

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

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 June 10, 2003

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☒ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                                         |  |                                                          |  |                                           |                                     |
|-----------------------------------------|--|----------------------------------------------------------|--|-------------------------------------------|-------------------------------------|
| <sup>1</sup> API Number<br>30-025-37032 |  | <sup>2</sup> Pool Code<br>16910                          |  | <sup>3</sup> Pool Name<br>DENTON;DEVONIAN |                                     |
| <sup>4</sup> Property Code<br>34389     |  | <sup>5</sup> Property Name<br>T. D. Pope "35"            |  |                                           | <sup>6</sup> Well Number<br>2       |
| <sup>7</sup> OGRID No<br>227103         |  | <sup>8</sup> Operator Name<br>Platinum Exploration, Inc. |  |                                           | <sup>9</sup> Elevation<br>3,804' GL |

<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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| H             | 35      | 14-S     | 37-E  |         | 2550'         | North            | 330'          | East           | Lea    |

<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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| G             | 35      | 14-S     | 37-E  |         | 1959          | North            | 2228          | East           | Lea    |
| G             | 35      | 14-S     | 37-E  |         | 1952          | North            | 2125          | East           | Lea    |

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

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|                                                                               |                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                                                                                                                                                                                                                                                           |  |
|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 26<br><br>Acreage change effective 7-15-2004<br>per Farmout agreement on file |                                                                                                                                                                                                                                                                                                                                                      |  |  |  | <sup>17</sup> <b>OPERATOR CERTIFICATION</b><br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.<br>Signature: <i>Julie Figel</i><br>Julie Figel<br>Printed Name<br>Agent<br>Title and E-mail Address<br>8/3/05<br>Date |  |
|                                                                               | <sup>18</sup> <b>SURVEYOR CERTIFICATION</b><br>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.<br>Date of Survey<br>Signature and Seal of Professional Surveyor:<br>Certificate Number |  |  |  |                                                                                                                                                                                                                                                                                           |  |

| HEADER INFORMATION                       |                                                  |        |                      |              |            |                  |         |           |           |               |                |
|------------------------------------------|--------------------------------------------------|--------|----------------------|--------------|------------|------------------|---------|-----------|-----------|---------------|----------------|
| Company:                                 | Platinum Exploration                             |        |                      |              |            |                  |         |           |           |               |                |
| Field:                                   | Denton (Devonian)                                |        |                      |              |            |                  |         |           |           |               |                |
| Site Name:                               | T.D. Pope "35" #2-H                              |        | Mag Dec.Corr.        |              | +7.54 EAST |                  | TO GRID |           |           |               |                |
| Well Name:                               | T.D. Pope "35" #2-H                              |        |                      |              |            |                  |         |           |           |               |                |
| Survey Name:                             | PathFinder MWD Survey                            |        |                      | Survey Date: |            | 5/24/2005        |         |           |           |               |                |
| Survey Type:                             | 100 - 12260 Scientific Gyro Survey : Gyro Survey |        |                      |              |            |                  |         |           |           |               |                |
| 12286- 14218 PathFinder MWD Survey : MWD |                                                  |        |                      |              |            |                  |         |           |           |               |                |
| Depth Units:                             | ft                                               |        |                      |              |            |                  |         |           |           |               |                |
| SURFACE LOCATION                         |                                                  |        | BOTTOM HOLE LOCATION |              |            | WELL INFORMATION |         |           |           |               |                |
| Site Northing                            | 751719                                           |        | BHL MD               | 14218        |            | Well Northing:   |         | 751719    |           |               |                |
| Site Easting                             | 858611                                           |        | BHL TVD              | 12415.3      |            | Well Easting:    |         | 858611.1  |           |               |                |
|                                          |                                                  |        |                      |              |            | Rig K.B:         |         | 0         |           |               |                |
|                                          |                                                  |        |                      |              |            | Vsec Angle:      |         | 288.39    |           |               |                |
| SURVEY LIST                              |                                                  |        |                      |              |            |                  |         |           |           |               |                |
| MD                                       | INC                                              | AZI    | TVD                  | NS           | EW         | VSEC             | DLS     | Northing  | Easting   | Latitude      | Longitude      |
| 0                                        | 0.53                                             | 334.96 | 0                    | 0            | 0          | 0                | 0       | 751719    | 858611.1  | 33°03'39.748N | 103°09'46.288W |
| 100                                      | 0.15                                             | 280.83 | 100                  | 0.44         | -0.32      | 0.45             | 0.46    | 751719.44 | 858610.78 | 33°03'39.753N | 103°09'46.292W |
| 200                                      | 0.43                                             | 189.38 | 200                  | 0.1          | -0.51      | 0.52             | 0.46    | 751719.1  | 858610.59 | 33°03'39.749N | 103°09'46.294W |
| 300                                      | 0.49                                             | 161.97 | 299.99               | -0.66        | -0.44      | 0.21             | 0.23    | 751718.32 | 858610.66 | 33°03'39.741N | 103°09'46.293W |
| 400                                      | 0.43                                             | 118.86 | 399.99               | -1.27        | 0.02       | -0.42            | 0.34    | 751717.73 | 858611.12 | 33°03'39.736N | 103°09'46.288W |
| 500                                      | 0.51                                             | 148.18 | 499.99               | -1.83        | 0.58       | -1.13            | 0.25    | 751717.17 | 858611.68 | 33°03'39.730N | 103°09'46.282W |
| 600                                      | 0.55                                             | 137.12 | 599.98               | -2.56        | 1.14       | -1.89            | 0.11    | 751716.44 | 858612.24 | 33°03'39.723N | 103°09'46.275W |
| 700                                      | 0.38                                             | 187.7  | 699.98               | -3.24        | 1.42       | -2.37            | 0.43    | 751715.76 | 858612.52 | 33°03'39.716N | 103°09'46.272W |
| 800                                      | 0.18                                             | 180.14 | 799.98               | -3.72        | 1.38       | -2.48            | 0.2     | 751715.28 | 858612.48 | 33°03'39.711N | 103°09'46.272W |
| 900                                      | 0.25                                             | 191.9  | 899.98               | -4.09        | 1.33       | -2.56            | 0.08    | 751714.91 | 858612.43 | 33°03'39.707N | 103°09'46.273W |
| 1000                                     | 0.33                                             | 181.11 | 999.98               | -4.59        | 1.28       | -2.67            | 0.1     | 751714.41 | 858612.38 | 33°03'39.703N | 103°09'46.274W |
| 1100                                     | 0.07                                             | 228.86 | 1099.98              | -4.92        | 1.23       | -2.72            | 0.29    | 751714.08 | 858612.33 | 33°03'39.699N | 103°09'46.274W |
| 1200                                     | 0.29                                             | 252.97 | 1199.98              | -5.04        | 0.94       | -2.49            | 0.23    | 751713.96 | 858612.04 | 33°03'39.698N | 103°09'46.278W |
| 1300                                     | 0.05                                             | 240.47 | 1299.98              | -5.13        | 0.66       | -2.25            | 0.24    | 751713.87 | 858611.76 | 33°03'39.697N | 103°09'46.281W |
| 1400                                     | 0.23                                             | 289.91 | 1399.98              | -5.08        | 0.44       | -2.02            | 0.2     | 751713.92 | 858611.54 | 33°03'39.698N | 103°09'46.284W |
| 1500                                     | 0.2                                              | 286.34 | 1499.97              | -4.97        | 0.08       | -1.64            | 0.03    | 751714.03 | 858611.18 | 33°03'39.699N | 103°09'46.288W |
| 1600                                     | 0.15                                             | 298.94 | 1599.97              | -4.85        | -0.2       | -1.34            | 0.06    | 751714.15 | 858610.9  | 33°03'39.700N | 103°09'46.291W |
| 1700                                     | 0.21                                             | 293.49 | 1699.97              | -4.72        | -0.48      | -1.03            | 0.06    | 751714.28 | 858610.62 | 33°03'39.701N | 103°09'46.294W |
| 1800                                     | 0.58                                             | 253.62 | 1799.97              | -4.79        | -1.14      | -0.43            | 0.44    | 751714.21 | 858609.96 | 33°03'39.701N | 103°09'46.302W |
| 1900                                     | 0.69                                             | 232.22 | 1899.97              | -5.3         | -2.1       | 0.32             | 0.26    | 751713.7  | 858609    | 33°03'39.696N | 103°09'46.313W |
| 2000                                     | 0.53                                             | 237.88 | 1999.96              | -5.91        | -2.97      | 0.95             | 0.17    | 751713.09 | 858608.13 | 33°03'39.690N | 103°09'46.324W |
| 2100                                     | 1.01                                             | 229.91 | 2099.95              | -6.73        | -4.03      | 1.7              | 0.49    | 751712.27 | 858607.07 | 33°03'39.682N | 103°09'46.336W |
| 2200                                     | 1.02                                             | 222.03 | 2199.93              | -7.96        | -5.3       | 2.52             | 0.14    | 751711.04 | 858605.8  | 33°03'39.670N | 103°09'46.351W |
| 2300                                     | 0.98                                             | 244.8  | 2299.92              | -8.98        | -6.67      | 3.5              | 0.4     | 751710.02 | 858604.43 | 33°03'39.660N | 103°09'46.368W |
| 2400                                     | 0.78                                             | 271.74 | 2399.91              | -9.33        | -8.13      | 4.77             | 0.45    | 751709.67 | 858602.97 | 33°03'39.657N | 103°09'46.385W |
| 2500                                     | 0.83                                             | 262.36 | 2499.9               | -9.4         | -9.52      | 6.07             | 0.14    | 751709.6  | 858601.58 | 33°03'39.656N | 103°09'46.401W |
| 2600                                     | 0.63                                             | 252.18 | 2599.89              | -9.67        | -10.77     | 7.17             | 0.24    | 751709.33 | 858600.33 | 33°03'39.654N | 103°09'46.416W |
| 2700                                     | 0.66                                             | 273.76 | 2699.88              | -9.8         | -11.86     | 8.17             | 0.24    | 751709.2  | 858599.24 | 33°03'39.652N | 103°09'46.429W |
| 2800                                     | 0.61                                             | 260.15 | 2799.88              | -9.85        | -12.96     | 9.19             | 0.16    | 751709.15 | 858598.14 | 33°03'39.652N | 103°09'46.442W |
| 2900                                     | 0.4                                              | 254.05 | 2899.87              | -10.04       | -13.82     | 9.95             | 0.22    | 751708.96 | 858597.28 | 33°03'39.650N | 103°09'46.452W |
| 3000                                     | 0.36                                             | 256.79 | 2999.87              | -10.2        | -14.46     | 10.51            | 0.04    | 751708.8  | 858596.64 | 33°03'39.649N | 103°09'46.459W |
| 3100                                     | 0.6                                              | 258.52 | 3099.87              | -10.38       | -15.28     | 11.23            | 0.24    | 751708.62 | 858595.82 | 33°03'39.647N | 103°09'46.469W |
| 3200                                     | 0.26                                             | 226.42 | 3199.87              | -10.64       | -15.96     | 11.79            | 0.4     | 751708.36 | 858595.14 | 33°03'39.645N | 103°09'46.477W |
| 3300                                     | 0.13                                             | 0.94   | 3299.87              | -10.68       | -16.12     | 11.93            | 0.36    | 751708.32 | 858594.98 | 33°03'39.644N | 103°09'46.479W |
| 3400                                     | 0.25                                             | 21.89  | 3399.86              | -10.37       | -16.04     | 11.95            | 0.14    | 751708.63 | 858595.06 | 33°03'39.647N | 103°09'46.478W |
| 3500                                     | 0.36                                             | 342.16 | 3499.86              | -9.87        | -16.05     | 12.12            | 0.23    | 751709.13 | 858595.05 | 33°03'39.652N | 103°09'46.478W |
| 3600                                     | 0.39                                             | 333.44 | 3599.86              | -9.26        | -16.3      | 12.55            | 0.06    | 751709.74 | 858594.8  | 33°03'39.658N | 103°09'46.481W |
| 3700                                     | 0.41                                             | 346.77 | 3699.86              | -8.61        | -16.54     | 12.98            | 0.09    | 751710.39 | 858594.56 | 33°03'39.665N | 103°09'46.484W |
| 3800                                     | 0.44                                             | 347.12 | 3799.86              | -7.89        | -16.7      | 13.36            | 0.03    | 751711.11 | 858594.4  | 33°03'39.672N | 103°09'46.485W |
| 3900                                     | 0.27                                             | 4.5    | 3899.85              | -7.28        | -16.77     | 13.62            | 0.2     | 751711.72 | 858594.33 | 33°03'39.678N | 103°09'46.486W |
| 4000                                     | 0.48                                             | 356.51 | 3999.85              | -6.63        | -16.78     | 13.83            | 0.22    | 751712.37 | 858594.32 | 33°03'39.684N | 103°09'46.486W |
| 4100                                     | 0.48                                             | 344.68 | 4099.85              | -5.8         | -16.91     | 14.22            | 0.1     | 751713.2  | 858594.19 | 33°03'39.693N | 103°09'46.488W |
| 4200                                     | 0.32                                             | 322.59 | 4199.85              | -5.18        | -17.2      | 14.68            | 0.22    | 751713.82 | 858593.9  | 33°03'39.699N | 103°09'46.491W |
| 4300                                     | 0.42                                             | 346.25 | 4299.84              | -4.6         | -17.45     | 15.11            | 0.18    | 751714.4  | 858593.65 | 33°03'39.705N | 103°09'46.494W |
| 4400                                     | 0.42                                             | 318.92 | 4399.84              | -3.97        | -17.78     | 15.62            | 0.2     | 751715.03 | 858593.32 | 33°03'39.711N | 103°09'46.498W |
| 4500                                     | 0.37                                             | 351.28 | 4499.84              | -3.37        | -18.07     | 16.08            | 0.23    | 751715.63 | 858593.03 | 33°03'39.717N | 103°09'46.501W |
| 4600                                     | 0.29                                             | 359.38 | 4599.84              | -2.8         | -18.12     | 16.31            | 0.09    | 751716.2  | 858592.98 | 33°03'39.722N | 103°09'46.501W |

|       |      |        |          |        |        |       |      |           |           |               |                |
|-------|------|--------|----------|--------|--------|-------|------|-----------|-----------|---------------|----------------|
| 4700  | 0.27 | 54.64  | 4699.84  | -2.41  | -17.93 | 16.26 | 0.26 | 751716.59 | 858593.17 | 33°03'39.726N | 103°09'46.499W |
| 4800  | 0.2  | 62.01  | 4799.84  | -2.19  | -17.59 | 16    | 0.08 | 751716.81 | 858593.51 | 33°03'39.728N | 103°09'46.495W |
| 4900  | 0.28 | 43.13  | 4899.83  | -1.93  | -17.26 | 15.77 | 0.11 | 751717.07 | 858593.84 | 33°03'39.731N | 103°09'46.491W |
| 5000  | 0.26 | 17.12  | 4999.83  | -1.54  | -17.03 | 15.68 | 0.12 | 751717.46 | 858594.07 | 33°03'39.735N | 103°09'46.488W |
| 5100  | 0.19 | 53.69  | 5099.83  | -1.22  | -16.83 | 15.59 | 0.16 | 751717.78 | 858594.27 | 33°03'39.738N | 103°09'46.486W |
| 5200  | 0.1  | 316.14 | 5199.83  | -1.06  | -16.76 | 15.57 | 0.23 | 751717.94 | 858594.34 | 33°03'39.739N | 103°09'46.485W |
| 5300  | 0.2  | 2.74   | 5299.83  | -0.82  | -16.81 | 15.69 | 0.15 | 751718.18 | 858594.29 | 33°03'39.742N | 103°09'46.486W |
| 5400  | 0.09 | 97     | 5399.83  | -0.66  | -16.72 | 15.66 | 0.23 | 751718.34 | 858594.38 | 33°03'39.743N | 103°09'46.485W |
| 5500  | 0.14 | 327.12 | 5499.83  | -0.57  | -16.71 | 15.68 | 0.21 | 751718.43 | 858594.39 | 33°03'39.744N | 103°09'46.485W |
| 5600  | 0.17 | 28.66  | 5599.83  | -0.33  | -16.71 | 15.75 | 0.16 | 751718.67 | 858594.39 | 33°03'39.747N | 103°09'46.484W |
| 5700  | 0.09 | 88.48  | 5699.83  | -0.2   | -16.56 | 15.65 | 0.15 | 751718.8  | 858594.54 | 33°03'39.748N | 103°09'46.483W |
| 5800  | 0.09 | 277    | 5799.83  | -0.19  | -16.56 | 15.65 | 0.18 | 751718.81 | 858594.54 | 33°03'39.748N | 103°09'46.483W |
| 5900  | 0.06 | 321.22 | 5899.83  | -0.14  | -16.67 | 15.77 | 0.06 | 751718.86 | 858594.43 | 33°03'39.749N | 103°09'46.484W |
| 6000  | 0.23 | 166.27 | 5999.83  | -0.29  | -16.65 | 15.71 | 0.29 | 751718.71 | 858594.45 | 33°03'39.747N | 103°09'46.484W |
| 6100  | 0.15 | 231.52 | 6099.83  | -0.57  | -16.71 | 15.67 | 0.22 | 751718.43 | 858594.39 | 33°03'39.744N | 103°09'46.484W |
| 6200  | 0.13 | 117.97 | 6199.83  | -0.7   | -16.71 | 15.63 | 0.23 | 751718.3  | 858594.39 | 33°03'39.743N | 103°09'46.485W |
| 6300  | 0.2  | 181.17 | 6299.83  | -0.93  | -16.61 | 15.47 | 0.18 | 751718.07 | 858594.49 | 33°03'39.741N | 103°09'46.483W |
| 6400  | 0.18 | 229.64 | 6399.83  | -1.21  | -16.74 | 15.5  | 0.16 | 751717.79 | 858594.36 | 33°03'39.738N | 103°09'46.485W |
| 6500  | 0.16 | 234.96 | 6499.83  | -1.39  | -16.97 | 15.66 | 0.03 | 751717.61 | 858594.13 | 33°03'39.736N | 103°09'46.488W |
| 6600  | 0.12 | 259.15 | 6599.83  | -1.49  | -17.19 | 15.84 | 0.07 | 751717.51 | 858593.91 | 33°03'39.735N | 103°09'46.490W |
| 6700  | 0.09 | 285.81 | 6699.83  | -1.49  | -17.37 | 16.01 | 0.06 | 751717.51 | 858593.73 | 33°03'39.735N | 103°09'46.492W |
| 6800  | 0.11 | 250.42 | 6799.83  | -1.5   | -17.53 | 16.16 | 0.06 | 751717.5  | 858593.57 | 33°03'39.735N | 103°09'46.494W |
| 6900  | 0.19 | 217.33 | 6899.83  | -1.66  | -17.72 | 16.29 | 0.11 | 751717.34 | 858593.38 | 33°03'39.734N | 103°09'46.497W |
| 7000  | 0.43 | 253.55 | 6999.83  | -1.9   | -18.18 | 16.65 | 0.3  | 751717.1  | 858592.92 | 33°03'39.731N | 103°09'46.502W |
| 7100  | 0.46 | 257.47 | 7099.82  | -2.09  | -18.93 | 17.31 | 0.04 | 751716.91 | 858592.17 | 33°03'39.729N | 103°09'46.511W |
| 7200  | 0.43 | 276.05 | 7199.82  | -2.14  | -19.7  | 18.02 | 0.15 | 751716.86 | 858591.4  | 33°03'39.729N | 103°09'46.520W |
| 7300  | 0.26 | 258.28 | 7299.82  | -2.15  | -20.3  | 18.58 | 0.2  | 751716.85 | 858590.8  | 33°03'39.729N | 103°09'46.527W |
| 7400  | 0.35 | 248.23 | 7399.82  | -2.31  | -20.8  | 19.01 | 0.1  | 751716.69 | 858590.3  | 33°03'39.728N | 103°09'46.533W |
| 7500  | 0.54 | 258.37 | 7499.81  | -2.52  | -21.55 | 19.65 | 0.2  | 751716.48 | 858589.55 | 33°03'39.726N | 103°09'46.542W |
| 7600  | 0.51 | 272.92 | 7599.81  | -2.59  | -22.45 | 20.49 | 0.14 | 751716.41 | 858588.65 | 33°03'39.725N | 103°09'46.552W |
| 7700  | 0.37 | 267.95 | 7699.81  | -2.58  | -23.22 | 21.22 | 0.14 | 751716.42 | 858587.88 | 33°03'39.725N | 103°09'46.561W |
| 7800  | 0.46 | 247.37 | 7799.81  | -2.74  | -23.91 | 21.83 | 0.17 | 751716.26 | 858587.19 | 33°03'39.724N | 103°09'46.569W |
| 7900  | 0.65 | 263.9  | 7899.8   | -2.96  | -24.85 | 22.64 | 0.25 | 751716.04 | 858586.25 | 33°03'39.722N | 103°09'46.580W |
| 8000  | 0.4  | 279.35 | 7999.8   | -2.96  | -25.76 | 23.51 | 0.29 | 751716.04 | 858585.34 | 33°03'39.722N | 103°09'46.591W |
| 8100  | 0.55 | 256.91 | 8099.79  | -3.01  | -26.57 | 24.26 | 0.24 | 751715.99 | 858584.53 | 33°03'39.721N | 103°09'46.601W |
| 8200  | 0.61 | 275.01 | 8199.79  | -3.08  | -27.57 | 25.19 | 0.19 | 751715.92 | 858583.53 | 33°03'39.721N | 103°09'46.612W |
| 8300  | 0.64 | 278.81 | 8299.78  | -2.94  | -28.65 | 26.26 | 0.05 | 751716.06 | 858582.45 | 33°03'39.722N | 103°09'46.625W |
| 8400  | 0.62 | 273.27 | 8399.78  | -2.83  | -29.74 | 27.33 | 0.06 | 751716.17 | 858581.36 | 33°03'39.723N | 103°09'46.638W |
| 8500  | 0.82 | 263.04 | 8499.77  | -2.88  | -30.99 | 28.5  | 0.24 | 751716.12 | 858580.11 | 33°03'39.723N | 103°09'46.653W |
| 8600  | 0.88 | 274.01 | 8599.76  | -2.92  | -32.47 | 29.89 | 0.17 | 751716.08 | 858578.63 | 33°03'39.723N | 103°09'46.670W |
| 8700  | 0.6  | 268.78 | 8699.75  | -2.87  | -33.76 | 31.13 | 0.29 | 751716.13 | 858577.34 | 33°03'39.723N | 103°09'46.685W |
| 8800  | 0.6  | 263.78 | 8799.74  | -2.94  | -34.8  | 32.09 | 0.05 | 751716.06 | 858576.3  | 33°03'39.723N | 103°09'46.697W |
| 8900  | 0.83 | 263.66 | 8899.74  | -3.08  | -36.04 | 33.23 | 0.23 | 751715.92 | 858575.06 | 33°03'39.722N | 103°09'46.712W |
| 9000  | 0.77 | 264.03 | 8999.73  | -3.23  | -37.43 | 34.5  | 0.06 | 751715.77 | 858573.67 | 33°03'39.720N | 103°09'46.728W |
| 9100  | 0.77 | 268.02 | 9099.72  | -3.32  | -38.77 | 35.74 | 0.05 | 751715.68 | 858572.33 | 33°03'39.720N | 103°09'46.744W |
| 9200  | 0.7  | 275.04 | 9199.71  | -3.29  | -40.05 | 36.96 | 0.11 | 751715.71 | 858571.05 | 33°03'39.720N | 103°09'46.759W |
| 9300  | 0.75 | 272.85 | 9299.7   | -3.2   | -41.31 | 38.19 | 0.06 | 751715.8  | 858569.79 | 33°03'39.721N | 103°09'46.774W |
| 9400  | 0.64 | 279.6  | 9399.69  | -3.08  | -42.51 | 39.37 | 0.14 | 751715.92 | 858568.59 | 33°03'39.722N | 103°09'46.788W |
| 9500  | 0.49 | 269.6  | 9499.69  | -2.99  | -43.49 | 40.33 | 0.18 | 751716.01 | 858567.61 | 33°03'39.723N | 103°09'46.799W |
| 9600  | 0.62 | 247.87 | 9599.68  | -3.2   | -44.42 | 41.14 | 0.25 | 751715.8  | 858566.68 | 33°03'39.721N | 103°09'46.810W |
| 9700  | 0.76 | 256.92 | 9699.68  | -3.55  | -45.57 | 42.12 | 0.18 | 751715.45 | 858565.53 | 33°03'39.718N | 103°09'46.824W |
| 9800  | 0.65 | 258.84 | 9799.67  | -3.81  | -46.77 | 43.18 | 0.11 | 751715.19 | 858564.33 | 33°03'39.716N | 103°09'46.838W |
| 9900  | 0.62 | 225.64 | 9899.66  | -4.3   | -47.71 | 43.92 | 0.36 | 751714.7  | 858563.39 | 33°03'39.711N | 103°09'46.849W |
| 10000 | 0.82 | 223.52 | 9999.65  | -5.19  | -48.59 | 44.47 | 0.2  | 751713.81 | 858562.51 | 33°03'39.702N | 103°09'46.860W |
| 10100 | 1.05 | 218.5  | 10099.64 | -6.43  | -49.66 | 45.09 | 0.24 | 751712.57 | 858561.44 | 33°03'39.690N | 103°09'46.872W |
| 10200 | 1.45 | 207.35 | 10199.62 | -8.27  | -50.81 | 45.6  | 0.47 | 751710.73 | 858560.29 | 33°03'39.672N | 103°09'46.886W |
| 10300 | 1.57 | 210.57 | 10299.58 | -10.57 | -52.09 | 46.09 | 0.15 | 751708.43 | 858559.01 | 33°03'39.649N | 103°09'46.901W |
| 10400 | 1.33 | 203.75 | 10399.55 | -12.82 | -53.25 | 46.49 | 0.3  | 751706.18 | 858557.85 | 33°03'39.627N | 103°09'46.915W |
| 10500 | 1.47 | 198.04 | 10499.52 | -15.1  | -54.12 | 46.59 | 0.2  | 751703.9  | 858556.98 | 33°03'39.605N | 103°09'46.926W |
| 10600 | 1.48 | 213.44 | 10599.49 | -17.4  | -55.22 | 46.92 | 0.4  | 751701.6  | 858555.88 | 33°03'39.582N | 103°09'46.939W |
| 10700 | 1.31 | 219.58 | 10699.46 | -19.35 | -56.66 | 47.66 | 0.23 | 751699.65 | 858554.44 | 33°03'39.563N | 103°09'46.956W |
| 10800 | 0.95 | 215.26 | 10799.44 | -20.91 | -57.87 | 48.32 | 0.37 | 751698.09 | 858553.23 | 33°03'39.548N | 103°09'46.971W |
| 10900 | 0.94 | 208.83 | 10899.43 | -22.31 | -58.75 | 48.71 | 0.11 | 751696.69 | 858552.35 | 33°03'39.534N | 103°09'46.981W |
| 11000 | 0.81 | 209.8  | 10999.41 | -23.64 | -59.49 | 49    | 0.13 | 751695.36 | 858551.61 | 33°03'39.521N | 103°09'46.990W |

|       |        |        |          |        |          |         |       |           |           |               |                |
|-------|--------|--------|----------|--------|----------|---------|-------|-----------|-----------|---------------|----------------|
| 11100 | 0.84   | 223.7  | 11099.4  | -24.78 | -60.35   | 49.45   | 0.2   | 751694.22 | 858550.75 | 33°03'39.510N | 103°09'47.000W |
| 11200 | 1.09   | 251    | 11199.39 | -25.62 | -61.76   | 50.52   | 0.52  | 751693.38 | 858549.34 | 33°03'39.501N | 103°09'47.017W |
| 11300 | 1.37   | 258.11 | 11299.37 | -26.18 | -63.82   | 52.31   | 0.32  | 751692.82 | 858547.28 | 33°03'39.496N | 103°09'47.041W |
| 11400 | 1.38   | 266.21 | 11399.34 | -26.5  | -66.2    | 54.45   | 0.19  | 751692.5  | 858544.9  | 33°03'39.493N | 103°09'47.069W |
| 11500 | 1.47   | 270.81 | 11499.31 | -26.57 | -68.68   | 56.79   | 0.15  | 751692.43 | 858542.42 | 33°03'39.493N | 103°09'47.088W |
| 11600 | 1.49   | 272.09 | 11599.27 | -26.5  | -71.26   | 59.26   | 0.04  | 751692.5  | 858539.84 | 33°03'39.494N | 103°09'47.129W |
| 11700 | 1.58   | 273.55 | 11699.24 | -26.37 | -73.94   | 61.84   | 0.1   | 751692.63 | 858537.16 | 33°03'39.495N | 103°09'47.160W |
| 11800 | 1.75   | 276.54 | 11799.2  | -26.11 | -76.83   | 64.67   | 0.19  | 751692.89 | 858534.27 | 33°03'39.498N | 103°09'47.194W |
| 11900 | 1.69   | 281.53 | 11899.15 | -25.64 | -79.79   | 67.63   | 0.16  | 751693.36 | 858531.31 | 33°03'39.503N | 103°09'47.229W |
| 12000 | 1.63   | 287.4  | 11999.11 | -24.92 | -82.59   | 70.51   | 0.18  | 751694.08 | 858528.51 | 33°03'39.511N | 103°09'47.262W |
| 12100 | 1.51   | 297.11 | 12099.07 | -23.89 | -85.12   | 73.24   | 0.29  | 751695.11 | 858525.98 | 33°03'39.521N | 103°09'47.291W |
| 12200 | 1.34   | 290.23 | 12199.04 | -22.89 | -87.39   | 75.71   | 0.24  | 751696.11 | 858523.71 | 33°03'39.531N | 103°09'47.318W |
| 12260 | 1.67   | 279.68 | 12259.02 | -22.5  | -88.91   | 77.28   | 0.72  | 751696.5  | 858522.19 | 33°03'39.535N | 103°09'47.336W |
| 12286 | 1.83   | 275.73 | 12285.01 | -22.39 | -89.7    | 78.05   | 0.77  | 751696.61 | 858521.4  | 33°03'39.536N | 103°09'47.345W |
| 12394 | 32.89  | 294.24 | 12386.85 | -9.87  | -118.88  | 109.69  | 28.85 | 751709.13 | 858492.22 | 33°03'39.664N | 103°09'47.686W |
| 12425 | 44.41  | 293.27 | 12411.02 | -2.11  | -136.58  | 128.94  | 37.21 | 751716.89 | 858474.52 | 33°03'39.742N | 103°09'47.893W |
| 12457 | 55.31  | 291.34 | 12431.62 | 7.13   | -159.19  | 153.31  | 34.37 | 751726.13 | 858451.91 | 33°03'39.836N | 103°09'48.157W |
| 12488 | 66.3   | 291.08 | 12446.71 | 16.91  | -184.38  | 180.29  | 35.48 | 751735.91 | 858426.72 | 33°03'39.938N | 103°09'48.452W |
| 12520 | 77.38  | 288.97 | 12456.67 | 27.28  | -212.9   | 210.64  | 35.18 | 751746.28 | 858398.2  | 33°03'40.041N | 103°09'48.786W |
| 12550 | 86.35  | 286.24 | 12460.91 | 36.25  | -241.18  | 240.3   | 31.22 | 751755.25 | 858369.92 | 33°03'40.133N | 103°09'49.117W |
| 12581 | 92.86  | 284.22 | 12461.13 | 44.39  | -271.08  | 271.24  | 21.99 | 751763.39 | 858340.02 | 33°03'40.217N | 103°09'49.467W |
| 12613 | 97.61  | 283.96 | 12458.21 | 52.14  | -301.97  | 303     | 14.87 | 751771.14 | 858309.13 | 33°03'40.297N | 103°09'49.829W |
| 12645 | 101.04 | 283.69 | 12453.03 | 59.69  | -332.83  | 334.48  | 10.75 | 751778.69 | 858278.47 | 33°03'40.375N | 103°09'50.188W |
| 12676 | 102    | 285.01 | 12446.83 | 67.22  | -362.06  | 364.77  | 5.2   | 751786.22 | 858249.04 | 33°03'40.453N | 103°09'50.533W |
| 12708 | 102.44 | 286.24 | 12440.06 | 75.64  | -392.18  | 396.01  | 4     | 751794.64 | 858218.92 | 33°03'40.540N | 103°09'50.886W |
| 12740 | 103.06 | 287.91 | 12433    | 84.8   | -422.01  | 427.21  | 5.45  | 751803.8  | 858189.09 | 33°03'40.634N | 103°09'51.235W |
| 12771 | 102.09 | 288.44 | 12426.25 | 94.24  | -450.76  | 457.47  | 3.55  | 751813.24 | 858160.34 | 33°03'40.730N | 103°09'51.571W |
| 12803 | 99.63  | 288.7  | 12420.22 | 104.25 | -480.55  | 488.89  | 7.73  | 751823.25 | 858130.55 | 33°03'40.832N | 103°09'51.920W |
| 12835 | 95.32  | 289.67 | 12416.06 | 114.67 | -510.5   | 520.61  | 13.8  | 751833.67 | 858100.6  | 33°03'40.939N | 103°09'52.271W |
| 12866 | 95.76  | 291.34 | 12413.06 | 125.48 | -539.4   | 551.44  | 5.55  | 751844.48 | 858071.7  | 33°03'41.049N | 103°09'52.609W |
| 12898 | 96.11  | 291.69 | 12409.76 | 137.15 | -569.01  | 583.22  | 1.54  | 751856.15 | 858042.09 | 33°03'41.168N | 103°09'52.955W |
| 12929 | 96.73  | 291.87 | 12406.29 | 148.58 | -597.62  | 613.98  | 2.08  | 751867.58 | 858013.48 | 33°03'41.284N | 103°09'53.290W |
| 12961 | 97.87  | 292.04 | 12402.22 | 160.45 | -627.06  | 645.65  | 3.6   | 751879.45 | 857984.04 | 33°03'41.405N | 103°09'53.634W |
| 12993 | 98.31  | 292.04 | 12397.72 | 172.34 | -656.42  | 677.27  | 1.37  | 751891.34 | 857954.68 | 33°03'41.526N | 103°09'53.977W |
| 13024 | 98.05  | 291.95 | 12393.31 | 183.83 | -684.88  | 707.9   | 0.89  | 751902.83 | 857926.22 | 33°03'41.642N | 103°09'54.310W |
| 13055 | 97.08  | 293.89 | 12389.23 | 195.8  | -713.18  | 738.53  | 6.95  | 751914.8  | 857897.92 | 33°03'41.764N | 103°09'54.641W |
| 13087 | 97.17  | 293.89 | 12385.26 | 208.66 | -742.21  | 770.13  | 0.28  | 751927.66 | 857868.89 | 33°03'41.894N | 103°09'54.980W |
| 13119 | 98.49  | 293.36 | 12380.9  | 221.36 | -771.25  | 801.7   | 4.44  | 751940.36 | 857839.85 | 33°03'42.023N | 103°09'55.320W |
| 13150 | 98.57  | 293.36 | 12376.3  | 233.52 | -799.4   | 832.25  | 0.26  | 751952.52 | 857811.7  | 33°03'42.146N | 103°09'55.649W |
| 13182 | 98.22  | 293.01 | 12371.63 | 245.98 | -828.5   | 863.79  | 1.54  | 751964.98 | 857782.6  | 33°03'42.273N | 103°09'55.989W |
| 13213 | 97.87  | 292.48 | 12367.29 | 257.85 | -856.81  | 894.4   | 2.03  | 751976.85 | 857754.29 | 33°03'42.393N | 103°09'56.320W |
| 13245 | 97.87  | 291.95 | 12362.91 | 269.83 | -886.15  | 926.03  | 1.64  | 751988.83 | 857724.95 | 33°03'42.516N | 103°09'56.663W |
| 13276 | 96.02  | 292.57 | 12359.16 | 281.49 | -914.63  | 956.73  | 6.29  | 752000.49 | 857696.47 | 33°03'42.634N | 103°09'56.996W |
| 13308 | 94.79  | 293.62 | 12356.15 | 293.99 | -943.93  | 988.48  | 5.04  | 752012.99 | 857667.17 | 33°03'42.760N | 103°09'57.339W |
| 13340 | 93.47  | 294.5  | 12353.84 | 307    | -973.08  | 1020.24 | 4.95  | 752026    | 857638.02 | 33°03'42.892N | 103°09'57.680W |
| 13371 | 92.23  | 295.64 | 12352.3  | 320.12 | -1001.12 | 1050.99 | 5.43  | 752039.12 | 857609.98 | 33°03'43.025N | 103°09'58.007W |
| 13402 | 90.4   | 296    | 12351.59 | 333.62 | -1029.02 | 1081.72 | 6.02  | 752052.62 | 857582.08 | 33°03'43.162N | 103°09'58.333W |
| 13434 | 88.72  | 294.85 | 12351.83 | 347.35 | -1057.91 | 1113.47 | 6.36  | 752066.35 | 857553.19 | 33°03'43.301N | 103°09'58.671W |
| 13466 | 86.61  | 293.54 | 12353.14 | 360.46 | -1087.08 | 1145.28 | 7.76  | 752079.46 | 857524.02 | 33°03'43.434N | 103°09'59.012W |
| 13497 | 84.68  | 293.36 | 12355.49 | 372.76 | -1115.43 | 1176.07 | 6.25  | 752091.76 | 857495.67 | 33°03'43.559N | 103°09'59.344W |
| 13528 | 84.42  | 294.68 | 12358.44 | 385.32 | -1143.62 | 1206.78 | 4.32  | 752104.32 | 857467.48 | 33°03'43.686N | 103°09'59.673W |
| 13560 | 84.68  | 293.1  | 12361.48 | 398.22 | -1172.75 | 1238.49 | 4.98  | 752117.22 | 857438.35 | 33°03'43.817N | 103°10'00.014W |
| 13592 | 84.42  | 290.9  | 12364.52 | 410.15 | -1202.28 | 1270.28 | 6.89  | 752129.15 | 857408.82 | 33°03'43.938N | 103°10'00.359W |
| 13624 | 83.62  | 289.4  | 12367.85 | 421.11 | -1232.16 | 1302.09 | 5.29  | 752140.11 | 857378.94 | 33°03'44.050N | 103°10'00.708W |
| 13655 | 83.62  | 289.32 | 12371.29 | 431.33 | -1261.22 | 1332.89 | 0.26  | 752150.33 | 857349.88 | 33°03'44.154N | 103°10'01.049W |
| 13687 | 83.71  | 289.76 | 12374.83 | 441.96 | -1291.19 | 1364.69 | 1.4   | 752160.96 | 857319.91 | 33°03'44.263N | 103°10'01.399W |
| 13719 | 83.36  | 288.35 | 12378.43 | 452.34 | -1321.25 | 1396.48 | 4.51  | 752171.34 | 857289.85 | 33°03'44.369N | 103°10'01.751W |
| 13750 | 81.95  | 287.12 | 12382.39 | 461.71 | -1350.53 | 1427.22 | 6.01  | 752180.71 | 857260.57 | 33°03'44.464N | 103°10'02.094W |
| 13782 | 82.04  | 287.21 | 12386.85 | 471.06 | -1380.81 | 1458.9  | 0.4   | 752190.06 | 857230.29 | 33°03'44.560N | 103°10'02.448W |
| 13814 | 81.69  | 286.68 | 12391.38 | 480.29 | -1411.11 | 1490.57 | 1.97  | 752199.29 | 857199.99 | 33°03'44.655N | 103°10'02.803W |
| 13845 | 80.11  | 286.86 | 12396.28 | 489.13 | -1440.42 | 1521.17 | 5.13  | 752208.13 | 857170.68 | 33°03'44.746N | 103°10'03.146W |
| 13876 | 79.32  | 287.12 | 12401.81 | 498.04 | -1469.59 | 1551.66 | 2.68  | 752217.04 | 857141.51 | 33°03'44.837N | 103°10'03.488W |
| 13908 | 80.9   | 287.12 | 12407.31 | 507.32 | -1499.71 | 1583.18 | 4.94  | 752226.32 | 857111.39 | 33°03'44.932N | 103°10'03.841W |
| 13939 | 83.27  | 287.03 | 12411.58 | 516.33 | -1529.06 | 1613.87 | 7.65  | 752235.33 | 857082.04 | 33°03'45.024N | 103°10'04.184W |

|       | ML    | HAM    | TVU      | ND     | EW       | V-      |      |           |           |               |                |
|-------|-------|--------|----------|--------|----------|---------|------|-----------|-----------|---------------|----------------|
| 13971 | 86.17 | 286.86 | 12414.52 | 525.62 | -1559.54 | 1645.72 | 9.08 | 752244.62 | 857051.56 | 33°03'45.120N | 103°10'04.541W |
| 14002 | 88.55 | 286.33 | 12415.95 | 534.46 | -1589.22 | 1676.67 | 7.87 | 752253.46 | 857021.88 | 33°03'45.210N | 103°10'04.889W |
| 14033 | 90.92 | 286.33 | 12416.09 | 543.18 | -1618.96 | 1707.65 | 7.65 | 752262.18 | 856992.14 | 33°03'45.300N | 103°10'05.237W |
| 14065 | 90.4  | 285.8  | 12415.73 | 552.03 | -1649.71 | 1739.62 | 2.32 | 752271.03 | 856961.39 | 33°03'45.391N | 103°10'05.597W |
| 14096 | 89.34 | 285.54 | 12415.8  | 560.41 | -1679.56 | 1770.58 | 3.52 | 752279.41 | 856931.54 | 33°03'45.477N | 103°10'05.946W |
| 14128 | 89.34 | 284.83 | 12416.16 | 568.79 | -1710.44 | 1802.53 | 2.22 | 752287.79 | 856900.66 | 33°03'45.563N | 103°10'06.308W |
| 14159 | 90.75 | 284.31 | 12416.14 | 576.59 | -1740.44 | 1833.46 | 4.85 | 752295.59 | 856870.66 | 33°03'45.644N | 103°10'06.660W |
| 14169 | 90.84 | 284.13 | 12416    | 579.04 | -1750.13 | 1843.43 | 2.01 | 752298.04 | 856860.97 | 33°03'45.669N | 103°10'06.773W |
| 14218 | 90.84 | 284.13 | 12415.28 | 591    | -1797.65 | 1892.29 | 0    | 752310    | 856813.45 | 33°03'45.793N | 103°10'07.330W |