

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

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

|                                        |                            |                                                     |                          |
|----------------------------------------|----------------------------|-----------------------------------------------------|--------------------------|
| <sup>1</sup> Operator name and Address |                            | <sup>2</sup> OGRID Number                           |                          |
|                                        |                            | <sup>3</sup> Reason for Filing Code/ Effective Date |                          |
| <sup>4</sup> API Number                | <sup>5</sup> Pool Name     |                                                     | <sup>6</sup> Pool Code   |
| <sup>7</sup> Property Code             | <sup>8</sup> Property Name |                                                     | <sup>9</sup> Well Number |

II. <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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|

<sup>11</sup> Bottom Hole Location

|                        |                                     |          |                                   |         |                                   |                  |                                    |                |                                     |
|------------------------|-------------------------------------|----------|-----------------------------------|---------|-----------------------------------|------------------|------------------------------------|----------------|-------------------------------------|
| UL or lot no.          | Section                             | Township | Range                             | Lot Idn | Feet from the                     | North/South line | Feet from the                      | East/West line | County                              |
| <sup>12</sup> Lse Code | <sup>13</sup> Producing Method Code |          | <sup>14</sup> Gas Connection Date |         | <sup>15</sup> C-129 Permit Number |                  | <sup>16</sup> C-129 Effective Date |                | <sup>17</sup> C-129 Expiration Date |

III. Oil and Gas Transporters

|                                 |                                            |                     |
|---------------------------------|--------------------------------------------|---------------------|
| <sup>18</sup> Transporter OGRID | <sup>19</sup> Transporter Name and Address | <sup>20</sup> O/G/W |
|                                 |                                            |                     |
|                                 |                                            |                     |
|                                 |                                            |                     |
|                                 |                                            |                     |
|                                 |                                            |                     |
|                                 |                                            |                     |
|                                 |                                            |                     |

IV. Well Completion Data

|                         |                          |                                    |                         |                            |                            |
|-------------------------|--------------------------|------------------------------------|-------------------------|----------------------------|----------------------------|
| <sup>21</sup> Spud Date | <sup>22</sup> Ready Date | <sup>23</sup> TD                   | <sup>24</sup> PBDT      | <sup>25</sup> Perforations | <sup>26</sup> DHC, MC      |
| <sup>27</sup> Hole Size |                          | <sup>28</sup> Casing & Tubing Size | <sup>29</sup> Depth Set |                            | <sup>30</sup> Sacks Cement |
|                         |                          |                                    |                         |                            |                            |
|                         |                          |                                    |                         |                            |                            |
|                         |                          |                                    |                         |                            |                            |
|                         |                          |                                    |                         |                            |                            |

V. Well Test Data

|                                                                                                                                                                                                                                             |                                 |                         |                                       |                             |                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------|---------------------------------------|-----------------------------|-----------------------------|
| <sup>31</sup> Date New Oil                                                                                                                                                                                                                  | <sup>32</sup> Gas Delivery Date | <sup>33</sup> Test Date | <sup>34</sup> Test Length             | <sup>35</sup> Tbg. Pressure | <sup>36</sup> Csg. Pressure |
| <sup>37</sup> Choke Size                                                                                                                                                                                                                    | <sup>38</sup> Oil               | <sup>39</sup> Water     | <sup>40</sup> Gas                     |                             | <sup>41</sup> Test Method   |
| <sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.<br>Signature: <i>alicia fulton</i> |                                 |                         | OIL CONSERVATION DIVISION             |                             |                             |
| Printed name:                                                                                                                                                                                                                               |                                 |                         | Approved by: <i>PATRICIA MARTINEZ</i> |                             |                             |
| Title:                                                                                                                                                                                                                                      |                                 |                         | Title: <i>PETROLEUM SPECIALIST</i>    |                             |                             |
| E-mail Address:                                                                                                                                                                                                                             |                                 |                         | Approval Date: <i>9/2/2021</i>        |                             |                             |
| Date:                                                                                                                                                                                                                                       |                                 | Phone:                  |                                       |                             |                             |

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

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                                |                                                         |                                                             |
|------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------|
| <sup>1</sup> API Number<br><b>30-015-45785</b> | <sup>2</sup> Pool Code<br><b>96413</b>                  | <sup>3</sup> Pool Name<br><b>Palmillo Bone Spring South</b> |
| <sup>4</sup> Property Code<br><b>325139</b>    | <sup>5</sup> Property Name<br><b>PALMILLO 10 STATE</b>  | <sup>6</sup> Well Number<br><b>232H</b>                     |
| <sup>7</sup> OGRID NO.<br><b>873</b>           | <sup>8</sup> Operator Name<br><b>APACHE CORPORATION</b> | <sup>9</sup> Elevation<br><b>3490'</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      |
|---------------|-----------|------------|------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>I</b>      | <b>10</b> | <b>19S</b> | <b>28E</b> |         | <b>2390</b>   | <b>SOUTH</b>     | <b>180</b>    | <b>EAST</b>    | <b>EDDY</b> |

<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      |
|---------------|-----------|------------|------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>L</b>      | <b>10</b> | <b>19S</b> | <b>28E</b> |         | <b>1983</b>   | <b>SOUTH</b>     | <b>50</b>     | <b>WEST</b>    | <b>EDDY</b> |

|                                             |                               |                                  |                         |
|---------------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br><b>160</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 interest have been consolidated or a non-standard unit has been approved by the division.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>GEODETIC DATA</b><br/>NAD 83 GRID — NM EAST</p> <p><b>SURFACE LOCATION (SL)</b><br/>N 609202.7 — E 595805.4<br/>LAT: 32.6746184° N<br/>LONG: 104.1563154° W</p> <p><b>KICK OF POINT (KOP)</b><br/>1992'FSL — 51'FEL<br/>N 608805.8 — E 595935.2<br/>LAT: 32.6735268° N<br/>LONG: 104.1558957° W<br/>MD: 6892.0 — TVD: 6862.3</p> <p><b>PENETRATION POINT/FIRST TAKE POINT (PP/FTP)</b><br/>1994'FSL — 100'FEL<br/>N 608808.0 — E 595886.7<br/>LAT: 32.6735331° N<br/>LONG: 104.1560534° W<br/>MD: 7135.0 — TVD: 7097.0</p> |  | <p><b>CORNER DATA</b><br/>NAD 83 GRID — NM EAST</p> <p>A: FOUND BRASS CAP "1941"<br/>N 606757.3 — E 590806.4</p> <p>B: FOUND BRASS CAP "1941"<br/>N 609393.2 — E 590803.6</p> <p>C: FOUND BRASS CAP "1941"<br/>N 612029.5 — E 590800.8</p> <p>D: FOUND BRASS CAP "1941"<br/>N 612060.8 — E 593387.2</p> <p>E: FOUND BRASS CAP "1911"<br/>N 612093.1 — E 595974.2</p> <p>F: FOUND BRASS CAP "1941"<br/>N 609454.0 — E 595984.6</p> <p>G: FOUND BRASS CAP "1941"<br/>N 606815.2 — E 595993.1</p> <p>H: FOUND BRASS CAP "1941"<br/>N 606785.9 — E 593400.0</p> <p><b>CALCULATED POINTS</b><br/>1: N 608075.2 — E 590805.0<br/>2: N 608134.6 — E 595988.8</p> |  | <p><b><sup>17</sup> OPERATOR CERTIFICATION</b><br/>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>alicia fulton</i> 6/21/2021<br/>Signature Date<br/><b>Alicia Fulton</b><br/>Printed Name<br/><b>alicia.fulton@apachecorp.com</b><br/>E-mail Address</p> |
| <p><b>LAST TAKE POINT (LTP)</b><br/>1983'FSL — 100'FWL<br/>N 608740.5 — E 590904.3<br/>LAT: 32.6733694° N<br/>LONG: 104.1722460° W<br/>MD: 12230.7 — TVD: 7266.8</p> <p><b>BOTTOM HOLE (BH)</b><br/>1983'FSL — 50'FWL<br/>N 608740.5 — E 590854.1<br/>LAT: 32.6733696° N<br/>LONG: 104.1724091° W<br/>MD: 12281.0 — TVD: 7264.9</p>                                                                                                                                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

**<sup>18</sup> SURVEYOR CERTIFICATION**  
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

**1-8-19**  
Date of Survey

**10034**  
Certificate Number

**AS-DRILLED 01/15/20**

**Job No.: LS18121352AD**

5D Survey Report



**5D Survey Report**

**Apache Corporation**

**Field Name:** *Apache NM (Nad 83 NMEZ)*  
**Site Name:** *Palmillo 10 State Com Pad (333,232)*  
**Well Name:** *Palmillo 10 State Com 232H*  
**File number:** *13932375*  
**Survey:** *Definitive survey*

9 December 2019



## 5D Survey Report



## Palmillo 10 State Com 232H

|                                               |                                                                    |                                         |
|-----------------------------------------------|--------------------------------------------------------------------|-----------------------------------------|
| <b>Field Name:</b><br>Apache NM (Nad 83 NMEZ) | <b>Map Units:</b> US ft                                            | <b>Company Name:</b> Apache Corporation |
|                                               | <b>Vertical Reference Datum (VRD):</b> Mean Sea Level              |                                         |
|                                               | <b>Projected Coordinate System:</b> NAD83 / New Mexico East (ftUS) |                                         |
|                                               | <b>Comment:</b>                                                    |                                         |

|                                                     |                                           |                                  |                                  |
|-----------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------|
| <b>Site:</b><br>Palmillo 10 State Com Pad (333,232) | <b>Units:</b> US ft                       | <b>North Reference:</b> Grid     | <b>Convergence Angle:</b> 0.10   |
|                                                     | <b>Position:</b>                          | <b>Northing:</b> 609242.60 US ft | <b>Latitude:</b> 32.674728065    |
|                                                     |                                           | <b>Easting:</b> 595805.30 US ft  | <b>Longitude:</b> -104.156315534 |
|                                                     | <b>Elevation above MSL:</b> 3490.00 US ft |                                  |                                  |
|                                                     | <b>Comment:</b> Eddy Co., New Mexico      |                                  |                                  |

|                                            |                                             |                                  |                                  |
|--------------------------------------------|---------------------------------------------|----------------------------------|----------------------------------|
| <b>Slot:</b><br>Palmillo 10 State Com 232H | <b>Position (Relative to Site Centre)</b>   |                                  |                                  |
|                                            | <b>+N/-S:</b> -39.90 US ft                  | <b>Northing:</b> 609202.70 US ft | <b>Latitude:</b> 32.674618391    |
|                                            | <b>+E/-W:</b> 0.10 US ft                    | <b>Easting:</b> 595805.40 US ft  | <b>Longitude:</b> -104.156315425 |
|                                            | <b>Slot TVD Reference:</b> Ground Elevation |                                  |                                  |
|                                            | <b>Elevation above MSL:</b> 3490.00 US ft   |                                  |                                  |
|                                            | <b>Comment:</b>                             |                                  |                                  |

|                                            |                                                                       |                                 |
|--------------------------------------------|-----------------------------------------------------------------------|---------------------------------|
| <b>Well:</b><br>Palmillo 10 State Com 232H | <b>Type:</b> Main well                                                | <b>UWI:</b>                     |
|                                            | <b>File Number:</b> 13932375                                          | <b>Comment:</b>                 |
|                                            | <b>Closure Distance:</b> 4972.86 US ft                                | <b>Closure Azimuth:</b> 264.67° |
|                                            | <b>Vertical Section: Position of Origin (Relative to Slot centre)</b> |                                 |
|                                            | <b>+N/-S:</b> -0.00 US ft                                             | <b>+E/-W:</b> -0.00 US ft       |
|                                            | <b>Az:</b> 264.63°                                                    |                                 |

|                                              |                                           |
|----------------------------------------------|-------------------------------------------|
| <b>Drill floor:</b>                          | <b>Survey Name:</b> Definitive Survey     |
| <b>Rig Height (Drill Floor):</b> 26.00 US ft | <b>Elevation above MSL:</b> 3516.00 US ft |
| <b>Inclination:</b> 0.00°                    | <b>Azimuth:</b> 0.00°                     |

## Survey Name: Definitive Survey

|                          |                                                   |                 |                 |
|--------------------------|---------------------------------------------------|-----------------|-----------------|
| <b>Date:</b> 11/Sep/2019 | <b>Survey Tool:</b> See Survey Tool Ranges below. | <b>Comment:</b> | <b>Company:</b> |
|--------------------------|---------------------------------------------------|-----------------|-----------------|

|                        |                          |                                   |                           |                    |
|------------------------|--------------------------|-----------------------------------|---------------------------|--------------------|
| <b>Magnetic Model:</b> |                          |                                   |                           |                    |
| <b>Model Name:</b> IFR | <b>Date:</b> 12/Dec/2019 | <b>Field Strength:</b> 47873.2 nT | <b>Declination:</b> 7.36° | <b>Dip:</b> 60.47° |

|                       |                           |                       |                        |                                  |                                 |
|-----------------------|---------------------------|-----------------------|------------------------|----------------------------------|---------------------------------|
| <b>Tie Point:</b>     |                           |                       |                        |                                  |                                 |
| <b>MD:</b> 0.00 US ft | <b>Inclination:</b> 0.00° | <b>Azimuth:</b> 0.00° | <b>TVD:</b> 0.00 US ft | <b>North Offset:</b> -0.00 US ft | <b>East Offset:</b> -0.00 US ft |

## 5D Survey Report

| Survey Tool Ranges:   |                |              |                |
|-----------------------|----------------|--------------|----------------|
| Name                  | Start MD(USFt) | End MD(USFt) | Source Survey  |
| GYRO_GC_WIR+DPIPE_GYD | 0.00           | 6782.00      | GyroData Gyros |
| MWD+IFR1+SAG+FDIR     | 6782.00        | 12218.00     | WFT MWD        |
| MWD                   | 12218.00       | 12281.00     | WFT MWD        |

Wellpath created using minimum curvature.

| Survey Points: (Relative to Slot centre)(TVD relative to Drill Floor) |            |           |                |               |                     |                     |                     |                     |                    |         |
|-----------------------------------------------------------------------|------------|-----------|----------------|---------------|---------------------|---------------------|---------------------|---------------------|--------------------|---------|
| MD<br>(US ft)                                                         | Inc<br>(°) | Az<br>(°) | TVD<br>(US ft) | VS<br>(US ft) | N.Offset<br>(US ft) | E.Offset<br>(US ft) | DLS<br>(°/100US ft) | Northing<br>(US ft) | Easting<br>(US ft) | Comment |
| 0.00                                                                  | 0.00       | 0.00      | 0.00           | -0.00         | -0.00               | -0.00               | 0.00                | 609202.70           | 595805.40          |         |
| 87.00                                                                 | 0.66       | 99.61     | 87.00          | -0.48         | -0.08               | 0.49                | 0.76                | 609202.62           | 595805.89          |         |
| 175.00                                                                | 0.96       | 93.58     | 174.99         | -1.70         | -0.21               | 1.73                | 0.35                | 609202.49           | 595807.13          |         |
| 264.00                                                                | 0.99       | 76.55     | 263.98         | -3.20         | -0.08               | 3.22                | 0.33                | 609202.62           | 595808.62          |         |
| 351.00                                                                | 1.08       | 71.96     | 350.96         | -4.74         | 0.35                | 4.73                | 0.14                | 609203.05           | 595810.13          |         |
| 443.00                                                                | 0.75       | 98.20     | 442.95         | -6.17         | 0.53                | 6.15                | 0.57                | 609203.23           | 595811.55          |         |
| 530.00                                                                | 0.74       | 111.84    | 529.94         | -7.23         | 0.24                | 7.24                | 0.20                | 609202.94           | 595812.64          |         |
| 624.00                                                                | 0.64       | 118.65    | 623.94         | -8.20         | -0.24               | 8.26                | 0.14                | 609202.46           | 595813.66          |         |
| 714.00                                                                | 0.55       | 192.12    | 713.93         | -8.49         | -0.90               | 8.61                | 0.79                | 609201.80           | 595814.01          |         |
| 804.00                                                                | 0.74       | 197.49    | 803.93         | -8.13         | -1.88               | 8.35                | 0.22                | 609200.82           | 595813.75          |         |
| 895.00                                                                | 0.77       | 207.75    | 894.92         | -7.57         | -2.98               | 7.89                | 0.15                | 609199.72           | 595813.29          |         |
| 986.00                                                                | 1.09       | 182.70    | 985.91         | -7.12         | -4.39               | 7.56                | 0.56                | 609198.31           | 595812.96          |         |
| 1076.00                                                               | 1.88       | 176.13    | 1075.88        | -6.96         | -6.71               | 7.62                | 0.90                | 609195.99           | 595813.02          |         |
| 1167.00                                                               | 2.78       | 175.12    | 1166.80        | -6.90         | -10.40              | 7.91                | 0.99                | 609192.30           | 595813.31          |         |
| 1257.00                                                               | 3.51       | 176.04    | 1256.66        | -6.81         | -15.33              | 8.28                | 0.81                | 609187.37           | 595813.68          |         |
| 1348.00                                                               | 4.58       | 175.06    | 1347.44        | -6.72         | -21.72              | 8.79                | 1.18                | 609180.98           | 595814.19          |         |
| 1438.00                                                               | 5.67       | 172.66    | 1437.08        | -6.84         | -29.71              | 9.67                | 1.23                | 609172.99           | 595815.07          |         |
| 1529.00                                                               | 6.23       | 171.06    | 1527.58        | -7.31         | -39.05              | 11.01               | 0.64                | 609163.65           | 595816.41          |         |
| 1618.00                                                               | 6.71       | 169.75    | 1616.02        | -8.05         | -48.94              | 12.68               | 0.56                | 609153.76           | 595818.08          |         |
| 1708.00                                                               | 7.53       | 165.44    | 1705.32        | -9.44         | -59.82              | 15.10               | 1.09                | 609142.88           | 595820.50          |         |
| 1798.00                                                               | 8.44       | 161.99    | 1794.45        | -11.82        | -71.81              | 18.63               | 1.14                | 609130.89           | 595824.03          |         |
| 1889.00                                                               | 8.90       | 160.60    | 1884.41        | -14.99        | -84.80              | 23.03               | 0.56                | 609117.90           | 595828.43          |         |
| 1983.00                                                               | 8.97       | 159.67    | 1977.27        | -18.65        | -98.53              | 27.99               | 0.17                | 609104.17           | 595833.39          |         |
| 2078.00                                                               | 9.12       | 159.72    | 2071.09        | -22.50        | -112.54             | 33.17               | 0.16                | 609090.16           | 595838.57          |         |
| 2172.00                                                               | 9.37       | 159.62    | 2163.87        | -26.39        | -126.70             | 38.42               | 0.27                | 609076.00           | 595843.82          |         |
| 2266.00                                                               | 9.55       | 159.11    | 2256.59        | -30.46        | -141.16             | 43.87               | 0.21                | 609061.54           | 595849.27          |         |
| 2361.00                                                               | 9.88       | 160.47    | 2350.23        | -34.57        | -156.20             | 49.40               | 0.42                | 609046.50           | 595854.80          |         |
| 2455.00                                                               | 10.20      | 161.61    | 2442.79        | -38.41        | -171.70             | 54.72               | 0.40                | 609031.00           | 595860.12          |         |
| 2549.00                                                               | 9.84       | 162.39    | 2535.35        | -41.99        | -187.25             | 59.78               | 0.41                | 609015.45           | 595865.18          |         |
| 2643.00                                                               | 9.91       | 163.62    | 2627.96        | -45.24        | -202.67             | 64.49               | 0.24                | 609000.03           | 595869.89          |         |
| 2737.00                                                               | 10.02      | 163.58    | 2720.54        | -48.35        | -218.27             | 69.08               | 0.12                | 608984.43           | 595874.48          |         |
| 2831.00                                                               | 10.37      | 163.46    | 2813.06        | -51.56        | -234.23             | 73.80               | 0.37                | 608968.47           | 595879.20          |         |
| 2925.00                                                               | 10.28      | 162.03    | 2905.54        | -55.03        | -250.32             | 78.80               | 0.29                | 608952.38           | 595884.20          |         |
| 3019.00                                                               | 10.21      | 161.72    | 2998.04        | -58.72        | -266.20             | 84.00               | 0.09                | 608936.50           | 595889.40          |         |
| 3113.00                                                               | 11.19      | 161.83    | 3090.40        | -62.60        | -282.78             | 89.46               | 1.04                | 608919.92           | 595894.86          |         |
| 3208.00                                                               | 10.60      | 162.25    | 3183.69        | -66.51        | -299.86             | 94.99               | 0.63                | 608902.84           | 595900.39          |         |
| 3302.00                                                               | 9.14       | 160.19    | 3276.30        | -70.23        | -315.12             | 100.16              | 1.60                | 608887.58           | 595905.56          |         |
| 3395.00                                                               | 7.70       | 159.56    | 3368.29        | -73.69        | -327.91             | 104.84              | 1.55                | 608874.79           | 595910.24          |         |
| 3490.00                                                               | 7.61       | 157.66    | 3462.44        | -77.18        | -339.69             | 109.45              | 0.28                | 608863.01           | 595914.85          |         |
| 3584.00                                                               | 7.02       | 157.23    | 3555.68        | -80.72        | -350.74             | 114.04              | 0.63                | 608851.96           | 595919.44          |         |
| 3678.00                                                               | 5.80       | 159.47    | 3649.09        | -83.68        | -360.49             | 117.93              | 1.32                | 608842.21           | 595923.33          |         |
| 3772.00                                                               | 4.44       | 160.04    | 3742.71        | -85.84        | -368.36             | 120.84              | 1.45                | 608834.34           | 595926.24          |         |
| 3866.00                                                               | 3.01       | 156.16    | 3836.51        | -87.53        | -374.03             | 123.08              | 1.54                | 608828.67           | 595928.48          |         |
| 3960.00                                                               | 2.02       | 168.44    | 3930.42        | -88.49        | -377.92             | 124.41              | 1.19                | 608824.78           | 595929.81          |         |
| 4054.00                                                               | 0.80       | 167.49    | 4024.39        | -88.76        | -380.18             | 124.88              | 1.30                | 608822.52           | 595930.28          |         |
| 4148.00                                                               | 0.35       | 138.00    | 4118.39        | -89.01        | -381.03             | 125.22              | 0.56                | 608821.67           | 595930.62          |         |
| 4242.00                                                               | 0.42       | 150.29    | 4212.38        | -89.32        | -381.55             | 125.58              | 0.11                | 608821.15           | 595930.98          |         |
| 4336.00                                                               | 0.45       | 162.29    | 4306.38        | -89.54        | -382.20             | 125.86              | 0.10                | 608820.50           | 595931.26          |         |
| 4430.00                                                               | 0.49       | 174.42    | 4400.38        | -89.62        | -382.95             | 126.01              | 0.11                | 608819.75           | 595931.41          |         |
| 4524.00                                                               | 0.64       | 181.84    | 4494.37        | -89.56        | -383.87             | 126.04              | 0.18                | 608818.83           | 595931.44          |         |
| 4618.00                                                               | 0.35       | 48.12     | 4588.37        | -89.72        | -384.21             | 126.23              | 0.98                | 608818.49           | 595931.63          |         |

## 5D Survey Report

| Survey Points: (Relative to Slot centre)(TVD relative to Drill Floor) |            |           |                |               |                     |                     |                     |                     |                    |                            |
|-----------------------------------------------------------------------|------------|-----------|----------------|---------------|---------------------|---------------------|---------------------|---------------------|--------------------|----------------------------|
| MD<br>(US ft)                                                         | Inc<br>(°) | Az<br>(°) | TVD<br>(US ft) | VS<br>(US ft) | N.Offset<br>(US ft) | E.Offset<br>(US ft) | DLS<br>(°/100US ft) | Northing<br>(US ft) | Easting<br>(US ft) | Comment                    |
| 4713.00                                                               | 0.89       | 33.00     | 4683.37        | -90.41        | -383.39             | 126.85              | 0.59                | 608819.31           | 595932.25          |                            |
| 4807.00                                                               | 0.51       | 90.66     | 4777.36        | -91.28        | -382.79             | 127.67              | 0.80                | 608819.91           | 595933.07          |                            |
| 4901.00                                                               | 0.77       | 123.45    | 4871.35        | -92.19        | -383.14             | 128.61              | 0.47                | 608819.56           | 595934.01          |                            |
| 4995.00                                                               | 0.96       | 123.35    | 4965.34        | -93.30        | -383.92             | 129.80              | 0.20                | 608818.78           | 595935.20          |                            |
| 5090.00                                                               | 0.33       | 160.81    | 5060.34        | -93.98        | -384.62             | 130.55              | 0.76                | 608818.08           | 595935.95          |                            |
| 5184.00                                                               | 0.25       | 254.67    | 5154.34        | -93.85        | -384.93             | 130.44              | 0.45                | 608817.77           | 595935.84          |                            |
| 5278.00                                                               | 0.31       | 307.77    | 5248.34        | -93.46        | -384.82             | 130.04              | 0.27                | 608817.88           | 595935.44          |                            |
| 5372.00                                                               | 0.42       | 330.13    | 5342.33        | -93.13        | -384.37             | 129.67              | 0.19                | 608818.33           | 595935.07          |                            |
| 5467.00                                                               | 0.15       | 179.03    | 5437.33        | -92.98        | -384.19             | 129.50              | 0.59                | 608818.51           | 595934.90          |                            |
| 5561.00                                                               | 0.44       | 183.01    | 5531.33        | -92.92        | -384.68             | 129.48              | 0.31                | 608818.02           | 595934.88          |                            |
| 5654.00                                                               | 0.56       | 205.10    | 5624.33        | -92.63        | -385.44             | 129.27              | 0.24                | 608817.26           | 595934.67          |                            |
| 5748.00                                                               | 0.71       | 219.52    | 5718.32        | -91.99        | -386.31             | 128.71              | 0.23                | 608816.39           | 595934.11          |                            |
| 5842.00                                                               | 0.45       | 188.83    | 5812.32        | -91.49        | -387.12             | 128.28              | 0.42                | 608815.58           | 595933.68          |                            |
| 5936.00                                                               | 0.57       | 175.84    | 5906.31        | -91.39        | -387.95             | 128.26              | 0.18                | 608814.75           | 595933.66          |                            |
| 6030.00                                                               | 0.90       | 195.98    | 6000.31        | -91.11        | -389.13             | 128.09              | 0.44                | 608813.57           | 595933.49          |                            |
| 6124.00                                                               | 0.33       | 164.31    | 6094.30        | -90.89        | -390.10             | 127.96              | 0.68                | 608812.60           | 595933.36          |                            |
| 6218.00                                                               | 0.42       | 143.05    | 6188.30        | -91.12        | -390.64             | 128.24              | 0.17                | 608812.06           | 595933.64          |                            |
| 6312.75                                                               | 0.86       | 187.55    | 6283.04        | -91.14        | -391.62             | 128.35              | 0.67                | 608811.08           | 595933.75          |                            |
| 6406.52                                                               | 0.56       | 156.31    | 6376.81        | -91.13        | -392.74             | 128.45              | 0.51                | 608809.96           | 595933.85          |                            |
| 6500.73                                                               | 0.44       | 117.85    | 6471.01        | -91.57        | -393.33             | 128.95              | 0.37                | 608809.37           | 595934.35          |                            |
| 6594.83                                                               | 0.37       | 141.64    | 6565.11        | -92.04        | -393.73             | 129.46              | 0.19                | 608808.97           | 595934.86          |                            |
| 6689.00                                                               | 0.43       | 171.44    | 6659.28        | -92.23        | -394.32             | 129.70              | 0.23                | 608808.38           | 595935.10          |                            |
| 6782.00                                                               | 0.58       | 191.07    | 6752.27        | -92.11        | -395.13             | 129.66              | 0.24                | 608807.57           | 595935.06          | Tieon<br>Gyrodata<br>Gyros |
| 6797.00                                                               | 0.76       | 184.57    | 6767.27        | -92.07        | -395.30             | 129.64              | 1.30                | 608807.40           | 595935.04          | First WFT<br>MWD Svy       |
| 6892.00                                                               | 1.17       | 169.54    | 6862.26        | -92.05        | -396.88             | 129.76              | 0.50                | 608805.82           | 595935.16          |                            |
| 6939.00                                                               | 1.61       | 230.94    | 6909.25        | -91.54        | -397.77             | 129.34              | 3.13                | 608804.93           | 595934.74          |                            |
| 6986.00                                                               | 6.41       | 264.47    | 6956.12        | -88.37        | -398.44             | 126.21              | 10.95               | 608804.26           | 595931.61          |                            |
| 7033.00                                                               | 13.24      | 272.06    | 7002.41        | -80.40        | -398.50             | 118.21              | 14.76               | 608804.20           | 595923.61          |                            |
| 7080.00                                                               | 20.48      | 276.10    | 7047.36        | -66.99        | -397.43             | 104.64              | 15.60               | 608805.27           | 595910.04          |                            |
| 7127.00                                                               | 28.34      | 277.53    | 7090.13        | -48.02        | -395.09             | 85.37               | 16.77               | 608807.61           | 595890.77          |                            |
| 7174.00                                                               | 33.88      | 273.80    | 7130.35        | -24.20        | -392.76             | 61.22               | 12.48               | 608809.94           | 595866.62          |                            |
| 7221.00                                                               | 37.67      | 270.65    | 7168.48        | 3.03          | -391.73             | 33.78               | 8.96                | 608810.97           | 595839.18          |                            |
| 7268.00                                                               | 42.22      | 269.24    | 7204.51        | 33.07         | -391.78             | 3.61                | 9.87                | 608810.92           | 595809.01          |                            |
| 7315.00                                                               | 46.25      | 269.27    | 7238.17        | 65.74         | -392.20             | -29.17              | 8.57                | 608810.50           | 595776.23          |                            |
| 7362.00                                                               | 51.20      | 268.90    | 7269.17        | 100.95        | -392.77             | -64.47              | 10.55               | 608809.93           | 595740.93          |                            |
| 7409.00                                                               | 54.74      | 269.18    | 7297.47        | 138.35        | -393.40             | -101.98             | 7.55                | 608809.30           | 595703.42          |                            |
| 7456.00                                                               | 60.47      | 268.26    | 7322.64        | 177.92        | -394.29             | -141.64             | 12.30               | 608808.41           | 595663.76          |                            |
| 7503.00                                                               | 65.94      | 266.80    | 7343.82        | 219.80        | -396.11             | -183.54             | 11.96               | 608806.59           | 595621.86          |                            |
| 7551.00                                                               | 72.01      | 266.66    | 7361.03        | 264.56        | -398.67             | -228.25             | 12.65               | 608804.03           | 595577.15          |                            |
| 7598.00                                                               | 78.24      | 267.81    | 7373.09        | 309.91        | -400.85             | -273.60             | 13.46               | 608801.85           | 595531.80          |                            |
| 7645.00                                                               | 84.89      | 268.08    | 7379.98        | 356.30        | -402.52             | -320.03             | 14.16               | 608800.18           | 595485.37          |                            |
| 7671.00                                                               | 87.27      | 269.04    | 7381.76        | 382.17        | -403.17             | -345.96             | 9.87                | 608799.53           | 595459.44          |                            |
| 7718.00                                                               | 89.65      | 268.46    | 7383.02        | 429.03        | -404.19             | -392.93             | 5.21                | 608798.51           | 595412.47          |                            |
| 7765.00                                                               | 89.79      | 268.04    | 7383.25        | 475.94        | -405.63             | -439.91             | 0.94                | 608797.07           | 595365.49          |                            |
| 7860.00                                                               | 91.66      | 268.78    | 7382.05        | 570.72        | -408.27             | -534.86             | 2.12                | 608794.43           | 595270.54          |                            |
| 7954.00                                                               | 92.17      | 268.18    | 7378.91        | 664.45        | -410.76             | -628.77             | 0.84                | 608791.94           | 595176.63          |                            |
| 8048.00                                                               | 92.87      | 267.87    | 7374.78        | 758.20        | -413.99             | -722.62             | 0.81                | 608788.71           | 595082.78          |                            |
| 8143.00                                                               | 93.13      | 270.36    | 7369.81        | 852.77        | -415.46             | -817.48             | 2.63                | 608787.24           | 594987.92          |                            |
| 8237.00                                                               | 93.57      | 269.77    | 7364.31        | 946.19        | -415.35             | -911.31             | 0.78                | 608787.35           | 594894.09          |                            |
| 8332.00                                                               | 94.22      | 269.96    | 7357.86        | 1040.57       | -415.58             | -1006.09            | 0.71                | 608787.12           | 594799.31          |                            |
| 8426.00                                                               | 92.71      | 270.97    | 7352.18        | 1133.91       | -414.81             | -1099.92            | 1.93                | 608787.89           | 594705.48          |                            |
| 8520.00                                                               | 93.41      | 271.21    | 7347.16        | 1227.18       | -413.03             | -1193.76            | 0.79                | 608789.67           | 594611.64          |                            |
| 8614.00                                                               | 91.83      | 271.45    | 7342.86        | 1320.44       | -410.85             | -1287.64            | 1.70                | 608791.85           | 594517.76          |                            |
| 8708.00                                                               | 92.25      | 268.90    | 7339.52        | 1413.93       | -410.56             | -1381.57            | 2.75                | 608792.14           | 594423.83          |                            |
| 8803.00                                                               | 92.94      | 268.47    | 7335.22        | 1508.59       | -412.74             | -1476.45            | 0.86                | 608789.96           | 594328.95          |                            |
| 8897.00                                                               | 92.73      | 267.25    | 7330.57        | 1602.33       | -416.24             | -1570.26            | 1.32                | 608786.46           | 594235.14          |                            |
| 8991.00                                                               | 92.24      | 267.08    | 7326.49        | 1696.15       | -420.89             | -1664.06            | 0.55                | 608781.81           | 594141.34          |                            |

## 5D Survey Report

| Survey Points: (Relative to Slot centre)(TVD relative to Drill Floor) |            |           |                |               |                     |                     |                     |                     |                    |                       |
|-----------------------------------------------------------------------|------------|-----------|----------------|---------------|---------------------|---------------------|---------------------|---------------------|--------------------|-----------------------|
| MD<br>(US ft)                                                         | Inc<br>(°) | Az<br>(°) | TVD<br>(US ft) | VS<br>(US ft) | N.Offset<br>(US ft) | E.Offset<br>(US ft) | DLS<br>(°/100US ft) | Northing<br>(US ft) | Easting<br>(US ft) | Comment               |
| 9086.00                                                               | 92.89      | 266.27    | 7322.24        | 1790.99       | -426.39             | -1758.80            | 1.09                | 608776.31           | 594046.60          |                       |
| 9180.00                                                               | 93.62      | 267.63    | 7316.90        | 1884.76       | -431.39             | -1852.52            | 1.64                | 608771.31           | 593952.88          |                       |
| 9274.00                                                               | 94.08      | 267.03    | 7310.59        | 1978.44       | -435.76             | -1946.20            | 0.80                | 608766.94           | 593859.20          |                       |
| 9368.00                                                               | 92.45      | 268.84    | 7305.24        | 2072.13       | -439.14             | -2039.98            | 2.59                | 608763.56           | 593765.42          |                       |
| 9462.00                                                               | 93.22      | 269.00    | 7300.59        | 2165.75       | -440.91             | -2133.85            | 0.84                | 608761.79           | 593671.55          |                       |
| 9557.00                                                               | 92.73      | 269.52    | 7295.66        | 2260.31       | -442.13             | -2228.71            | 0.75                | 608760.57           | 593576.69          |                       |
| 9651.00                                                               | 93.28      | 269.55    | 7290.73        | 2353.83       | -442.89             | -2322.58            | 0.59                | 608759.81           | 593482.82          |                       |
| 9745.00                                                               | 91.04      | 269.95    | 7287.19        | 2447.39       | -443.30             | -2416.51            | 2.42                | 608759.40           | 593388.89          |                       |
| 9839.00                                                               | 89.15      | 270.07    | 7287.03        | 2540.97       | -443.29             | -2510.50            | 2.01                | 608759.41           | 593294.90          |                       |
| 9933.00                                                               | 89.25      | 269.83    | 7288.34        | 2634.55       | -443.37             | -2604.49            | 0.28                | 608759.33           | 593200.91          |                       |
| 10027.00                                                              | 87.83      | 269.16    | 7290.74        | 2728.18       | -444.20             | -2698.45            | 1.67                | 608758.50           | 593106.95          |                       |
| 10121.00                                                              | 87.88      | 268.85    | 7294.26        | 2821.84       | -445.83             | -2792.37            | 0.33                | 608756.87           | 593013.03          |                       |
| 10215.00                                                              | 87.78      | 268.25    | 7297.81        | 2915.55       | -448.20             | -2886.28            | 0.65                | 608754.50           | 592919.12          |                       |
| 10310.00                                                              | 88.34      | 269.07    | 7301.03        | 3010.26       | -450.42             | -2981.19            | 1.04                | 608752.28           | 592824.21          |                       |
| 10404.00                                                              | 89.18      | 269.28    | 7303.06        | 3103.95       | -451.78             | -3075.16            | 0.92                | 608750.92           | 592730.24          |                       |
| 10498.00                                                              | 90.07      | 268.87    | 7303.68        | 3197.66       | -453.30             | -3169.15            | 1.04                | 608749.40           | 592636.25          |                       |
| 10592.00                                                              | 90.80      | 268.30    | 7302.97        | 3291.43       | -455.62             | -3263.11            | 0.99                | 608747.08           | 592542.29          |                       |
| 10686.00                                                              | 91.33      | 268.04    | 7301.22        | 3385.24       | -458.62             | -3357.05            | 0.63                | 608744.08           | 592448.35          |                       |
| 10780.00                                                              | 90.28      | 268.52    | 7299.90        | 3479.04       | -461.44             | -3451.00            | 1.23                | 608741.26           | 592354.40          |                       |
| 10874.00                                                              | 89.11      | 269.65    | 7300.40        | 3572.75       | -462.94             | -3544.98            | 1.73                | 608739.76           | 592260.42          |                       |
| 10969.00                                                              | 89.85      | 269.54    | 7301.26        | 3667.39       | -463.61             | -3639.97            | 0.79                | 608739.09           | 592165.43          |                       |
| 11062.00                                                              | 90.06      | 270.69    | 7301.33        | 3759.96       | -463.42             | -3732.97            | 1.26                | 608739.28           | 592072.43          |                       |
| 11156.00                                                              | 90.84      | 270.86    | 7300.60        | 3853.41       | -462.15             | -3826.96            | 0.85                | 608740.55           | 591978.44          |                       |
| 11251.00                                                              | 91.54      | 270.58    | 7298.62        | 3947.86       | -460.96             | -3921.93            | 0.79                | 608741.74           | 591883.47          |                       |
| 11345.00                                                              | 92.22      | 270.41    | 7295.54        | 4041.31       | -460.15             | -4015.88            | 0.75                | 608742.55           | 591789.52          |                       |
| 11439.00                                                              | 92.46      | 270.10    | 7291.70        | 4134.78       | -459.73             | -4109.80            | 0.42                | 608742.97           | 591695.60          |                       |
| 11533.00                                                              | 91.19      | 270.32    | 7288.71        | 4228.29       | -459.39             | -4203.75            | 1.37                | 608743.31           | 591601.65          |                       |
| 11627.00                                                              | 91.82      | 270.14    | 7286.24        | 4321.81       | -459.01             | -4297.71            | 0.70                | 608743.69           | 591507.69          |                       |
| 11721.00                                                              | 91.89      | 269.83    | 7283.20        | 4415.35       | -459.03             | -4391.66            | 0.34                | 608743.67           | 591413.74          |                       |
| 11815.00                                                              | 91.00      | 269.71    | 7280.83        | 4508.94       | -459.41             | -4485.63            | 0.96                | 608743.29           | 591319.77          |                       |
| 11909.00                                                              | 91.46      | 269.56    | 7278.81        | 4602.56       | -460.01             | -4579.61            | 0.51                | 608742.69           | 591225.79          |                       |
| 12003.00                                                              | 92.10      | 269.36    | 7275.89        | 4696.18       | -460.89             | -4673.56            | 0.71                | 608741.81           | 591131.84          |                       |
| 12098.00                                                              | 92.54      | 269.41    | 7272.04        | 4790.77       | -461.91             | -4768.47            | 0.47                | 608740.79           | 591036.93          |                       |
| 12192.00                                                              | 92.03      | 270.13    | 7268.29        | 4884.32       | -462.29             | -4862.40            | 0.94                | 608740.41           | 590943.00          |                       |
| 12218.00                                                              | 92.19      | 270.07    | 7267.34        | 4910.19       | -462.24             | -4888.38            | 0.66                | 608740.46           | 590917.02          | Last WFT<br>MWD Svy   |
| 12281.00                                                              | 92.19      | 270.07    | 7264.93        | 4972.86       | -462.17             | -4951.33            | 0.00                | 608740.53           | 590854.07          | TD@12281'<br>MD / PTB |

Submit a Copy To Appropriate District Office  
 District I – (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II – (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III – (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV – (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| WELL API NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| 5. Indicate Type of Lease<br>STATE <input type="checkbox"/> FEE <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| 6. State Oil & Gas Lease No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| 7. Lease Name or Unit Agreement Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| 8. Well Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| 9. OGRID Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| 10. Pool name or Wildcat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| SUNDRY NOTICES AND REPORTS ON WELLS<br>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)<br>1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/><br>2. Name of Operator<br>3. Address of Operator<br>4. Well Location<br>Unit Letter _____: _____ feet from the _____ line and _____ feet from the _____ line<br>Section _____ Township _____ Range _____ NMPM _____ County _____<br>11. Elevation (Show whether DR, RKB, RT, GR, etc.) |  |

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| NOTICE OF INTENTION TO:                        | SUBSEQUENT REPORT OF:                            |
|------------------------------------------------|--------------------------------------------------|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>           |
| TEMPORARILY ABANDON <input type="checkbox"/>   | ALTERING CASING <input type="checkbox"/>         |
| PULL OR ALTER CASING <input type="checkbox"/>  | COMMENCE DRILLING OPNS. <input type="checkbox"/> |
| DOWNHOLE COMMINGLE <input type="checkbox"/>    | P AND A <input type="checkbox"/>                 |
| CLOSED-LOOP SYSTEM <input type="checkbox"/>    | CASING/CEMENT JOB <input type="checkbox"/>       |
| OTHER: <input type="checkbox"/>                | OTHER: <input type="checkbox"/>                  |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Spud Date:

Rig Release Date:

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

SIGNATURE alicia fulton TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Type or print name \_\_\_\_\_ E-mail address: \_\_\_\_\_ PHONE: \_\_\_\_\_

**For State Use Only**

APPROVED BY: John Garcia TITLE Petroleum Engineer DATE 8/30/2021

Conditions of Approval (if any):



|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                              |                          |                                    |                                                            |                                                                   |                                                                  |                        |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------|------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------|------------------------|---------------|
| Submit To Appropriate District Office<br>Two Copies<br><u>District I</u><br>1625 N. French Dr., Hobbs, NM 88240<br><u>District II</u><br>1301 W. Grand Avenue, Artesia, NM 88210<br><u>District III</u><br>1000 Rio Brazos Rd., Aztec, NM 87410<br><u>District IV</u><br>1220 S. St. Francis Dr., Santa Fe, NM 87505                                                                      |                                            | <b>State of New Mexico</b><br><b>Energy, Minerals and Natural Resources</b><br><br><b>Oil Conservation Division</b><br><b>1220 South St. Francis Dr.</b><br><b>Santa Fe, NM 87505</b> |                                              |                          | <b>Form C-105</b><br>July 17, 2008 |                                                            |                                                                   |                                                                  |                        |               |
| <b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>                                                                                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                                                       |                                              |                          |                                    |                                                            |                                                                   | 1. WELL API NO.<br><b>30-015-45785</b>                           |                        |               |
| 4. Reason for filing:<br><br><input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)<br><br><input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC) |                                            |                                                                                                                                                                                       |                                              |                          |                                    |                                                            |                                                                   | 5. Lease Name or Unit Agreement Name<br><b>PALMILLO 10 STATE</b> |                        |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                              |                          |                                    |                                                            |                                                                   | 6. Well Number:<br><br><b>232 H</b>                              |                        |               |
| 7. Type of Completion:<br><input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER                                                                                                                                 |                                            |                                                                                                                                                                                       |                                              |                          |                                    |                                                            |                                                                   |                                                                  |                        |               |
| 8. Name of Operator<br><b>Apache Corporation</b>                                                                                                                                                                                                                                                                                                                                          |                                            |                                                                                                                                                                                       |                                              |                          |                                    |                                                            | 9. OGRID<br><b>873</b>                                            |                                                                  |                        |               |
| 10. Address of Operator<br><b>303 Veterans Airpark Lane, Suite 1000</b><br><b>Midland, TX 79705</b>                                                                                                                                                                                                                                                                                       |                                            |                                                                                                                                                                                       |                                              |                          |                                    |                                                            | 11. Pool name or Wildcat<br><b>PALMILLO BONE SPRING SOUTHWEST</b> |                                                                  |                        |               |
| 12. Location                                                                                                                                                                                                                                                                                                                                                                              | Unit Ltr                                   | Section                                                                                                                                                                               | Township                                     | Range                    | Lot                                | Feet from the                                              | N/S Line                                                          | Feet from the                                                    | E/W Line               | County        |
| <b>Surface:</b>                                                                                                                                                                                                                                                                                                                                                                           | I                                          | 10                                                                                                                                                                                    | 19S                                          | 28E                      |                                    | 2390                                                       | S                                                                 | 180                                                              | E                      | EDDY          |
| <b>BH:</b>                                                                                                                                                                                                                                                                                                                                                                                | L                                          | 10                                                                                                                                                                                    | 19S                                          | 28E                      |                                    | 1983                                                       | S                                                                 | 50                                                               | W                      | EDDY          |
| 13. Date Spudded<br><b>10/28/2019</b>                                                                                                                                                                                                                                                                                                                                                     | 14. Date T.D. Reached<br><b>12/09/2019</b> |                                                                                                                                                                                       | 15. Date Rig Released<br><b>12/09/2019</b>   |                          |                                    | 16. Date Completed (Ready to Produce)<br><b>04/30/2021</b> |                                                                   | 17. Elevations (DF and RKB, RT, GR, etc.) <b>3515</b>            |                        |               |
| 18. Total Measured Depth of Well<br><b>12281</b>                                                                                                                                                                                                                                                                                                                                          |                                            |                                                                                                                                                                                       | 19. Plug Back Measured Depth<br><b>12232</b> |                          |                                    | 20. Was Directional Survey Made?<br><b>Y</b>               |                                                                   | 21. Type Electric and Other Logs Run                             |                        |               |
| 22. Producing Interval(s), of this completion - Top, Bottom, Name<br><b>7670-12162</b>                                                                                                                                                                                                                                                                                                    |                                            |                                                                                                                                                                                       |                                              |                          |                                    |                                                            |                                                                   |                                                                  |                        |               |
| <b>23. CASING RECORD (Report all strings set in well)</b>                                                                                                                                                                                                                                                                                                                                 |                                            |                                                                                                                                                                                       |                                              |                          |                                    |                                                            |                                                                   |                                                                  |                        |               |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                                               |                                            | WEIGHT LB./FT.                                                                                                                                                                        |                                              | DEPTH SET                |                                    | HOLE SIZE                                                  |                                                                   | CEMENTING RECORD                                                 |                        | AMOUNT PULLED |
| 13 3/8                                                                                                                                                                                                                                                                                                                                                                                    |                                            | 48                                                                                                                                                                                    |                                              | 395                      |                                    | 17 1/2                                                     |                                                                   | 400 SX                                                           |                        |               |
| 9 5/8                                                                                                                                                                                                                                                                                                                                                                                     |                                            | 40                                                                                                                                                                                    |                                              | 3028                     |                                    | 12 1/4                                                     |                                                                   | 1030 SX                                                          |                        |               |
| 5 1/2                                                                                                                                                                                                                                                                                                                                                                                     |                                            | 20                                                                                                                                                                                    |                                              | 12281                    |                                    | 8 3/4                                                      |                                                                   | 2100 SX                                                          |                        |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                              |                          |                                    |                                                            |                                                                   |                                                                  |                        |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                              |                          |                                    |                                                            |                                                                   |                                                                  |                        |               |
| <b>24. LINER RECORD</b>                                                                                                                                                                                                                                                                                                                                                                   |                                            |                                                                                                                                                                                       |                                              |                          |                                    |                                                            |                                                                   |                                                                  |                        |               |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                      | TOP                                        | BOTTOM                                                                                                                                                                                | SACKS CEMENT                                 | SCREEN                   |                                    | 25. TUBING RECORD                                          |                                                                   |                                                                  |                        |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                              |                          |                                    | SIZE                                                       |                                                                   | DEPTH SET                                                        | PACKER SET             |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                              |                          |                                    | 3.67                                                       |                                                                   | 7194                                                             |                        |               |
| 26. Perforation record (interval, size, and number)<br><b>7670-12162</b>                                                                                                                                                                                                                                                                                                                  |                                            |                                                                                                                                                                                       |                                              |                          |                                    | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.            |                                                                   |                                                                  |                        |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                              |                          |                                    | DEPTH INTERVAL                                             |                                                                   | AMOUNT AND KIND MATERIAL USED                                    |                        |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                              |                          |                                    | 7670-12162                                                 |                                                                   | FRAC W/ 7,118,360 TOTAL PROPPANT 166,849 LBS TOTAL LIQUID B      |                        |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                              |                          |                                    |                                                            |                                                                   |                                                                  |                        |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                              |                          |                                    |                                                            |                                                                   |                                                                  |                        |               |
| <b>28. PRODUCTION</b>                                                                                                                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                                                       |                                              |                          |                                    |                                                            |                                                                   |                                                                  |                        |               |
| Date First Production<br><b>04/30/2021</b>                                                                                                                                                                                                                                                                                                                                                |                                            | Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> )<br><b>GAS LIFT</b>                                                                                       |                                              |                          |                                    | Well Status ( <i>Prod. or Shut-in</i> )<br><b>PROD</b>     |                                                                   |                                                                  |                        |               |
| Date of Test<br><b>05/12/2021</b>                                                                                                                                                                                                                                                                                                                                                         | Hours Tested<br><b>24</b>                  | Choke Size                                                                                                                                                                            | Prod'n For Test Period                       | Oil - Bbl<br><b>944</b>  | Gas - MCF<br><b>1706</b>           | Water - Bbl.<br><b>1230</b>                                | Gas - Oil Ratio                                                   |                                                                  |                        |               |
| Flow Tubing Press.                                                                                                                                                                                                                                                                                                                                                                        | Casing Pressure                            | Calculated 24-Hour Rate                                                                                                                                                               | Oil - Bbl.<br><b>944</b>                     | Gas - MCF<br><b>1706</b> | Water - Bbl.<br><b>1230</b>        | Oil Gravity - API - ( <i>Corr.</i> )<br><b>40</b>          |                                                                   |                                                                  |                        |               |
| 29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> )<br><b>Sold</b>                                                                                                                                                                                                                                                                                                        |                                            |                                                                                                                                                                                       |                                              |                          |                                    |                                                            | 30. Test Witnessed By<br><b>Apache Corp.</b>                      |                                                                  |                        |               |
| 31. List Attachments<br><b>Inclination Report, C-102, C-103, C-104</b>                                                                                                                                                                                                                                                                                                                    |                                            |                                                                                                                                                                                       |                                              |                          |                                    |                                                            |                                                                   |                                                                  |                        |               |
| 32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.                                                                                                                                                                                                                                                                                        |                                            |                                                                                                                                                                                       |                                              |                          |                                    |                                                            |                                                                   |                                                                  |                        |               |
| 33. If an on-site burial was used at the well, report the exact location of the on-site burial:                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                                                       |                                              |                          |                                    |                                                            |                                                                   |                                                                  |                        |               |
| <input type="checkbox"/> Latitude <input type="checkbox"/> Longitude <input type="checkbox"/> NAD 1927 <input type="checkbox"/> 1983                                                                                                                                                                                                                                                      |                                            |                                                                                                                                                                                       |                                              |                          |                                    |                                                            |                                                                   |                                                                  |                        |               |
| <i>I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief</i>                                                                                                                                                                                                                                                 |                                            |                                                                                                                                                                                       |                                              |                          |                                    |                                                            |                                                                   |                                                                  |                        |               |
| Signature <i>alicia fulton</i>                                                                                                                                                                                                                                                                                                                                                            |                                            |                                                                                                                                                                                       | Printed Name <b>Alicia Fulton</b>            |                          |                                    | Title <b>Sr. Regulatory Analyst</b>                        |                                                                   |                                                                  | Date <b>06/15/2021</b> |               |
| E-mail Address <b>alicia.fulton@apachecorp.com</b>                                                                                                                                                                                                                                                                                                                                        |                                            |                                                                                                                                                                                       |                                              |                          |                                    |                                                            |                                                                   |                                                                  |                        |               |

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

| Southeastern New Mexico |                      | Northwestern New Mexico |                  |
|-------------------------|----------------------|-------------------------|------------------|
| T. Anhy                 | T. Canyon            | T. Ojo Alamo            | T. Penn A"       |
| T. Salt                 | T. Strawn            | T. Kirtland             | T. Penn. "B"     |
| B. Salt                 | T. Atoka             | T. Fruitland            | T. Penn. "C"     |
| T. Yates 803            | T. Miss              | T. Pictured Cliffs      | T. Penn. "D"     |
| T. 7 Rivers 1147        | T. Devonian          | T. Cliff House          | T. Leadville     |
| T. Queen 1677           | T. Silurian          | T. Menefee              | T. Madison       |
| T. Grayburg 2037        | T. Montoya           | T. Point Lookout        | T. Elbert        |
| T. San Andres 2497      | T. Simpson           | T. Mancos               | T. McCracken     |
| T. Glorieta             | T. McKee             | T. Gallup               | T. Ignacio Otzte |
| T. Paddock              | T. Ellenburger       | Base Greenhorn          | T. Granite       |
| T. Blinebry             | T. Gr. Wash          | T. Dakota               |                  |
| T. Tubb                 | T. Delaware Sand     | T. Morrison             |                  |
| T. Drinkard             | T. Bone Springs 3599 | T. Todilto              |                  |
| T. Abo                  | T. Rustler           | T. Entrada              |                  |
| T. Wolfcamp             | T. Tansill           | T. Wingate              |                  |
| T. Penn                 | T. Penrose           | T. Chinle               |                  |
| T. Cisco (Bough C)      | T. Bowers-SD         | T. Permian              |                  |

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness<br>In Feet | Lithology         | From | To | Thickness<br>In Feet | Lithology |
|------|----|----------------------|-------------------|------|----|----------------------|-----------|
| 6317 |    |                      | first bone spring |      |    |                      |           |

**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 Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

ACKNOWLEDGMENTS

Action 42215

**ACKNOWLEDGMENTS**

|                                                                                 |                                                    |
|---------------------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>APACHE CORPORATION<br>303 Veterans Airpark Ln<br>Midland, TX 79705 | OGRID:<br>873                                      |
|                                                                                 | Action Number:<br>42215                            |
|                                                                                 | Action Type:<br>[C-104] Completion Packet (C-104C) |

**ACKNOWLEDGMENTS**

|                                     |                                                                                                                    |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.     |
| <input checked="" type="checkbox"/> | I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion. |

**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 Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 42215

CONDITIONS

|                                                                                     |                                                        |
|-------------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br><br>APACHE CORPORATION<br>303 Veterans Airpark Ln<br>Midland, TX 79705 | OGRID:<br><br>873                                      |
|                                                                                     | Action Number:<br><br>42215                            |
|                                                                                     | Action Type:<br><br>[C-104] Completion Packet (C-104C) |

CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| plmartinez | None      | 9/2/2021       |