border: 1px solid black; height: 20px; width: 100%;"></div>  |  |   |  |                                       |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| Date formation Abandoned: <u></u> Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, number of sacks cmt <u></u>  |  |   |  |                                       |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |
| Bridge Plug Depth: <u></u> Sacks cement on top: <u></u>  |  |   |  |                                       |                                   |   |  |   |  |  |                     |   |                  |  |                         |                     |                          |  |                              |                      |                      |                            |  |                             |                                   |                                     |                       |  |

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

|  |                                      |   |   |
|--|--------------------------------------|---|---|
| FORMATION: <u>J SAND</u>   |                                      | Status: <u>COMMINGLED</u>   |   |
| Treatment Date: <u>05/24/2011</u>  |                                      | Date of First Production this formation: <u>06/20/2011</u>          |   |
| Perforations   | Top: <u>8404</u> Bottom: <u>8424</u> | No. Holes: <u>60</u>  | Hole size: <u>0.42</u>                    |
| Provide a brief summary of the formation treatment:  |                                      | Open Hole: <input type="checkbox"/>                                 |   |
| <div style="border: 1px solid black; padding: 5px;">J S PERF 8404-8424 HOLES 60 SIZE 0.42<br/>Frac J-Sand down 4-1/2" Csg w/ 151,133 gal Slickwater w/ 115,520# 40/70, 4,000# SB Excel</div> |                                      |   |   |
| This formation is commingled with another formation:   |                                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |   |
| <b>Test Information:</b>   |                                      |   |   |
| Date: _____  | Hours: _____                         | Bbls oil: _____   | Mcf Gas: _____ Bbls H2O: _____            |
| Calculated 24 hour rate: _____   |                                      | Bbls oil: _____   | Mcf Gas: _____ Bbls H2O: _____ GOR: _____ |
| Test Method: _____   | Casing PSI: _____                    | Tubing PSI: _____   | Choke Size: _____                         |
| Gas Disposition: _____   | Gas Type: _____                      | BTU Gas: _____  | API Gravity Oil: _____                    |
| Tubing Size: _____   | Tubing Setting Depth: _____          | Tbg setting date: _____   | Packer Depth: _____                       |
| Reason for Non-Production: _____<br><div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div>   |                                      |   |   |
| Date formation Abandoned: _____  |                                      | Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No   | If yes, number of sacks cmt _____         |
| Bridge Plug Depth: _____   |                                      | Sacks cement on top: _____  |   |

|  |                                      |   |   |
|--|--------------------------------------|---|---|
| FORMATION: <u>NIOBRARA-CODELL</u>  |                                      | Status: <u>COMMINGLED</u>   |   |
| Treatment Date: <u>05/27/2011</u>  |                                      | Date of First Production this formation: <u>06/20/2011</u>          |   |
| Perforations   | Top: <u>7736</u> Bottom: <u>7978</u> | No. Holes: <u>126</u>   | Hole size: <u>0.42</u>                    |
| Provide a brief summary of the formation treatment:  |                                      | Open Hole: <input type="checkbox"/>                                 |   |
| <div style="border: 1px solid black; padding: 5px;">NB PERF 7736-7840 HOLES 62 SIZE 0.42      CD PERF 7962-7978 HOLES 64 SIZE 0.42<br/>Frac Niobrara B &amp; C down 4-1/2" Csg w/ 250 gal 15% HCl &amp; 257,786 gal Slickwater w/ 200,340# 40/70, 4,000# SB Excel<br/>Frac Codell down 4-1/2" Csg w/ 207,984 gal Slickwater w/ 151,040# 40/70, 4,000# SB Excel</div> |                                      |   |   |
| This formation is commingled with another formation:   |                                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |   |
| <b>Test Information:</b>   |                                      |   |   |
| Date: _____  | Hours: _____                         | Bbls oil: _____   | Mcf Gas: _____ Bbls H2O: _____            |
| Calculated 24 hour rate: _____   |                                      | Bbls oil: _____   | Mcf Gas: _____ Bbls H2O: _____ GOR: _____ |
| Test Method: _____   | Casing PSI: _____                    | Tubing PSI: _____   | Choke Size: _____                         |
| Gas Disposition: _____   | Gas Type: _____                      | BTU Gas: _____  | API Gravity Oil: _____                    |
| Tubing Size: _____   | Tubing Setting Depth: _____          | Tbg setting date: _____   | Packer Depth: _____                       |
| Reason for Non-Production: _____<br><div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div>   |                                      |   |   |
| Date formation Abandoned: _____  |                                      | Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No   | If yes, number of sacks cmt _____         |
| Bridge Plug Depth: _____   |                                      | Sacks cement on top: _____  |   |

**Comment:**

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Cindy Vue

Title: Regulatory Analyst II Date: 7/15/2011 Email Cindy.Vue@anadarko.com  
:

### **Attachment Check List**

| Att Doc Num | Name              |
|-------------|-------------------|
| 400185475   | FORM 5A SUBMITTED |

Total Attach: 1 Files

### **General Comments**

| <b><u>User Group</u></b> | <b><u>Comment</u></b> | <b><u>Comment Date</u></b> |
|--------------------------|-----------------------|----------------------------|
|                          |                       |                            |

Total: 0 comment(s)