



## Well Details: RGU 44-26-198

| TVD Reference: GL & KB 24' @ 6646.01ft (H&P 318) and Level: 6622.01 |       |            |            |            |              |      |
|---|-------|------------|------------|------------|--------------|------|
| +N/-S   | +E/-W | North      | Easting    | Latitude   | Longitude    | Slot |
| 0.00  | 0.00  | 1778072.89 | 2199594.40 | 39.9351008 | -108.3545781 | A04  |

## REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well RGU 44-26-198 - Slot A04, True North  
 Vertical (TVD) Reference: GL & KB 24' @ 6646.01ft (H&P 318)  
 Section (VS) Reference: Slot - A04(0.00N, 0.00E)  
 Measured Depth Reference: GL & KB 24' @ 6646.01ft (H&P 318)  
 Calculation Method: Minimum Curvature

## PROJECT DETAILS: Rio Blanco County, CO NAD83

Geodetic System: US State Plane 1983  
 Datum: North American Datum 1983  
 Ellipsoid: GRS 1980  
 Zone: Colorado Central Zone

System Datum: Mean Sea Level

Plan: Wellbore #1

10:40, April 09 2015  
 Created By: Mel Mireles



## Directional Survey Certification

2948 I-70 Business Loop  
Grand Junction, CO 81504  
(970)-245-9447 Fax (970)-245-9454

|                            |  |
|----------------------------|--|
| <b>Operator</b>            | WPX Energy Rocky Mountain, LLC.        |
| <b>Well Name &amp; No.</b> | RGU 44-26-1989                         |
| <b>County &amp; State</b>  | Rio Blanco County, CO                  |
| <b>SDI Job No.</b>         | 420315DEFMPK261388 & 420315DEFMP265694 |
| <b>Rig</b>                 | H&P 318                                |

I, Mel Mireles Jr., having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 0 feet to a measured depth of 12,848 feet is true and correct as determined from all available records.

A handwritten signature in black ink, appearing to read 'Mel Mireles Jr.', written over a horizontal line.

Signature

09-Apr-15

Date

### Mel Mireles Jr.

Grand Junction Assistant Well Planner  
Scientific Drilling - Colorado District

|                  |                                |                                     |                                   |
|------------------|--------------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>  | WPX Energy Rocky Mountain, LLC | <b>Local Co-ordinate Reference:</b> | Well RGU 44-26-198 - Slot A04     |
| <b>Project:</b>  | Rio Blanco County, CO NAD83    | <b>TVD Reference:</b>               | GL & KB 24' @ 6646.01ft (H&P 318) |
| <b>Site:</b>     | RGU 42-26-198 Pad              | <b>MD Reference:</b>                | GL & KB 24' @ 6646.01ft (H&P 318) |
| <b>Well:</b>     | RGU 44-26-198                  | <b>North Reference:</b>             | True                              |
| <b>Wellbore:</b> | Wellbore #1                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Design:</b>   | Wellbore #1                    | <b>Database:</b>                    | Grand Junction District           |

|                    |  |                      |                             |
|--------------------|--|----------------------|-----------------------------|
| <b>Project</b>     | Rio Blanco County, CO NAD83, Rio Blanco County, CO, NAD 1983 |                      |                             |
| <b>Map System:</b> | US State Plane 1983  | <b>System Datum:</b> | Mean Sea Level              |
| <b>Geo Datum:</b>  | North American Datum 1983                                    |                      |                             |
| <b>Map Zone:</b>   | Colorado Central Zone  |                      | Using geodetic scale factor |

|                              |                   |                          |                   |
|------------------------------|-------------------|--------------------------|-------------------|
| <b>Site</b>                  | RGU 42-26-198 Pad |                          |                   |
| <b>Site Position:</b>        |                   | <b>Northing:</b>         | 1,778,121.89 usft |
| <b>From:</b>                 | Map               | <b>Easting:</b>          | 2,199,615.70 usft |
| <b>Position Uncertainty:</b> | 0.00 ft           | <b>Slot Radius:</b>      | 13.200 in         |
|                              |                   | <b>Latitude:</b>         | 39.9352372        |
|                              |                   | <b>Longitude:</b>        | -108.3545077      |
|                              |                   | <b>Grid Convergence:</b> | -1.80 °           |

|                             |                          |                            |                                    |
|-----------------------------|--------------------------|----------------------------|------------------------------------|
| <b>Well</b>                 | RGU 44-26-198 - Slot A04 |                            |                                    |
| <b>Well Position</b>        | <b>+N/-S</b>             | 0.00 ft                    | <b>Northing:</b> 1,778,072.89 usft |
|                             | <b>+E/-W</b>             | 0.00 ft                    | <b>Easting:</b> 2,199,594.40 usft  |
| <b>Position Uncertainty</b> | 0.00 ft                  | <b>Wellhead Elevation:</b> | ft                                 |
|                             |                          | <b>Latitude:</b>           | 39.9351009                         |
|                             |                          | <b>Longitude:</b>          | -108.3545781                       |
|                             |                          | <b>Ground Level:</b>       | 6,622.01 ft                        |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | Wellbore #1       |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF2010          | 1/24/2013          | 10.36                  | 65.99                | 52,274                     |

|                          |                              |                   |                   |                      |      |
|--------------------------|------------------------------|-------------------|-------------------|----------------------|------|
| <b>Design</b>            | Wellbore #1                  |                   |                   |                      |      |
| <b>Audit Notes:</b>      |                              |                   |                   |                      |      |
| <b>Version:</b>          | 1.0                          | <b>Phase:</b>     | ACTUAL            | <b>Tie On Depth:</b> | 0.00 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (ft)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b> | <b>Direction (°)</b> |      |
|                          | 0.00                         | 0.00              | 0.00              | 155.72               |      |

|                       |                |  |                  |                                    |  |
|-----------------------|----------------|--|------------------|------------------------------------|--|
| <b>Survey Program</b> | <b>Date</b>    | 4/9/2015                                 |                  |                                    |  |
| <b>From (ft)</b>      | <b>To (ft)</b> | <b>Survey (Wellbore)</b>                 | <b>Tool Name</b> | <b>Description</b>                 |  |
| 110.00                | 717.00         | Survey #1 - Gyro MWD (Wellbore #1)       | SDI Gyro MWD 104 | SDI Gyro MWD Error Model Ver 1.0.4 |  |
| 794.00                | 3,973.00       | Survey #2 - Surface MWD (Wellbore #1)    | MWD SDI          | MWD - Standard ver 1.0.1           |  |
| 4,099.00              | 12,848.00      | Survey #3 - Production MWD (Wellbore #1) | MWD SDI          | MWD - Standard ver 1.0.1           |  |

|                                  |                        |                    |                            |                   |                   |                              |                              |                             |                            |  |
|----------------------------------|------------------------|--------------------|----------------------------|-------------------|-------------------|------------------------------|------------------------------|-----------------------------|----------------------------|--|
| <b>Survey</b>                    |                        |                    |                            |                   |                   |                              |                              |                             |                            |  |
| <b>Measured Depth (ft)</b>       | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (ft)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b> | <b>Vertical Section (ft)</b> | <b>Dogleg Rate (°/100ft)</b> | <b>Build Rate (°/100ft)</b> | <b>Turn Rate (°/100ft)</b> |  |
| 0.00                             | 0.00                   | 0.00               | 0.00                       | 0.00              | 0.00              | 0.00                         | 0.00                         | 0.00                        | 0.00                       |  |
| 110.00                           | 0.35                   | 17.84              | 110.00                     | 0.32              | 0.10              | -0.25                        | 0.32                         | 0.32                        | 0.00                       |  |
| <b>First SDI Gyro MWD Survey</b> |                        |                    |                            |                   |                   |                              |                              |                             |                            |  |
| 170.00                           | 0.62                   | 160.14             | 170.00                     | 0.19              | 0.27              | -0.06                        | 1.54                         | 0.45                        | 237.17                     |  |
| 261.00                           | 1.67                   | 159.43             | 260.98                     | -1.52             | 0.90              | 1.75                         | 1.15                         | 1.15                        | -0.78                      |  |
| 352.00                           | 3.70                   | 157.94             | 351.87                     | -5.48             | 2.47              | 6.01                         | 2.23                         | 2.23                        | -1.64                      |  |
| 443.00                           | 6.60                   | 152.75             | 442.50                     | -12.85            | 5.97              | 14.17                        | 3.22                         | 3.19                        | -5.70                      |  |
| 534.00                           | 9.24                   | 151.79             | 532.62                     | -23.94            | 11.82             | 26.68                        | 2.90                         | 2.90                        | -1.05                      |  |
| 625.00                           | 11.96                  | 152.75             | 622.06                     | -38.76            | 19.59             | 43.39                        | 3.00                         | 2.99                        | 1.05                       |  |

|                  |                                |                                     |                                   |
|------------------|--------------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>  | WPX Energy Rocky Mountain, LLC | <b>Local Co-ordinate Reference:</b> | Well RGU 44-26-198 - Slot A04     |
| <b>Project:</b>  | Rio Blanco County, CO NAD83    | <b>TVD Reference:</b>               | GL & KB 24' @ 6646.01ft (H&P 318) |
| <b>Site:</b>     | RGU 42-26-198 Pad              | <b>MD Reference:</b>                | GL & KB 24' @ 6646.01ft (H&P 318) |
| <b>Well:</b>     | RGU 44-26-198                  | <b>North Reference:</b>             | True                              |
| <b>Wellbore:</b> | Wellbore #1                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Design:</b>   | Wellbore #1                    | <b>Database:</b>                    | Grand Junction District           |

| Survey                                 |                 |             |                     |            |            |                       |                       |                      |                     |
|--|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| Measured Depth (ft)                    | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 717.00                                 | 14.96           | 152.84      | 711.52              | -57.81     | 29.38      | 64.77                 | 3.26                  | 3.26                 | 0.10                |
| <b>Last SDI Gyro MWD Survey</b>        |                 |             |                     |            |            |                       |                       |                      |                     |
| 794.00                                 | 17.98           | 151.17      | 785.36              | -77.07     | 39.65      | 86.55                 | 3.97                  | 3.92                 | -2.17               |
| <b>First SDI Surface MWD Survey</b>    |                 |             |                     |            |            |                       |                       |                      |                     |
| 886.00                                 | 19.69           | 152.93      | 872.43              | -103.31    | 53.55      | 116.19                | 1.96                  | 1.86                 | 1.91                |
| 977.00                                 | 19.87           | 152.72      | 958.06              | -130.70    | 67.61      | 146.95                | 0.21                  | 0.20                 | -0.23               |
| 1,072.00                               | 20.20           | 153.58      | 1,047.31            | -159.74    | 82.31      | 179.46                | 0.47                  | 0.35                 | 0.91                |
| 1,166.00                               | 20.97           | 152.91      | 1,135.31            | -189.25    | 97.19      | 212.48                | 0.86                  | 0.82                 | -0.71               |
| 1,260.00                               | 21.11           | 152.61      | 1,223.04            | -219.26    | 112.64     | 246.18                | 0.19                  | 0.15                 | -0.32               |
| 1,355.00                               | 18.64           | 154.05      | 1,312.37            | -248.10    | 127.16     | 278.44                | 2.65                  | -2.60                | 1.52                |
| 1,449.00                               | 17.94           | 155.99      | 1,401.63            | -274.84    | 139.62     | 307.94                | 0.99                  | -0.74                | 2.06                |
| 1,543.00                               | 17.89           | 155.11      | 1,491.07            | -301.16    | 151.59     | 336.85                | 0.29                  | -0.05                | -0.94               |
| 1,637.00                               | 18.33           | 153.53      | 1,580.41            | -327.49    | 164.25     | 366.06                | 0.70                  | 0.47                 | -1.68               |
| 1,731.00                               | 18.56           | 153.30      | 1,669.58            | -354.08    | 177.56     | 395.78                | 0.26                  | 0.24                 | -0.24               |
| 1,805.00                               | 18.50           | 152.93      | 1,739.75            | -375.06    | 188.20     | 419.27                | 0.18                  | -0.08                | -0.50               |
| 1,899.00                               | 19.31           | 151.56      | 1,828.68            | -402.00    | 202.39     | 449.67                | 0.98                  | 0.86                 | -1.46               |
| 1,994.00                               | 20.19           | 151.39      | 1,918.09            | -430.21    | 217.72     | 481.68                | 0.93                  | 0.93                 | -0.18               |
| 2,088.00                               | 20.94           | 152.91      | 2,006.10            | -459.40    | 233.13     | 514.63                | 0.98                  | 0.80                 | 1.62                |
| 2,182.00                               | 21.76           | 153.10      | 2,093.64            | -489.90    | 248.67     | 548.81                | 0.88                  | 0.87                 | 0.20                |
| 2,277.00                               | 21.14           | 154.37      | 2,182.06            | -521.05    | 264.04     | 583.53                | 0.82                  | -0.65                | 1.34                |
| 2,371.00                               | 21.34           | 155.65      | 2,269.68            | -551.91    | 278.43     | 617.58                | 0.54                  | 0.21                 | 1.36                |
| 2,465.00                               | 22.09           | 156.35      | 2,357.01            | -583.68    | 292.57     | 652.36                | 0.84                  | 0.80                 | 0.74                |
| 2,559.00                               | 21.64           | 154.84      | 2,444.25            | -615.56    | 307.03     | 687.36                | 0.77                  | -0.48                | -1.61               |
| 2,654.00                               | 20.44           | 154.05      | 2,532.91            | -646.34    | 321.74     | 721.46                | 1.30                  | -1.26                | -0.83               |
| 2,748.00                               | 20.95           | 153.08      | 2,620.85            | -676.08    | 336.53     | 754.66                | 0.65                  | 0.54                 | -1.03               |
| 2,842.00                               | 21.34           | 153.99      | 2,708.52            | -706.43    | 351.64     | 788.54                | 0.54                  | 0.41                 | 0.97                |
| 2,936.00                               | 20.24           | 152.73      | 2,796.40            | -736.26    | 366.59     | 821.87                | 1.26                  | -1.17                | -1.34               |
| 3,031.00                               | 20.44           | 152.08      | 2,885.47            | -765.52    | 381.88     | 854.84                | 0.32                  | 0.21                 | -0.68               |
| 3,125.00                               | 20.59           | 152.73      | 2,973.51            | -794.72    | 397.14     | 887.72                | 0.29                  | 0.16                 | 0.69                |
| 3,219.00                               | 20.45           | 151.07      | 3,061.55            | -823.78    | 412.66     | 920.60                | 0.64                  | -0.15                | -1.77               |
| 3,313.00                               | 20.32           | 151.37      | 3,149.66            | -852.48    | 428.42     | 953.24                | 0.18                  | -0.14                | 0.32                |
| 3,408.00                               | 19.57           | 151.17      | 3,238.96            | -880.90    | 444.00     | 985.55                | 0.79                  | -0.79                | -0.21               |
| 3,502.00                               | 19.45           | 150.96      | 3,327.57            | -908.37    | 459.19     | 1,016.84              | 0.15                  | -0.13                | -0.22               |
| 3,596.00                               | 20.38           | 152.67      | 3,415.94            | -936.59    | 474.30     | 1,048.78              | 1.17                  | 0.99                 | 1.82                |
| 3,691.00                               | 20.47           | 153.27      | 3,504.97            | -966.13    | 489.37     | 1,081.89              | 0.24                  | 0.09                 | 0.63                |
| 3,785.00                               | 20.51           | 151.56      | 3,593.03            | -995.29    | 504.60     | 1,114.74              | 0.64                  | 0.04                 | -1.82               |
| 3,879.00                               | 20.69           | 151.43      | 3,681.01            | -1,024.35  | 520.39     | 1,147.72              | 0.20                  | 0.19                 | -0.14               |
| 3,973.00                               | 19.65           | 150.39      | 3,769.25            | -1,052.68  | 536.14     | 1,180.02              | 1.17                  | -1.11                | -1.11               |
| 4,099.00                               | 18.47           | 149.66      | 3,888.34            | -1,088.32  | 556.69     | 1,220.96              | 0.96                  | -0.94                | -0.58               |
| <b>First SDI Production MWD Survey</b> |                 |             |                     |            |            |                       |                       |                      |                     |
| 4,162.00                               | 17.23           | 149.05      | 3,948.31            | -1,104.94  | 566.53     | 1,240.15              | 1.99                  | -1.97                | -0.97               |
| 4,257.00                               | 15.83           | 151.33      | 4,039.38            | -1,128.37  | 579.98     | 1,267.05              | 1.62                  | -1.47                | 2.40                |
| 4,351.00                               | 15.31           | 153.25      | 4,129.93            | -1,150.70  | 591.72     | 1,292.23              | 0.78                  | -0.55                | 2.04                |
| 4,445.00                               | 16.27           | 159.33      | 4,220.39            | -1,174.11  | 601.95     | 1,317.77              | 2.03                  | 1.02                 | 6.47                |

|                  |                                |                                     |                                   |
|------------------|--------------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>  | WPX Energy Rocky Mountain, LLC | <b>Local Co-ordinate Reference:</b> | Well RGU 44-26-198 - Slot A04     |
| <b>Project:</b>  | Rio Blanco County, CO NAD83    | <b>TVD Reference:</b>               | GL & KB 24' @ 6646.01ft (H&P 318) |
| <b>Site:</b>     | RGU 42-26-198 Pad              | <b>MD Reference:</b>                | GL & KB 24' @ 6646.01ft (H&P 318) |
| <b>Well:</b>     | RGU 44-26-198                  | <b>North Reference:</b>             | True                              |
| <b>Wellbore:</b> | Wellbore #1                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Design:</b>   | Wellbore #1                    | <b>Database:</b>                    | Grand Junction District           |

| Survey              |                 |             |                     |            |            |                       |                       |                      |                     |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 4,540.00            | 17.59           | 158.98      | 4,311.27            | -1,199.96  | 611.80     | 1,345.39              | 1.39                  | 1.39                 | -0.37               |
| 4,634.00            | 17.15           | 157.75      | 4,400.98            | -1,226.05  | 622.14     | 1,373.42              | 0.61                  | -0.47                | -1.31               |
| 4,728.00            | 17.74           | 155.25      | 4,490.66            | -1,251.88  | 633.38     | 1,401.59              | 1.01                  | 0.63                 | -2.66               |
| 4,822.00            | 19.35           | 156.77      | 4,579.78            | -1,279.20  | 645.52     | 1,431.48              | 1.79                  | 1.71                 | 1.62                |
| 4,917.00            | 18.20           | 154.41      | 4,669.72            | -1,307.04  | 658.14     | 1,462.05              | 1.45                  | -1.21                | -2.48               |
| 5,011.00            | 17.15           | 154.76      | 4,759.28            | -1,332.82  | 670.39     | 1,490.59              | 1.12                  | -1.12                | 0.37                |
| 5,105.00            | 16.99           | 154.15      | 4,849.14            | -1,357.71  | 682.29     | 1,518.17              | 0.26                  | -0.17                | -0.65               |
| 5,200.00            | 16.95           | 153.44      | 4,940.00            | -1,382.59  | 694.53     | 1,545.88              | 0.22                  | -0.04                | -0.75               |
| 5,294.00            | 15.74           | 151.33      | 5,030.20            | -1,406.03  | 706.78     | 1,572.29              | 1.43                  | -1.29                | -2.24               |
| 5,388.00            | 16.20           | 150.74      | 5,120.58            | -1,428.66  | 719.30     | 1,598.06              | 0.52                  | 0.49                 | -0.63               |
| 5,482.00            | 16.90           | 146.73      | 5,210.68            | -1,451.53  | 733.21     | 1,624.62              | 1.42                  | 0.74                 | -4.27               |
| 5,576.00            | 15.46           | 147.81      | 5,300.96            | -1,473.55  | 747.38     | 1,650.53              | 1.56                  | -1.53                | 1.15                |
| 5,671.00            | 15.48           | 148.52      | 5,392.52            | -1,495.08  | 760.74     | 1,675.65              | 0.20                  | 0.02                 | 0.75                |
| 5,765.00            | 15.92           | 150.36      | 5,483.01            | -1,516.98  | 773.67     | 1,700.93              | 0.71                  | 0.47                 | 1.96                |
| 5,859.00            | 16.71           | 151.42      | 5,573.22            | -1,540.06  | 786.51     | 1,727.24              | 0.90                  | 0.84                 | 1.13                |
| 5,954.00            | 15.30           | 151.97      | 5,664.54            | -1,563.11  | 798.93     | 1,753.37              | 1.49                  | -1.48                | 0.58                |
| 6,048.00            | 15.21           | 150.19      | 5,755.23            | -1,584.76  | 810.89     | 1,778.02              | 0.51                  | -0.10                | -1.89               |
| 6,142.00            | 13.81           | 150.63      | 5,846.23            | -1,605.24  | 822.53     | 1,801.47              | 1.49                  | -1.49                | 0.47                |
| 6,237.00            | 13.65           | 149.12      | 5,938.51            | -1,624.74  | 833.84     | 1,823.90              | 0.41                  | -0.17                | -1.59               |
| 6,331.00            | 13.28           | 149.57      | 6,029.93            | -1,643.57  | 845.00     | 1,845.65              | 0.41                  | -0.39                | 0.48                |
| 6,425.00            | 11.40           | 149.64      | 6,121.75            | -1,660.90  | 855.17     | 1,865.62              | 2.00                  | -2.00                | 0.07                |
| 6,520.00            | 9.85            | 147.29      | 6,215.12            | -1,675.83  | 864.30     | 1,883.00              | 1.69                  | -1.63                | -2.47               |
| 6,614.00            | 8.35            | 146.94      | 6,307.94            | -1,688.32  | 872.37     | 1,897.70              | 1.60                  | -1.60                | -0.37               |
| 6,708.00            | 7.65            | 149.66      | 6,401.02            | -1,699.44  | 879.25     | 1,910.67              | 0.85                  | -0.74                | 2.89                |
| 6,802.00            | 8.27            | 150.36      | 6,494.12            | -1,710.72  | 885.76     | 1,923.62              | 0.67                  | 0.66                 | 0.74                |
| 6,897.00            | 7.91            | 157.22      | 6,588.17            | -1,722.68  | 891.67     | 1,936.96              | 1.08                  | -0.38                | 7.22                |
| 6,991.00            | 7.21            | 153.97      | 6,681.36            | -1,733.95  | 896.76     | 1,949.32              | 0.87                  | -0.74                | -3.46               |
| 7,085.00            | 6.07            | 155.64      | 6,774.72            | -1,743.77  | 901.40     | 1,960.18              | 1.23                  | -1.21                | 1.78                |
| 7,179.00            | 5.45            | 157.75      | 6,868.25            | -1,752.43  | 905.14     | 1,969.61              | 0.70                  | -0.66                | 2.24                |
| 7,274.00            | 4.04            | 145.18      | 6,962.92            | -1,759.36  | 908.76     | 1,977.41              | 1.84                  | -1.48                | -13.23              |
| 7,368.00            | 3.78            | 150.36      | 7,056.70            | -1,764.77  | 912.18     | 1,983.75              | 0.47                  | -0.28                | 5.51                |
| 7,462.00            | 3.17            | 148.69      | 7,150.53            | -1,769.68  | 915.07     | 1,989.42              | 0.66                  | -0.65                | -1.78               |
| 7,557.00            | 2.30            | 155.02      | 7,245.42            | -1,773.65  | 917.24     | 1,993.93              | 0.97                  | -0.92                | 6.66                |
| 7,651.00            | 1.76            | 137.27      | 7,339.36            | -1,776.42  | 919.01     | 1,997.19              | 0.88                  | -0.57                | -18.88              |
| 7,745.00            | 1.85            | 150.89      | 7,433.32            | -1,778.81  | 920.73     | 2,000.07              | 0.47                  | 0.10                 | 14.49               |
| 7,840.00            | 0.97            | 165.57      | 7,528.29            | -1,780.93  | 921.68     | 2,002.39              | 0.99                  | -0.93                | 15.45               |
| 7,933.00            | 0.96            | 188.78      | 7,621.28            | -1,782.46  | 921.75     | 2,003.82              | 0.42                  | -0.01                | 24.96               |
| 8,028.00            | 0.29            | 103.83      | 7,716.27            | -1,783.31  | 921.87     | 2,004.63              | 1.03                  | -0.71                | -89.42              |
| 8,122.00            | 0.44            | 262.78      | 7,810.27            | -1,783.41  | 921.74     | 2,004.67              | 0.76                  | 0.16                 | 169.10              |
| 8,216.00            | 0.62            | 190.00      | 7,904.27            | -1,783.95  | 921.29     | 2,004.99              | 0.69                  | 0.19                 | -77.43              |
| 8,311.00            | 0.44            | 187.72      | 7,999.26            | -1,784.82  | 921.15     | 2,005.72              | 0.19                  | -0.19                | -2.40               |
| 8,405.00            | 0.46            | 205.04      | 8,093.26            | -1,785.52  | 920.95     | 2,006.27              | 0.15                  | 0.02                 | 18.43               |
| 8,499.00            | 0.69            | 171.24      | 8,187.25            | -1,786.42  | 920.87     | 2,007.07              | 0.43                  | 0.24                 | -35.96              |

|                  |                                |                                     |                                   |
|------------------|--------------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>  | WPX Energy Rocky Mountain, LLC | <b>Local Co-ordinate Reference:</b> | Well RGU 44-26-198 - Slot A04     |
| <b>Project:</b>  | Rio Blanco County, CO NAD83    | <b>TVD Reference:</b>               | GL & KB 24' @ 6646.01ft (H&P 318) |
| <b>Site:</b>     | RGU 42-26-198 Pad              | <b>MD Reference:</b>                | GL & KB 24' @ 6646.01ft (H&P 318) |
| <b>Well:</b>     | RGU 44-26-198                  | <b>North Reference:</b>             | True                              |
| <b>Wellbore:</b> | Wellbore #1                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Design:</b>   | Wellbore #1                    | <b>Database:</b>                    | Grand Junction District           |

| Survey              |                 |             |                     |            |            |                       |                       |                      |                     |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 8,593.00            | 0.97            | 209.25      | 8,281.25            | -1,787.68  | 920.57     | 2,008.08              | 0.64                  | 0.30                 | 40.44               |
| 8,688.00            | 0.79            | 204.42      | 8,376.23            | -1,788.97  | 919.91     | 2,008.99              | 0.20                  | -0.19                | -5.08               |
| 8,782.00            | 0.97            | 233.51      | 8,470.22            | -1,790.04  | 919.00     | 2,009.59              | 0.51                  | 0.19                 | 30.95               |
| 8,877.00            | 0.26            | 326.58      | 8,565.22            | -1,790.34  | 918.23     | 2,009.55              | 1.07                  | -0.75                | 97.97               |
| 8,970.00            | 0.26            | 261.11      | 8,658.22            | -1,790.19  | 917.91     | 2,009.28              | 0.30                  | 0.00                 | -70.40              |
| 9,065.00            | 0.53            | 255.57      | 8,753.22            | -1,790.33  | 917.27     | 2,009.15              | 0.29                  | 0.28                 | -5.83               |
| 9,159.00            | 1.14            | 251.79      | 8,847.21            | -1,790.74  | 915.96     | 2,008.98              | 0.65                  | 0.65                 | -4.02               |
| 9,253.00            | 0.35            | 166.36      | 8,941.20            | -1,791.31  | 915.14     | 2,009.16              | 1.24                  | -0.84                | -90.88              |
| 9,348.00            | 0.45            | 152.34      | 9,036.20            | -1,791.92  | 915.38     | 2,009.82              | 0.15                  | 0.11                 | -14.76              |
| 9,442.00            | 0.81            | 190.50      | 9,130.19            | -1,792.90  | 915.43     | 2,010.73              | 0.57                  | 0.38                 | 40.60               |
| 9,537.00            | 0.97            | 65.29       | 9,225.19            | -1,793.22  | 916.04     | 2,011.28              | 1.67                  | 0.17                 | -131.80             |
| 9,631.00            | 1.28            | 40.50       | 9,319.17            | -1,792.09  | 917.44     | 2,010.82              | 0.61                  | 0.33                 | -26.37              |
| 9,725.00            | 0.62            | 338.10      | 9,413.16            | -1,790.82  | 917.94     | 2,009.87              | 1.21                  | -0.70                | -66.38              |
| 9,820.00            | 0.88            | 345.04      | 9,508.15            | -1,789.64  | 917.56     | 2,008.64              | 0.29                  | 0.27                 | 7.31                |
| 9,914.00            | 0.70            | 320.26      | 9,602.14            | -1,788.50  | 917.00     | 2,007.37              | 0.41                  | -0.19                | -26.36              |
| 10,009.00           | 0.62            | 261.90      | 9,697.13            | -1,788.13  | 916.12     | 2,006.67              | 0.68                  | -0.08                | -61.43              |
| 10,103.00           | 1.06            | 263.65      | 9,791.12            | -1,788.30  | 914.76     | 2,006.26              | 0.47                  | 0.47                 | 1.86                |
| 10,197.00           | 1.23            | 246.16      | 9,885.11            | -1,788.80  | 912.97     | 2,005.98              | 0.41                  | 0.18                 | -18.61              |
| 10,291.00           | 1.72            | 249.19      | 9,979.07            | -1,789.71  | 910.73     | 2,005.89              | 0.53                  | 0.52                 | 3.22                |
| 10,409.00           | 1.20            | 263.06      | 10,097.04           | -1,790.49  | 907.85     | 2,005.41              | 0.53                  | -0.44                | 11.75               |
| 10,503.00           | 0.75            | 359.17      | 10,191.03           | -1,789.99  | 906.86     | 2,004.56              | 1.58                  | -0.48                | 102.24              |
| 10,598.00           | 0.91            | 39.82       | 10,286.02           | -1,788.79  | 907.33     | 2,003.66              | 0.63                  | 0.17                 | 42.79               |
| 10,692.00           | 2.28            | 58.55       | 10,379.98           | -1,787.24  | 909.41     | 2,003.10              | 1.54                  | 1.46                 | 19.93               |
| 10,786.00           | 1.55            | 47.12       | 10,473.93           | -1,785.40  | 911.93     | 2,002.46              | 0.87                  | -0.78                | -12.16              |
| 10,880.00           | 2.10            | 56.59       | 10,567.88           | -1,783.59  | 914.30     | 2,001.78              | 0.67                  | 0.59                 | 10.07               |
| 10,975.00           | 1.30            | 49.50       | 10,662.84           | -1,781.93  | 916.58     | 2,001.20              | 0.87                  | -0.84                | -7.46               |
| 11,069.00           | 1.25            | 25.12       | 10,756.81           | -1,780.31  | 917.82     | 2,000.24              | 0.58                  | -0.05                | -25.94              |
| 11,163.00           | 1.30            | 348.40      | 10,850.79           | -1,778.33  | 918.04     | 1,998.53              | 0.86                  | 0.05                 | -39.06              |
| 11,258.00           | 0.88            | 318.67      | 10,945.77           | -1,776.73  | 917.34     | 1,996.78              | 0.73                  | -0.44                | -31.29              |
| 11,352.00           | 1.44            | 270.54      | 11,039.76           | -1,776.18  | 915.69     | 1,995.59              | 1.14                  | 0.60                 | -51.20              |
| 11,446.00           | 0.66            | 255.85      | 11,133.74           | -1,776.30  | 913.98     | 1,995.00              | 0.87                  | -0.83                | -15.63              |
| 11,541.00           | 1.17            | 249.99      | 11,228.73           | -1,776.76  | 912.54     | 1,994.84              | 0.55                  | 0.54                 | -6.17               |
| 11,635.00           | 1.59            | 254.54      | 11,322.70           | -1,777.44  | 910.38     | 1,994.56              | 0.46                  | 0.45                 | 4.84                |
| 11,730.00           | 1.52            | 254.39      | 11,417.67           | -1,778.13  | 907.90     | 1,994.17              | 0.07                  | -0.07                | -0.16               |
| 11,824.00           | 1.90            | 249.46      | 11,511.62           | -1,779.01  | 905.24     | 1,993.88              | 0.43                  | 0.40                 | -5.24               |
| 11,918.00           | 1.97            | 244.44      | 11,605.57           | -1,780.26  | 902.32     | 1,993.82              | 0.20                  | 0.07                 | -5.34               |
| 12,013.00           | 2.15            | 247.72      | 11,700.51           | -1,781.64  | 899.20     | 1,993.79              | 0.23                  | 0.19                 | 3.45                |
| 12,108.00           | 2.39            | 249.28      | 11,795.43           | -1,783.01  | 895.70     | 1,993.61              | 0.26                  | 0.25                 | 1.64                |
| 12,202.00           | 2.27            | 253.72      | 11,889.36           | -1,784.23  | 892.07     | 1,993.23              | 0.23                  | -0.13                | 4.72                |
| 12,390.00           | 2.62            | 254.03      | 12,077.19           | -1,786.46  | 884.37     | 1,992.09              | 0.19                  | 0.19                 | 0.16                |
| 12,484.00           | 2.64            | 251.44      | 12,171.09           | -1,787.74  | 880.25     | 1,991.56              | 0.13                  | 0.02                 | -2.76               |
| 12,578.00           | 2.87            | 249.22      | 12,264.98           | -1,789.26  | 876.00     | 1,991.20              | 0.27                  | 0.24                 | -2.36               |
| 12,672.00           | 3.10            | 244.36      | 12,358.85           | -1,791.19  | 871.51     | 1,991.12              | 0.36                  | 0.24                 | -5.17               |

|                  |                                |                                     |                                   |
|------------------|--------------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>  | WPX Energy Rocky Mountain, LLC | <b>Local Co-ordinate Reference:</b> | Well RGU 44-26-198 - Slot A04     |
| <b>Project:</b>  | Rio Blanco County, CO NAD83    | <b>TVD Reference:</b>               | GL & KB 24' @ 6646.01ft (H&P 318) |
| <b>Site:</b>     | RGU 42-26-198 Pad              | <b>MD Reference:</b>                | GL & KB 24' @ 6646.01ft (H&P 318) |
| <b>Well:</b>     | RGU 44-26-198                  | <b>North Reference:</b>             | True                              |
| <b>Wellbore:</b> | Wellbore #1                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Design:</b>   | Wellbore #1                    | <b>Database:</b>                    | Grand Junction District           |

| Survey                                |                 |             |                     |            |            |                       |                       |                      |                     |  |
|---------------------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (ft)                   | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |  |
| 12,767.00                             | 3.04            | 238.66      | 12,453.71           | -1,793.62  | 867.04     | 1,991.49              | 0.33                  | -0.06                | -6.00               |  |
| <b>Last SDI Production MWD Survey</b> |                 |             |                     |            |            |                       |                       |                      |                     |  |
| 12,848.00                             | 3.04            | 238.66      | 12,534.60           | -1,795.85  | 863.37     | 1,992.02              | 0.00                  | 0.00                 | 0.00                |  |
| <b>Projection to TD</b>               |                 |             |                     |            |            |                       |                       |                      |                     |  |

| Design Annotations  |                     |                   |            |                                 |  |
|---------------------|---------------------|-------------------|------------|---------------------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates |            |                                 |  |
|                     |                     | +N/-S (ft)        | +E/-W (ft) | Comment                         |  |
| 110.00              | 110.00              | 0.32              | 0.10       | First SDI Gyro MWD Survey       |  |
| 717.00              | 711.52              | -57.81            | 29.38      | Last SDI Gyro MWD Survey        |  |
| 794.00              | 785.36              | -77.07            | 39.65      | First SDI Surface MWD Survey    |  |
| 4,099.00            | 3,888.34            | -1,088.32         | 556.69     | First SDI Production MWD Survey |  |
| 12,767.00           | 12,453.71           | -1,793.62         | 867.04     | Last SDI Production MWD Survey  |  |
| 12,848.00           | 12,534.60           | -1,795.85         | 863.37     | Projection to TD                |  |

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_