

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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

NM OIL CONSERVATION  
DISTRICT  
AUG 10 2018

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

RECEIVED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                                |                                                      |                                                                        |
|------------------------------------------------|------------------------------------------------------|------------------------------------------------------------------------|
| <sup>1</sup> API Number<br><b>30-015-45158</b> | <sup>2</sup> Pool Code<br><b>13354</b>               | <sup>3</sup> Pool Name<br><b>Corral Canyon</b><br>Wildcat; Bone Spring |
| <sup>4</sup> Property Code<br><b>322241</b>    | <sup>5</sup> Property Name<br>BRUSHY DRAW 30 FEDERAL |                                                                        |
| <sup>7</sup> UGRID No.<br>260737               | <sup>8</sup> Operator Name<br>BOPCO, L.P.            |                                                                        |
|                                                |                                                      | <sup>6</sup> Well Number<br>90311                                      |
|                                                |                                                      | <sup>9</sup> Elevation<br>3094'                                        |

<sup>10</sup> Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| N             | 30      | 25 S     | 30 E  |         | 330           | SOUTH            | 1,950         | WEST           | EDDY   |

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

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| F             | 7       | 26 S     | 30 E  |         | 2,440         | NORTH            | 1,650         | WEST           | EDDY   |

|                                             |                               |                                  |                         |
|---------------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br><b>400</b> | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|---------------------------------------------|-------------------------------|----------------------------------|-------------------------|

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

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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             |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |                                                                                                                                                                                                                                                                                                                                              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| <sup>16</sup> | <p>GEODEIC COORDINATES<br/>NAD 27 NME<br/>SURFACE LOCATION<br/>Y= 398,305.2<br/>X= 627,221.1<br/>LAT.= 32.094391°N<br/>LONG.= 103.922516°W</p> <p>FIRST TAKE POINT<br/>NAD 27 NME<br/>Y= 397,643.5<br/>X= 626,925.4<br/>LAT.= 32.092575°N<br/>LONG.= 103.923479°W</p> <p>CORNER COORDINATES TABLE<br/>NAD 27 NME</p> <table border="1"> <tr><td>A</td><td>Y= 397,979.8</td><td>N</td><td>X= 627,958.6</td><td>E</td></tr> <tr><td>B</td><td>Y= 397,871.7</td><td>N</td><td>X= 626,826.2</td><td>E</td></tr> <tr><td>C</td><td>Y= 395,324.1</td><td>N</td><td>X= 627,863.2</td><td>E</td></tr> <tr><td>D</td><td>Y= 395,315.3</td><td>N</td><td>X= 626,832.1</td><td>E</td></tr> <tr><td>E</td><td>Y= 392,668.7</td><td>N</td><td>X= 627,867.8</td><td>E</td></tr> <tr><td>F</td><td>Y= 392,657.3</td><td>N</td><td>X= 626,838.2</td><td>E</td></tr> <tr><td>G</td><td>Y= 390,011.6</td><td>N</td><td>X= 627,890.2</td><td>E</td></tr> <tr><td>H</td><td>Y= 390,001.9</td><td>N</td><td>X= 626,859.9</td><td>E</td></tr> <tr><td>I</td><td>Y= 387,354.0</td><td>N</td><td>X= 628,012.6</td><td>E</td></tr> <tr><td>J</td><td>Y= 387,344.6</td><td>N</td><td>X= 626,862.1</td><td>E</td></tr> <tr><td>K</td><td>Y= 384,698.5</td><td>N</td><td>X= 628,018.6</td><td>E</td></tr> <tr><td>L</td><td>Y= 384,688.3</td><td>N</td><td>X= 626,868.4</td><td>E</td></tr> </table> <p>CORNER COORDINATES TABLE<br/>NAD 83 NME</p> <table border="1"> <tr><td>A</td><td>Y= 398,037.8</td><td>N</td><td>X= 669,143.7</td><td>E</td></tr> <tr><td>B</td><td>Y= 398,029.7</td><td>N</td><td>X= 667,811.3</td><td>E</td></tr> <tr><td>C</td><td>Y= 395,382.0</td><td>N</td><td>X= 669,148.4</td><td>E</td></tr> <tr><td>D</td><td>Y= 395,373.2</td><td>N</td><td>X= 667,817.2</td><td>E</td></tr> <tr><td>E</td><td>Y= 392,724.6</td><td>N</td><td>X= 669,153.0</td><td>E</td></tr> <tr><td>F</td><td>Y= 392,715.2</td><td>N</td><td>X= 667,823.4</td><td>E</td></tr> <tr><td>G</td><td>Y= 390,089.4</td><td>N</td><td>X= 669,175.5</td><td>E</td></tr> <tr><td>H</td><td>Y= 390,059.7</td><td>N</td><td>X= 667,845.2</td><td>E</td></tr> <tr><td>I</td><td>Y= 387,411.8</td><td>N</td><td>X= 669,198.0</td><td>E</td></tr> <tr><td>J</td><td>Y= 387,402.4</td><td>N</td><td>X= 667,867.5</td><td>E</td></tr> <tr><td>K</td><td>Y= 384,758.2</td><td>N</td><td>X= 669,204.1</td><td>E</td></tr> <tr><td>L</td><td>Y= 384,746.0</td><td>N</td><td>X= 667,873.9</td><td>E</td></tr> </table> <p>LAST TAKE POINT<br/>NAD 27 NME<br/>Y= 385,036.8<br/>X= 626,990.4<br/>LAT.= 32.057918°N<br/>LONG.= 103.923423°W</p> <p>BOTTOM HOLE LOCATION<br/>NAD 27 NME<br/>Y= 384,908.8<br/>X= 626,991.0<br/>LAT.= 32.057561°N<br/>LONG.= 103.923423°W</p> | A            | Y= 397,979.8 | N            | X= 627,958.6 | E | B | Y= 397,871.7 | N | X= 626,826.2 | E | C | Y= 395,324.1 | N | X= 627,863.2 | E | D | Y= 395,315.3 | N | X= 626,832.1 | E | E | Y= 392,668.7 | N | X= 627,867.8 | E | F | Y= 392,657.3 | N | X= 626,838.2 | E | G | Y= 390,011.6 | N | X= 627,890.2 | E | H | Y= 390,001.9 | N | X= 626,859.9 | E | I | Y= 387,354.0 | N | X= 628,012.6 | E | J | Y= 387,344.6 | N | X= 626,862.1 | E | K | Y= 384,698.5 | N | X= 628,018.6 | E | L | Y= 384,688.3 | N | X= 626,868.4 | E | A | Y= 398,037.8 | N | X= 669,143.7 | E | B | Y= 398,029.7 | N | X= 667,811.3 | E | C | Y= 395,382.0 | N | X= 669,148.4 | E | D | Y= 395,373.2 | N | X= 667,817.2 | E | E | Y= 392,724.6 | N | X= 669,153.0 | E | F | Y= 392,715.2 | N | X= 667,823.4 | E | G | Y= 390,089.4 | N | X= 669,175.5 | E | H | Y= 390,059.7 | N | X= 667,845.2 | E | I | Y= 387,411.8 | N | X= 669,198.0 | E | J | Y= 387,402.4 | N | X= 667,867.5 | E | K | Y= 384,758.2 | N | X= 669,204.1 | E | L | Y= 384,746.0 | N | X= 667,873.9 | E | <p>GEODEIC COORDINATES<br/>NAD 83 NME<br/>SURFACE LOCATION<br/>Y= 398,383.2<br/>X= 668,408.2<br/>LAT.= 32.094515°N<br/>LONG.= 103.922999°W</p> <p>FIRST TAKE POINT<br/>NAD 83 NME<br/>Y= 387,701.5<br/>X= 668,110.5<br/>LAT.= 32.092699°N<br/>LONG.= 103.923982°W</p> <p>CORNER COORDINATES TABLE<br/>NAD 83 NME</p> <table border="1"> <tr><td>A</td><td>Y= 398,037.8</td><td>N</td><td>X= 669,143.7</td><td>E</td></tr> <tr><td>B</td><td>Y= 398,029.7</td><td>N</td><td>X= 667,811.3</td><td>E</td></tr> <tr><td>C</td><td>Y= 395,382.0</td><td>N</td><td>X= 669,148.4</td><td>E</td></tr> <tr><td>D</td><td>Y= 395,373.2</td><td>N</td><td>X= 667,817.2</td><td>E</td></tr> <tr><td>E</td><td>Y= 392,724.6</td><td>N</td><td>X= 669,153.0</td><td>E</td></tr> <tr><td>F</td><td>Y= 392,715.2</td><td>N</td><td>X= 667,823.4</td><td>E</td></tr> <tr><td>G</td><td>Y= 390,089.4</td><td>N</td><td>X= 669,175.5</td><td>E</td></tr> <tr><td>H</td><td>Y= 390,059.7</td><td>N</td><td>X= 667,845.2</td><td>E</td></tr> <tr><td>I</td><td>Y= 387,411.8</td><td>N</td><td>X= 669,198.0</td><td>E</td></tr> <tr><td>J</td><td>Y= 387,402.4</td><td>N</td><td>X= 667,867.5</td><td>E</td></tr> <tr><td>K</td><td>Y= 384,758.2</td><td>N</td><td>X= 669,204.1</td><td>E</td></tr> <tr><td>L</td><td>Y= 384,746.0</td><td>N</td><td>X= 667,873.9</td><td>E</td></tr> </table> <p>LAST TAKE POINT<br/>NAD 83 NME<br/>Y= 385,094.5<br/>X= 668,175.9<br/>LAT.= 32.058043°N<br/>LONG.= 103.923905°W</p> <p>BOTTOM HOLE LOCATION<br/>NAD 83 NME<br/>Y= 384,964.5<br/>X= 668,178.5<br/>LAT.= 32.057686°N<br/>LONG.= 103.923905°W</p> | A | Y= 398,037.8 | N | X= 669,143.7 | E | B | Y= 398,029.7 | N | X= 667,811.3 | E | C | Y= 395,382.0 | N | X= 669,148.4 | E | D | Y= 395,373.2 | N | X= 667,817.2 | E | E | Y= 392,724.6 | N | X= 669,153.0 | E | F | Y= 392,715.2 | N | X= 667,823.4 | E | G | Y= 390,089.4 | N | X= 669,175.5 | E | H | Y= 390,059.7 | N | X= 667,845.2 | E | I | Y= 387,411.8 | N | X= 669,198.0 | E | J | Y= 387,402.4 | N | X= 667,867.5 | E | K | Y= 384,758.2 | N | X= 669,204.1 | E | L | Y= 384,746.0 | N | X= 667,873.9 | E | <p><sup>17</sup> OPERATOR CERTIFICATION</p> <p>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 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</p> <p><i>Kelly Kardos</i> 9/22/17<br/>Signature Date</p> <p>Kelly Kardos<br/>Printed Name</p> <p>kelly_kardos@xtoenergy.com<br/>E-mail Address</p> | <p><sup>18</sup> SURVEYOR CERTIFICATION</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>08-10-2017<br/>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:<br/><i>[Signature]</i></p> <p>MARK DILLON HARP 23786<br/>Certificate Number</p> <p>RR 2017060883</p> |
|               | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Y= 397,979.8 | N            | X= 627,958.6 | E            |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |                                                                                                                                                                                                                                                                                                                                              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|               | B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Y= 397,871.7 | N            | X= 626,826.2 | E            |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |                                                                                                                                                                                                                                                                                                                                              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|               | C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Y= 395,324.1 | N            | X= 627,863.2 | E            |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |                                                                                                                                                                                                                                                                                                                                              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                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| D             | Y= 395,315.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | N            | X= 626,832.1 | E            |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   | 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                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| E             | Y= 392,668.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | N            | X= 627,867.8 | E            |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   | 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| F             | Y= 392,657.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| G             | Y= 390,011.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| H             | Y= 390,001.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| I             | Y= 387,354.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| J             | Y= 387,344.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| K             | Y= 384,698.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| L             | Y= 384,688.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| A             | Y= 398,037.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| B             | Y= 398,029.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| C             | Y= 395,382.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| D             | Y= 395,373.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| E             | Y= 392,724.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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             |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |                                                                                                                                                                                                                                                                                                                                              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| F             | Y= 392,715.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| G             | Y= 390,089.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| H             | Y= 390,059.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| I             | Y= 387,411.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| J             | Y= 387,402.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| K             | Y= 384,758.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| L             | Y= 384,746.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| A             | Y= 398,037.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| B             | Y= 398,029.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| C             | Y= 395,382.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| D             | Y= 395,373.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| E             | Y= 392,724.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| F             | Y= 392,715.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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             |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |                                                                                                                                                                                                                                                                                                                                              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| G             | Y= 390,089.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | N            | X= 669,175.5 | E            |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |                                                                                                                                                                                                                                                                                                                                              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| H             | Y= 390,059.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | N            | X= 667,845.2 | E            |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |                                                                                                                                                                                                                                                                                                                                              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| I             | Y= 387,411.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | N            | X= 669,198.0 | E            |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |                                                                                                                                                                                                                                                                                                                                              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| J             | Y= 387,402.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | N            | X= 667,867.5 | E            |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |                                                                                                                                                                                                                                                                                                                                              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                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| K             | Y= 384,758.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | N            | X= 669,204.1 | E            |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |                                                                                                                                                                                                                                                                                                                                              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| L             | Y= 384,746.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | N            | X= 667,873.9 | E            |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |   |              |   |              |   |                                                                                                                                                                                                                                                                                                                                              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KWP 8-14-18



U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

# Drilling Plan Data Report

08/06/2018

APD ID: 10400024545

Submission Date: 12/11/2017

Operator Name: BOPCO LP

Well Name: BRUSHY DRAW 30 FEDERAL

Well Number: 903H

Well Type: OIL WELL

Well Work Type: Drill

Highlighted data  
represents the most  
recent change.

Show Final Text

## Section 1 - Geologic Formations

| Formation ID | Formation Name  | Elevation | True Vertical Depth | Measured Depth | Lithologies                  | Mineral Resources                           | Producing Formation |
|--------------|-----------------|-----------|---------------------|----------------|------------------------------|---------------------------------------------|---------------------|
| 1            | ---             | 5000      | 0                   | 0              | ALLUVIUM, OTHER : Quaternary | NONE                                        | No                  |
| 2            | RUSTLER         | 2300      | 750                 | 750            | SANDSTONE                    | USEABLE WATER                               | No                  |
| 3            | TOP SALT        | 3100      | 996                 | 996            | SALT                         | NONE                                        | No                  |
| 4            | BASE OF SALT    | 4304      | 3278                | 3278           | SALT                         | NONE                                        | No                  |
| 5            | DELAWARE        | 5274      | 3468                | 3468           | SANDSTONE                    | NATURAL GAS, OIL, OTHER : Produced Water    | No                  |
| 6            | BONE SPRING 1ST | 6407      | 8201                | 8201           | SANDSTONE                    | NATURAL GAS, OIL, OTHER : Produced Water    | No                  |
| 7            | BONE SPRING 2ND | 7014      | 9008                | 9008           | SANDSTONE                    | NATURAL GAS, POTASH, OTHER : Produced Water | No                  |
| 8            | BONE SPRING 3RD | 7406      | 10600               | 10600          | SANDSTONE                    | NATURAL GAS, OIL, OTHER : Produced Water    | No                  |

## Section 2 - Blowout Prevention

|                                                                                                                                                               |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Pressure Rating (PSI): 5M                                                                                                                                     | Rating Depth: 10600 |
| Equipment: The blow-out prevention equipment (BOP) for this well consists of a 13-5/8" minimum 7000 psi drill and a 13-5/8" minimum 14000 psi Double Ram BOP. |                     |

Requesting Variance? YES

**Variance request:** A variance is requested to allow use of a flex hose as the choke line from the BOP to the Choke Manifold. If this hose is used, a copy of the manufacturer's certification and pressure test chart will be kept on the rig. Attached is an example of a certification and pressure test chart. The manufacturer does not require anchors.

**Testing Procedure:** All BOP testing will be done by an independent service company. Annual pressure tests will be limited to 50% of the working pressure. When applying up on the 13-5/8" 5M BOP, the test pressure will be limited to 3000 psi. When the 9-5/8" and 7" casing is set, the packoff seals will be tested to a minimum of 5000 psi. All BOP tests will include a low pressure test as per BLM regulations. The 5M BOP diagrams are attached. All diagrams will be functionally tested. Each trip, pipe rams will be functionally tested each day.

Choke Diagram Attachment:

BD\_30\_Fed\_903H\_5MCM\_20180507070014.pdf

BOP Diagram Attachment: