

District I  
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District II  
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State of New Mexico **NM OIL CONSERVATION**  
Energy, Minerals & Natural Resources Department **ARTESIA DISTRICT**  
**OIL CONSERVATION DIVISION** **NOV 29 2010**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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>30-015-45507</b> | <sup>2</sup> Pool Code<br><b>98220</b>                     | <sup>3</sup> Pool Name<br><b>Purple Sage; Wolfcamp</b> |
| <sup>4</sup> Property Code<br><b>322 935</b>   | <sup>5</sup> Property Name<br><b>POKER LAKE UNIT 28 BS</b> | <sup>6</sup> Well Number<br><b>106H</b>                |
| <sup>7</sup> OGRID No.<br><b>260737</b>        | <sup>8</sup> Operator Name<br><b>BOPCO, L.P.</b>           | <sup>9</sup> Elevation<br><b>3339'</b>                 |

**<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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| G             | 28      | 25 S     | 31 E  |         | 2,310         | NORTH            | 1,920         | EAST           | 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| O             | 4       | 26 S     | 31 E  |         | 200           | SOUTH            | 1,650         | EAST           | EDDY   |

|   |                               |                                  |   |
|---|-------------------------------|----------------------------------|---|
| <sup>12</sup> Dedicated Acres<br><b>800</b> | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. <b>201</b><br><b>1059-Pending</b> |
|---|-------------------------------|----------------------------------|---|

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

|   |                                |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
|---|--------------------------------|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|--|
| <p><b><sup>16</sup> GEODETIC COORDINATES</b></p> <p><b>NAD 27 NME</b><br/>SURFACE LOCATION<br/>Y= 401,300.5<br/>X= 671,261.2<br/>LAT.= 32.102084°N<br/>LONG.= 103.780259°W</p> <p><b>FIRST TAKE POINT</b><br/>NAD 27 NME<br/>Y= 400,620.1<br/>X= 671,529.8<br/>LAT.= 32.100210°N<br/>LONG.= 103.779403°W</p> <p><b>CORNER COORDINATES TABLE</b><br/>NAD 27 NME</p> <table> <tr><td>A</td><td>Y= 400,958.5 N, X= 670,521.7 E</td></tr> <tr><td>B</td><td>Y= 400,982.8 N, X= 671,850.9 E</td></tr> <tr><td>C</td><td>Y= 398,304.2 N, X= 670,514.6 E</td></tr> <tr><td>D</td><td>Y= 398,312.1 N, X= 671,845.7 E</td></tr> <tr><td>E</td><td>Y= 395,652.3 N, X= 670,529.0 E</td></tr> <tr><td>F</td><td>Y= 395,661.9 N, X= 671,859.4 E</td></tr> <tr><td>G</td><td>Y= 393,002.3 N, X= 670,543.3 E</td></tr> <tr><td>H</td><td>Y= 393,012.5 N, X= 671,873.1 E</td></tr> <tr><td>I</td><td>Y= 390,337.1 N, X= 670,552.3 E</td></tr> <tr><td>J</td><td>Y= 390,347.9 N, X= 671,881.5 E</td></tr> <tr><td>K</td><td>Y= 387,673.5 N, X= 670,561.3 E</td></tr> <tr><td>L</td><td>Y= 387,683.4 N, X= 671,889.8 E</td></tr> </table> <p><b>CORNER COORDINATES TABLE</b><br/>NAD 83 NME</p> <table> <tr><td>A</td><td>Y= 401,014.4 N, X= 711,707.3 E</td></tr> <tr><td>B</td><td>Y= 401,020.7 N, X= 713,038.5 E</td></tr> <tr><td>C</td><td>Y= 398,362.0 N, X= 711,700.3 E</td></tr> <tr><td>D</td><td>Y= 398,369.9 N, X= 713,031.4 E</td></tr> <tr><td>E</td><td>Y= 395,710.0 N, X= 711,714.8 E</td></tr> <tr><td>F</td><td>Y= 395,718.6 N, X= 713,045.2 E</td></tr> <tr><td>G</td><td>Y= 393,060.0 N, X= 711,728.2 E</td></tr> <tr><td>H</td><td>Y= 393,070.2 N, X= 713,058.0 E</td></tr> <tr><td>I</td><td>Y= 390,394.7 N, X= 711,738.3 E</td></tr> <tr><td>J</td><td>Y= 390,405.5 N, X= 713,067.5 E</td></tr> <tr><td>K</td><td>Y= 387,731.1 N, X= 711,747.4 E</td></tr> <tr><td>L</td><td>Y= 387,741.0 N, X= 713,075.8 E</td></tr> </table> <p><b>LAST TAKE POINT</b><br/>NAD 27 NME<br/>Y= 388,011.0<br/>X= 671,567.2<br/>LAT.= 32.065547°N<br/>LONG.= 103.779491°W</p> <p><b>BOTTOM HOLE LOCATION</b><br/>NAD 27 NME<br/>Y= 387,881.0<br/>X= 671,567.6<br/>LAT.= 32.065180°N<br/>LONG.= 103.779492°W</p> | A                              | Y= 400,958.5 N, X= 670,521.7 E | B | Y= 400,982.8 N, X= 671,850.9 E | C | Y= 398,304.2 N, X= 670,514.6 E | D | Y= 398,312.1 N, X= 671,845.7 E | E | Y= 395,652.3 N, X= 670,529.0 E | F | Y= 395,661.9 N, X= 671,859.4 E | G | Y= 393,002.3 N, X= 670,543.3 E | H | Y= 393,012.5 N, X= 671,873.1 E | I | Y= 390,337.1 N, X= 670,552.3 E | J | Y= 390,347.9 N, X= 671,881.5 E | K | Y= 387,673.5 N, X= 670,561.3 E | L | Y= 387,683.4 N, X= 671,889.8 E | A | Y= 401,014.4 N, X= 711,707.3 E | B | Y= 401,020.7 N, X= 713,038.5 E | C | Y= 398,362.0 N, X= 711,700.3 E | D | Y= 398,369.9 N, X= 713,031.4 E | E | Y= 395,710.0 N, X= 711,714.8 E | F | Y= 395,718.6 N, X= 713,045.2 E | G | Y= 393,060.0 N, X= 711,728.2 E | H | Y= 393,070.2 N, X= 713,058.0 E | I | Y= 390,394.7 N, X= 711,738.3 E | J | Y= 390,405.5 N, X= 713,067.5 E | K | Y= 387,731.1 N, X= 711,747.4 E | L | Y= 387,741.0 N, X= 713,075.8 E | <p><b><sup>17</sup> OPERATOR CERTIFICATION</b></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 unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Kelly Kardos</i> 12/5/17<br/>Signature Date</p> <p><b>Kelly Kardos</b><br/>Printed Name</p> <p><b>kelly_kardos@txtoenergy.com</b><br/>E-mail Address</p> <p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>11-13-2017<br/>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p><b>MARK DILLON HARP</b><br/>23786<br/>PROFESSIONAL SURVEYOR</p> <p>MARK DILLON HARP 23786<br/>Certificate Number</p> <p>AW 2017070993</p> |
| A   | Y= 400,958.5 N, X= 670,521.7 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| B   | Y= 400,982.8 N, X= 671,850.9 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| C   | Y= 398,304.2 N, X= 670,514.6 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| D   | Y= 398,312.1 N, X= 671,845.7 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| E   | Y= 395,652.3 N, X= 670,529.0 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| F   | Y= 395,661.9 N, X= 671,859.4 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| G   | Y= 393,002.3 N, X= 670,543.3 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| H   | Y= 393,012.5 N, X= 671,873.1 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| I   | Y= 390,337.1 N, X= 670,552.3 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| J   | Y= 390,347.9 N, X= 671,881.5 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| K   | Y= 387,673.5 N, X= 670,561.3 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| L   | Y= 387,683.4 N, X= 671,889.8 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| A   | Y= 401,014.4 N, X= 711,707.3 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| B   | Y= 401,020.7 N, X= 713,038.5 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| C   | Y= 398,362.0 N, X= 711,700.3 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| D   | Y= 398,369.9 N, X= 713,031.4 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| E   | Y= 395,710.0 N, X= 711,714.8 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| F   | Y= 395,718.6 N, X= 713,045.2 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| G   | Y= 393,060.0 N, X= 711,728.2 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| H   | Y= 393,070.2 N, X= 713,058.0 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| I   | Y= 390,394.7 N, X= 711,738.3 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| J   | Y= 390,405.5 N, X= 713,067.5 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| K   | Y= 387,731.1 N, X= 711,747.4 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |
| L   | Y= 387,741.0 N, X= 713,075.8 E |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |  |

*RVP 12-4-18*



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

## Drilling Plan Data Report

11/06/2018

APD ID: 10400026933

Submission Date: 02/08/2018

Operator Name: BOPCO LP

Well Name: POKER LAKE UNIT 28 BS

Well Number: 106H

Well Type: CONVENTIONAL GAS WELL

Well Work Type: Drill



Show Final Text

### Section 1 - Geologic Formations

| Formation ID | Formation Name  | Elevation | True Vertical Depth | Measured Depth | Lithologies        | Mineral Resources                      | Producing Formation |
|--------------|-----------------|-----------|---------------------|----------------|--------------------|--|---------------------|
| 1            | PERMIAN         | 3339      | 0                   | 0              | OTHER : Quaternary | NONE                                   | No                  |
| 2            | RUSTLER         | 2404      | 935                 | 935            | SILTSTONE          | USEABLE WATER                          | No                  |
| 3            | TOP SALT        | 2033      | 1306                | 1306           | SALT               | OTHER : Produced Water                 | No                  |
| 4            | BASE OF SALT    | -710      | 4049                | 4049           | SALT               | OTHER : Produced Water                 | No                  |
| 5            | DELAWARE        | -922      | 4261                | 4261           | SANDSTONE          | NATURAL GAS,OIL,OTHER : Produced Water | No                  |
| 6            | BONE SPRING     | -4844     | 8183                | 8183           | SANDSTONE          | NATURAL GAS,OIL,OTHER : Produced Water | No                  |
| 7            | BONE SPRING 1ST | -5913     | 9252                | 9252           | SANDSTONE          | NATURAL GAS,OIL,OTHER : Produced Water | No                  |
| 8            | BONE SPRING 2ND | -6537     | 9876                | 9876           | SANDSTONE          | NATURAL GAS,OIL,OTHER : Produced Water | No                  |
| 9            | BONE SPRING 3RD | -7805     | 11144               | 11144          | SANDSTONE          | NATURAL GAS,OIL,OTHER : PRODUCED WATER | No                  |
| 10           | WOLFCAMP        | -8212     | 11551               | 11551          | SHALE              | NATURAL GAS,OIL,OTHER : PRODUCED WATER | Yes                 |

### Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M

Rating Depth: 11609

**Equipment:** The blow out preventer equipment (BOP) for this well consists of a 13-5/8" minimum 5M Hydril and a 13-5/8" minimum 5M Double Ram BOP. MASP should not exceed 3664 psi.

**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. XTO requests to utilize centralizers only in the curve after the KOP and only a minimum of one every other joint.

**Testing Procedure:** All BOP testing will be done by an independent service company. Annular pressure tests will be limited to 50% of the working pressure. When nipping up on the 13-5/8" 5M bradenhead and flange, the BOP test will be limited to