

HOPPS OGD

APR 21 2016

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**SD Plan Report**

**Devon Energy**

**Field Name:** *Lea Co, NM Nad 83 NMEZ*  
**Site Name:** *Cotton Draw Unit 280H, 281H Pad*  
**Well Name:** *Cotton Draw Unit 281H*  
**Plan:** *P1:V2*

29 June 2015



**Weatherford®**

APR 22 2016

## Cotton Draw Unit 281H

|                                                                                 |                                                                                                                                                                                                                  |                                     |                                               |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------|
| <b>Field Name</b>                                                               | <b>Map Units :</b> US ft <b>Company Name :</b> Devon Energy<br><b>Vertical Reference Datum (VRD) :</b> Mean Sea Level<br><b>Projected Coordinate System :</b> NAD83 / New Mexico East (ftUS)<br><b>Comment :</b> |                                     |                                               |
| <b>Site Name</b><br>Lea Co., NM, Nad 83 NMEZ<br>Cotton Draw Unit 280H, 281H Pad | <b>Units :</b> US ft                                                                                                                                                                                             | <b>North Reference :</b> Grid       | <b>Convergence Angle :</b> 0.32               |
|                                                                                 | <b>Position</b>                                                                                                                                                                                                  | <b>Northing :</b> 414087.92 US ft   | <b>Latitude :</b> 32° 8' 12.96"               |
|                                                                                 | <b>Easting :</b> 730370.42 US ft                                                                                                                                                                                 | <b>Longitude :</b> -103° 43' 21.44" |                                               |
| <b>Elevation above Mean Sea Level:</b> 3416.00 US ft                            |                                                                                                                                                                                                                  |                                     |                                               |
| <b>Comment :</b>                                                                |                                                                                                                                                                                                                  |                                     |                                               |
| <b>Slot Name</b><br>Cotton Draw Unit 281H                                       | <b>Position (Offsets relative to Site Centre)</b>                                                                                                                                                                |                                     |                                               |
|                                                                                 | <b>+N / -S :</b> 0.23 US ft                                                                                                                                                                                      | <b>Northing :</b> 414088.15 US ft   | <b>Latitude :</b> 32° 8' 12.96"               |
|                                                                                 | <b>+E / -W :</b> 50.02 US ft                                                                                                                                                                                     | <b>Easting :</b> 730420.44 US ft    | <b>Longitude :</b> -103° 43' 20.86"           |
| <b>Slot TVD Reference :</b> Ground Elevation                                    |                                                                                                                                                                                                                  |                                     |                                               |
| <b>Elevation above Mean Sea Level :</b> 3418.00 US ft                           |                                                                                                                                                                                                                  |                                     |                                               |
| <b>Comment :</b>                                                                |                                                                                                                                                                                                                  |                                     |                                               |
| <b>Well Name</b><br>Cotton Draw Unit 281H                                       | <b>Type :</b> Main well                                                                                                                                                                                          | <b>UWI :</b>                        | <b>Plan :</b> P1:V2                           |
|                                                                                 | <b>Rig Height <i>Kelly Bushing</i> :</b> 25.00 US ft                                                                                                                                                             | <b>Comment :</b>                    |                                               |
|                                                                                 | <b>Relative to Mean Sea Level:</b> 3443.00 US ft                                                                                                                                                                 |                                     |                                               |
|                                                                                 | <b>Closure Distance :</b> 4723.19 US ft                                                                                                                                                                          | <b>Closure Azimuth :</b> 176.484°   |                                               |
|                                                                                 | <b>Vertical Section (Position of Origin Relative to Slot )</b>                                                                                                                                                   |                                     |                                               |
|                                                                                 | <b>+N / -S :</b> 0.00 US ft                                                                                                                                                                                      | <b>+E / -W :</b> 0.00 US ft         | <b>Az :</b> 176.48°                           |
|                                                                                 | <b>Magnetic Parameters</b>                                                                                                                                                                                       |                                     |                                               |
| <b>Model :</b> BGGM                                                             | <b>Field Strength :</b> 48137.5nT                                                                                                                                                                                | <b>Dec :</b> 7.31°                  | <b>Dip :</b> 60.02° <b>Date :</b> 30/Oct/2015 |

|                                     |                              |
|-------------------------------------|------------------------------|
| <b>Target Set</b>                   |                              |
| <b>Name :</b> Cotton Draw Unit 281H | <b>Number of Targets :</b> 1 |

**Comment :**

|                                  |                                             |                                   |                                     |
|----------------------------------|---------------------------------------------|-----------------------------------|-------------------------------------|
| <b>Target Name:</b><br>PBHL 281H | <b>Position (Relative to Slot centre)</b>   |                                   |                                     |
|                                  | <b>+N / -S :</b> 4714.30 US ft              | <b>Northing :</b> 409373.85 US ft | <b>Latitude :</b> 32° 7' 26.29"     |
|                                  | <b>+E / -W :</b> 289.62 US ft               | <b>Easting :</b> 730710.06 US ft  | <b>Longitude :</b> -103° 43' 17.80" |
| <b>Shape:</b><br>Cuboid          | <b>TVD (Kelly Bushing) :</b> 10451.00 US ft |                                   |                                     |
| <b>Orientation</b>               | <b>Azimuth :</b> 180.50°                    | <b>Inclination :</b> -0.61°       |                                     |
| <b>Dimensions</b>                | <b>Length :</b> 8484.00 US ft               | <b>Breadth :</b> 50.00 US ft      | <b>Height :</b> 20.00 US ft         |

Well path created using minimum curvature

## 5D Plan Report

| Salient Points (Relative to Slot centre, TVD relative to Kelly Bushing) |            |           |                |                      |                      |               |                      |                          |                          |                |           |
|-------------------------------------------------------------------------|------------|-----------|----------------|----------------------|----------------------|---------------|----------------------|--------------------------|--------------------------|----------------|-----------|
| MD<br>(US ft)                                                           | Inc<br>(°) | Az<br>(°) | TVD<br>(US ft) | N. Offset<br>(US ft) | E. Offset<br>(US ft) | VS<br>(US ft) | DLS<br>(%/100 US ft) | B. Rate<br>(%/100 US ft) | T. Rate<br>(%/100 US ft) | T. Face<br>(°) | Comment   |
| 0.00                                                                    | 0.00       | 0.00      | 0.00           | 0.00                 | 0.00                 | -0.00         | 0.00                 | 0.00                     | 0.00                     | 0.00           |           |
| 5200.00                                                                 | 0.00       | 0.00      | 5200.00        | 0.00                 | 0.00                 | -0.00         | 0.00                 | 0.00                     | 0.00                     | 0.00           | Nudge     |
| 5700.00                                                                 | 5.00       | 90.00     | 5699.37        | 0.00                 | 21.80                | 1.34          | 1.00                 | 1.00                     | 0.00                     | 90.00          | Hold      |
| 8742.00                                                                 | 5.00       | 90.00     | 8729.79        | 0.00                 | 286.93               | 17.62         | 0.00                 | 0.00                     | 0.00                     | 0.00           | Drop      |
| 9742.00                                                                 | 0.00       | 0.00      | 9728.52        | 0.00                 | 330.54               | 20.29         | 0.50                 | -0.50                    | 0.00                     | 180.00         | Hold      |
| 9942.00                                                                 | 0.00       | 0.00      | 9928.52        | 0.00                 | 330.54               | 20.29         | 0.00                 | 0.00                     | 0.00                     | 0.00           | KOP       |
| 10686.93                                                                | 89.39      | 180.50    | 10405.96       | -472.38              | 326.44               | 491.53        | 12.00                | 12.00                    | 0.00                     | 180.50         | LP        |
| 14929.25                                                                | 89.39      | 180.50    | 10451.00       | -4714.30             | 289.62               | 4723.19       | 0.00                 | 0.00                     | 0.00                     | 0.00           | PBHL 281H |

| Interpolated Points (Relative to Slot centre, TVD relative to Kelly Bushing) |            |           |                |                      |                      |               |                      |                     |                    |  |         |
|------------------------------------------------------------------------------|------------|-----------|----------------|----------------------|----------------------|---------------|----------------------|---------------------|--------------------|--|---------|
| MD<br>(US ft)                                                                | Inc<br>(°) | Az<br>(°) | TVD<br>(US ft) | N. Offset<br>(US ft) | E. Offset<br>(US ft) | VS<br>(US ft) | DLS<br>(%/100 US ft) | Northing<br>(US ft) | Easting<br>(US ft) |  | Comment |
| 5200.00                                                                      | 0.00       | 0.00      | 5200.00        | 0.00                 | 0.00                 | -0.00         | 0.00                 | 414088.15           | 730420.44          |  | Nudge   |
| 5300.00                                                                      | 1.00       | 90.00     | 5299.99        | 0.00                 | 0.87                 | 0.05          | 1.00                 | 414088.15           | 730421.31          |  |         |
| 5400.00                                                                      | 2.00       | 90.00     | 5399.96        | 0.00                 | 3.49                 | 0.21          | 1.00                 | 414088.15           | 730423.93          |  |         |
| 5500.00                                                                      | 3.00       | 90.00     | 5499.86        | 0.00                 | 7.85                 | 0.48          | 1.00                 | 414088.15           | 730428.29          |  |         |
| 5600.00                                                                      | 4.00       | 90.00     | 5599.68        | 0.00                 | 13.96                | 0.86          | 1.00                 | 414088.15           | 730434.40          |  |         |
| 5700.00                                                                      | 5.00       | 90.00     | 5699.37        | 0.00                 | 21.80                | 1.34          | 1.00                 | 414088.15           | 730442.24          |  | Hold    |
| 5800.00                                                                      | 5.00       | 90.00     | 5798.99        | 0.00                 | 30.52                | 1.87          | 0.00                 | 414088.15           | 730450.96          |  |         |
| 5900.00                                                                      | 5.00       | 90.00     | 5898.60        | 0.00                 | 39.23                | 2.41          | 0.00                 | 414088.15           | 730459.67          |  |         |
| 6000.00                                                                      | 5.00       | 90.00     | 5998.22        | 0.00                 | 47.95                | 2.94          | 0.00                 | 414088.15           | 730468.39          |  |         |
| 6100.00                                                                      | 5.00       | 90.00     | 6097.84        | 0.00                 | 56.67                | 3.48          | 0.00                 | 414088.15           | 730477.11          |  |         |
| 6200.00                                                                      | 5.00       | 90.00     | 6197.46        | 0.00                 | 65.38                | 4.01          | 0.00                 | 414088.15           | 730485.82          |  |         |
| 6300.00                                                                      | 5.00       | 90.00     | 6297.08        | 0.00                 | 74.10                | 4.55          | 0.00                 | 414088.15           | 730494.54          |  |         |
| 6400.00                                                                      | 5.00       | 90.00     | 6396.70        | 0.00                 | 82.81                | 5.08          | 0.00                 | 414088.15           | 730503.25          |  |         |
| 6500.00                                                                      | 5.00       | 90.00     | 6496.32        | 0.00                 | 91.53                | 5.62          | 0.00                 | 414088.15           | 730511.97          |  |         |
| 6600.00                                                                      | 5.00       | 90.00     | 6595.94        | 0.00                 | 100.24               | 6.15          | 0.00                 | 414088.15           | 730520.68          |  |         |
| 6700.00                                                                      | 5.00       | 90.00     | 6695.56        | 0.00                 | 108.96               | 6.69          | 0.00                 | 414088.15           | 730529.40          |  |         |
| 6800.00                                                                      | 5.00       | 90.00     | 6795.18        | 0.00                 | 117.67               | 7.22          | 0.00                 | 414088.15           | 730538.11          |  |         |
| 6900.00                                                                      | 5.00       | 90.00     | 6894.80        | 0.00                 | 126.39               | 7.76          | 0.00                 | 414088.15           | 730546.83          |  |         |
| 7000.00                                                                      | 5.00       | 90.00     | 6994.42        | 0.00                 | 135.11               | 8.30          | 0.00                 | 414088.15           | 730555.55          |  |         |
| 7100.00                                                                      | 5.00       | 90.00     | 7094.04        | 0.00                 | 143.82               | 8.83          | 0.00                 | 414088.15           | 730564.26          |  |         |
| 7200.00                                                                      | 5.00       | 90.00     | 7193.66        | 0.00                 | 152.54               | 9.37          | 0.00                 | 414088.15           | 730572.98          |  |         |
| 7300.00                                                                      | 5.00       | 90.00     | 7293.28        | 0.00                 | 161.25               | 9.90          | 0.00                 | 414088.15           | 730581.69          |  |         |
| 7400.00                                                                      | 5.00       | 90.00     | 7392.90        | 0.00                 | 169.97               | 10.44         | 0.00                 | 414088.15           | 730590.41          |  |         |
| 7500.00                                                                      | 5.00       | 90.00     | 7492.52        | 0.00                 | 178.68               | 10.97         | 0.00                 | 414088.15           | 730599.12          |  |         |
| 7600.00                                                                      | 5.00       | 90.00     | 7592.14        | 0.00                 | 187.40               | 11.51         | 0.00                 | 414088.15           | 730607.84          |  |         |
| 7700.00                                                                      | 5.00       | 90.00     | 7691.76        | 0.00                 | 196.11               | 12.04         | 0.00                 | 414088.15           | 730616.55          |  |         |
| 7800.00                                                                      | 5.00       | 90.00     | 7791.37        | 0.00                 | 204.83               | 12.58         | 0.00                 | 414088.15           | 730625.27          |  |         |
| 7900.00                                                                      | 5.00       | 90.00     | 7890.99        | 0.00                 | 213.55               | 13.11         | 0.00                 | 414088.15           | 730633.99          |  |         |
| 8000.00                                                                      | 5.00       | 90.00     | 7990.61        | 0.00                 | 222.26               | 13.65         | 0.00                 | 414088.15           | 730642.70          |  |         |
| 8100.00                                                                      | 5.00       | 90.00     | 8090.23        | 0.00                 | 230.98               | 14.18         | 0.00                 | 414088.15           | 730651.42          |  |         |
| 8200.00                                                                      | 5.00       | 90.00     | 8189.85        | 0.00                 | 239.69               | 14.72         | 0.00                 | 414088.15           | 730660.13          |  |         |
| 8300.00                                                                      | 5.00       | 90.00     | 8289.47        | 0.00                 | 248.41               | 15.25         | 0.00                 | 414088.15           | 730668.85          |  |         |
| 8400.00                                                                      | 5.00       | 90.00     | 8389.09        | 0.00                 | 257.12               | 15.79         | 0.00                 | 414088.15           | 730677.56          |  |         |
| 8500.00                                                                      | 5.00       | 90.00     | 8488.71        | 0.00                 | 265.84               | 16.32         | 0.00                 | 414088.15           | 730686.28          |  |         |
| 8600.00                                                                      | 5.00       | 90.00     | 8588.33        | 0.00                 | 274.55               | 16.86         | 0.00                 | 414088.15           | 730694.99          |  |         |
| 8700.00                                                                      | 5.00       | 90.00     | 8687.95        | 0.00                 | 283.27               | 17.39         | 0.00                 | 414088.15           | 730703.71          |  |         |
| 8742.00                                                                      | 5.00       | 90.00     | 8729.79        | 0.00                 | 286.93               | 17.62         | 0.00                 | 414088.15           | 730707.37          |  | Drop    |
| 8800.00                                                                      | 4.71       | 90.00     | 8787.58        | 0.00                 | 291.84               | 17.92         | 0.50                 | 414088.15           | 730712.28          |  |         |
| 8900.00                                                                      | 4.21       | 90.00     | 8887.28        | 0.00                 | 299.62               | 18.40         | 0.50                 | 414088.15           | 730720.06          |  |         |
| 9000.00                                                                      | 3.71       | 90.00     | 8987.04        | 0.00                 | 306.52               | 18.82         | 0.50                 | 414088.15           | 730726.96          |  |         |
| 9100.00                                                                      | 3.21       | 90.00     | 9086.86        | 0.00                 | 312.56               | 19.19         | 0.50                 | 414088.15           | 730733.00          |  |         |
| 9200.00                                                                      | 2.71       | 90.00     | 9186.72        | 0.00                 | 317.72               | 19.51         | 0.50                 | 414088.15           | 730738.16          |  |         |
| 9300.00                                                                      | 2.21       | 90.00     | 9286.63        | 0.00                 | 322.01               | 19.77         | 0.50                 | 414088.15           | 730742.45          |  |         |
| 9400.00                                                                      | 1.71       | 90.00     | 9386.57        | 0.00                 | 325.43               | 19.98         | 0.50                 | 414088.15           | 730745.87          |  |         |
| 9500.00                                                                      | 1.21       | 90.00     | 9486.54        | 0.00                 | 327.98               | 20.14         | 0.50                 | 414088.15           | 730748.42          |  |         |
| 9600.00                                                                      | 0.71       | 90.00     | 9586.52        | 0.00                 | 329.66               | 20.24         | 0.50                 | 414088.15           | 730750.10          |  |         |
| 9700.00                                                                      | 0.21       | 90.00     | 9686.52        | 0.00                 | 330.46               | 20.29         | 0.50                 | 414088.15           | 730750.90          |  |         |

## SD Plan Report

| Interpolated Points (Relative to Slot centre, TVD relative to Kelly Bushing) |            |           |                |                      |                      |               |                      |                     |                    |         |
|------------------------------------------------------------------------------|------------|-----------|----------------|----------------------|----------------------|---------------|----------------------|---------------------|--------------------|---------|
| MD<br>(US.ft)                                                                | Inc<br>(°) | Az<br>(°) | TVD<br>(US.ft) | N. Offset<br>(US.ft) | E. Offset<br>(US.ft) | VS<br>(US.ft) | DLS<br>(%/100 US.ft) | Northing<br>(US.ft) | Easting<br>(US.ft) | Comment |
| 9742.00                                                                      | 0.00       | 0.00      | 9728.52        | 0.00                 | 330.54               | 20.29         | 0.50                 | 414088.15           | 730750.98          | Hold    |
| 9800.00                                                                      | 0.00       | 0.00      | 9786.52        | 0.00                 | 330.54               | 20.29         | 0.00                 | 414088.15           | 730750.98          |         |
| 9900.00                                                                      | 0.00       | 0.00      | 9886.52        | 0.00                 | 330.54               | 20.29         | 0.00                 | 414088.15           | 730750.98          |         |
| 9942.00                                                                      | 0.00       | 0.00      | 9928.52        | 0.00                 | 330.54               | 20.29         | 0.00                 | 414088.15           | 730750.98          | KOP     |
| 10000.00                                                                     | 6.96       | 180.50    | 9986.38        | -3.52                | 330.51               | 23.80         | 12.00                | 414084.63           | 730750.95          |         |
| 10100.00                                                                     | 18.96      | 180.50    | 10083.65       | -25.90               | 330.31               | 46.13         | 12.00                | 414062.25           | 730750.75          |         |
| 10200.00                                                                     | 30.96      | 180.50    | 10174.15       | -68.02               | 329.95               | 88.15         | 12.00                | 414020.13           | 730750.39          |         |
| 10300.00                                                                     | 42.96      | 180.50    | 10253.91       | -128.04              | 329.42               | 148.02        | 12.00                | 413960.11           | 730749.86          |         |
| 10400.00                                                                     | 54.96      | 180.50    | 10319.45       | -203.32              | 328.77               | 223.12        | 12.00                | 413884.83           | 730749.21          |         |
| 10500.00                                                                     | 66.96      | 180.50    | 10367.90       | -290.59              | 328.01               | 310.18        | 12.00                | 413797.56           | 730748.45          | LP      |
| 10600.00                                                                     | 78.96      | 180.50    | 10397.15       | -386.02              | 327.19               | 405.38        | 12.00                | 413702.13           | 730747.63          |         |
| 10686.93                                                                     | 89.39      | 180.50    | 10405.96       | -472.38              | 326.44               | 491.53        | 12.00                | 413615.77           | 730746.88          |         |
| 10700.00                                                                     | 89.39      | 180.50    | 10406.10       | -485.45              | 326.32               | 504.57        | 0.00                 | 413602.70           | 730746.76          |         |
| 10800.00                                                                     | 89.39      | 180.50    | 10407.16       | -585.44              | 325.46               | 604.31        | 0.00                 | 413502.71           | 730745.90          |         |
| 10900.00                                                                     | 89.39      | 180.50    | 10408.22       | -685.43              | 324.59               | 704.06        | 0.00                 | 413402.72           | 730745.03          |         |
| 11000.00                                                                     | 89.39      | 180.50    | 10409.28       | -785.42              | 323.72               | 803.81        | 0.00                 | 413302.73           | 730744.16          |         |
| 11100.00                                                                     | 89.39      | 180.50    | 10410.34       | -885.41              | 322.85               | 903.56        | 0.00                 | 413202.74           | 730743.29          |         |
| 11200.00                                                                     | 89.39      | 180.50    | 10411.41       | -985.40              | 321.98               | 1003.31       | 0.00                 | 413102.75           | 730742.42          |         |
| 11300.00                                                                     | 89.39      | 180.50    | 10412.47       | -1085.39             | 321.12               | 1103.06       | 0.00                 | 413002.76           | 730741.56          |         |
| 11400.00                                                                     | 89.39      | 180.50    | 10413.53       | -1185.38             | 320.25               | 1202.81       | 0.00                 | 412902.77           | 730740.69          |         |
| 11500.00                                                                     | 89.39      | 180.50    | 10414.59       | -1285.37             | 319.38               | 1302.55       | 0.00                 | 412802.78           | 730739.82          |         |
| 11600.00                                                                     | 89.39      | 180.50    | 10415.65       | -1385.36             | 318.51               | 1402.30       | 0.00                 | 412702.79           | 730738.95          |         |
| 11700.00                                                                     | 89.39      | 180.50    | 10416.71       | -1485.35             | 317.64               | 1502.05       | 0.00                 | 412602.80           | 730738.08          |         |
| 11800.00                                                                     | 89.39      | 180.50    | 10417.78       | -1585.34             | 316.78               | 1601.80       | 0.00                 | 412502.81           | 730737.22          |         |
| 11900.00                                                                     | 89.39      | 180.50    | 10418.84       | -1685.33             | 315.91               | 1701.55       | 0.00                 | 412402.82           | 730736.35          |         |
| 12000.00                                                                     | 89.39      | 180.50    | 10419.90       | -1785.32             | 315.04               | 1801.30       | 0.00                 | 412302.83           | 730735.48          |         |
| 12100.00                                                                     | 89.39      | 180.50    | 10420.96       | -1885.31             | 314.17               | 1901.05       | 0.00                 | 412202.84           | 730734.61          |         |
| 12200.00                                                                     | 89.39      | 180.50    | 10422.02       | -1985.30             | 313.31               | 2000.80       | 0.00                 | 412102.85           | 730733.75          |         |
| 12300.00                                                                     | 89.39      | 180.50    | 10423.09       | -2085.30             | 312.44               | 2100.54       | 0.00                 | 412002.85           | 730732.88          |         |
| 12400.00                                                                     | 89.39      | 180.50    | 10424.15       | -2185.29             | 311.57               | 2200.29       | 0.00                 | 411902.86           | 730732.01          |         |
| 12500.00                                                                     | 89.39      | 180.50    | 10425.21       | -2285.28             | 310.70               | 2300.04       | 0.00                 | 411802.87           | 730731.14          |         |
| 12600.00                                                                     | 89.39      | 180.50    | 10426.27       | -2385.27             | 309.83               | 2399.79       | 0.00                 | 411702.88           | 730730.27          |         |
| 12700.00                                                                     | 89.39      | 180.50    | 10427.33       | -2485.26             | 308.97               | 2499.54       | 0.00                 | 411602.89           | 730729.41          |         |
| 12800.00                                                                     | 89.39      | 180.50    | 10428.39       | -2585.25             | 308.10               | 2599.29       | 0.00                 | 411502.90           | 730728.54          |         |
| 12900.00                                                                     | 89.39      | 180.50    | 10429.46       | -2685.24             | 307.23               | 2699.04       | 0.00                 | 411402.91           | 730727.67          |         |
| 13000.00                                                                     | 89.39      | 180.50    | 10430.52       | -2785.23             | 306.36               | 2798.78       | 0.00                 | 411302.92           | 730726.80          |         |
| 13100.00                                                                     | 89.39      | 180.50    | 10431.58       | -2885.22             | 305.49               | 2898.53       | 0.00                 | 411202.93           | 730725.93          |         |
| 13200.00                                                                     | 89.39      | 180.50    | 10432.64       | -2985.21             | 304.63               | 2998.28       | 0.00                 | 411102.94           | 730725.07          |         |
| 13300.00                                                                     | 89.39      | 180.50    | 10433.70       | -3085.20             | 303.76               | 3098.03       | 0.00                 | 411002.95           | 730724.20          |         |
| 13400.00                                                                     | 89.39      | 180.50    | 10434.76       | -3185.19             | 302.89               | 3197.78       | 0.00                 | 410902.96           | 730723.33          |         |
| 13500.00                                                                     | 89.39      | 180.50    | 10435.83       | -3285.18             | 302.02               | 3297.53       | 0.00                 | 410802.97           | 730722.46          |         |
| 13600.00                                                                     | 89.39      | 180.50    | 10436.89       | -3385.17             | 301.16               | 3397.28       | 0.00                 | 410702.98           | 730721.60          |         |
| 13700.00                                                                     | 89.39      | 180.50    | 10437.95       | -3485.16             | 300.29               | 3497.03       | 0.00                 | 410602.99           | 730720.73          |         |
| 13800.00                                                                     | 89.39      | 180.50    | 10439.01       | -3585.15             | 299.42               | 3596.77       | 0.00                 | 410503.00           | 730719.86          |         |
| 13900.00                                                                     | 89.39      | 180.50    | 10440.07       | -3685.15             | 298.55               | 3696.52       | 0.00                 | 410403.00           | 730718.99          |         |
| 14000.00                                                                     | 89.39      | 180.50    | 10441.13       | -3785.14             | 297.68               | 3796.27       | 0.00                 | 410303.01           | 730718.12          |         |
| 14100.00                                                                     | 89.39      | 180.50    | 10442.20       | -3885.13             | 296.82               | 3896.02       | 0.00                 | 410203.02           | 730717.26          |         |
| 14200.00                                                                     | 89.39      | 180.50    | 10443.26       | -3985.12             | 295.95               | 3995.77       | 0.00                 | 410103.03           | 730716.39          |         |
| 14300.00                                                                     | 89.39      | 180.50    | 10444.32       | -4085.11             | 295.08               | 4095.52       | 0.00                 | 410003.04           | 730715.52          |         |
| 14400.00                                                                     | 89.39      | 180.50    | 10445.38       | -4185.10             | 294.21               | 4195.27       | 0.00                 | 409903.05           | 730714.65          |         |
| 14500.00                                                                     | 89.39      | 180.50    | 10446.44       | -4285.09             | 293.35               | 4295.01       | 0.00                 | 409803.06           | 730713.79          |         |
| 14600.00                                                                     | 89.39      | 180.50    | 10447.50       | -4385.08             | 292.48               | 4394.76       | 0.00                 | 409703.07           | 730712.92          |         |
| 14700.00                                                                     | 89.39      | 180.50    | 10448.57       | -4485.07             | 291.61               | 4494.51       | 0.00                 | 409603.08           | 730712.05          |         |
| 14800.00                                                                     | 89.39      | 180.50    | 10449.63       | -4585.06             | 290.74               | 4594.26       | 0.00                 | 409503.09           | 730711.18          |         |
| 14900.00                                                                     | 89.39      | 180.50    | 10450.69       | -4685.05             | 289.87               | 4694.01       | 0.00                 | 409403.10           | 730710.31          |         |
| 14929.25                                                                     | 89.39      | 180.50    | 10451.00       | -4714.30             | 289.62               | 4723.19       | 0.00                 | 409373.85           | 730710.06          |         |

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